

SCOTTS OF GREENOCK

1820 - 1920

A FAMILY ENTERPRISE

VOLUME TWO

THE SCOTT SHIP LIST.

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THE SCOTT SHIP LIST.

INTRODUCTION AND SOURCES OF DATA.

From the foundation of the original Scott family shipbuilding and ship repair business at West Burn, Greenock in 1711 and for over 270 years thereafter until 1984 when Scott Lithgow Ltd., was sold to Trafalgar House p.l.c., the Scotts built over one thousand ships on three sites in Greenock. Their engine works not only served the Scott yards but supplied and installed propelling machinery for ships built in the Royal Dockyards and other shipyards at home and abroad.

This volume No. 2 includes a comprehensive list of these ships together with information intended to supplement the subject matter contained in Volume No. I.

The main section of the List (pp.1-826) concerns ships built by Scotts in their West Burn, Cartsyke and Carlsburn yards at Greenock which account for some ninety four per cent of the total number of ships built by them during the period (1711-1984).

Ships built in their shipyards at St. John, New Brunswick, Canada, Bristol and Saint-Nazaire, France are covered in the following chapters of Volume 1.

St. John, N.B. -	Chapter 1, p.9.	(19 ships)
Bristol -	Chapter 1, Appx 1, p.435.	(14 ships)
Saint-Nazaire -	Chapter 4, p.143-8-9.	(9 ships)

Ships built by Scotts at their Bowling Shipyard, taken over from the previous owners, Scott and Sons (Bowling) Ltd., (no relation) in 1965 and operated by Scotts', Greenock during the period 1965-1979 are shown on pp.828-829. (26 ships)

Ships built in other shipyards and the Royal Dockyards for which Scotts engine works manufactured and installed propelling machinery are listed on pp 831-838 together with brief particulars of the ships and their machinery.

Data Sheets.

A variety of data sheets have been employed to embrace the range of ship types included in the List.

Each data sheet provides basic data for the ship involved and its machinery, where appropriate, together with details of its career. Where available, particulars of the cost and financial outcome of each contract are also included. (1868-1969).

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Each data sheet provides basic data for the ship involved and its machinery, where appropriate, together with details of its career. Where available, particulars of the cost and financial outcome of each contract are also included. (1868-1969).

The information contained in the data sheets was gathered from a wide variety of sources which are listed in the Bibliography in Volume 1 of the thesis.

However, for convenience in using this volume the main sources are repeated below:-

Builders Certificate Books.

GD 319/13a/1	-	This volume includes steamers built 1852-1878 and sailing ships built 1853-1905.
GD 319/13a/2	-	Ships built - 1879-1892.
GD 319/13a/3	-	Ships built - 1892-1929.
GD 319/13a/4	-	Ships built - 1929 to date (held by builders)

Technical Particulars.

GD 319/26/2/20	-	Ships built 1868-1908.
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Sea Trials.

In addition to reports of trials including indicator diagrams, information on measured mile runs is also provided. Each report is prefaced by a comprehensive list of main and auxiliary machinery.

GD 319/23/2/1	-	Vol. 1.	-	1872-1895.
GD 319/23/2/2	-	Vol. 2.	-	1895-1909.
GD 319/23/2/3	-	Vol. 3.	-	1909-1930.
GD 319/23/2/4	-	Vol. 4.	-	1930-1936.

Custom House Records.

Ship registration books at Greenock, Glasgow, Leith, Aberdeen, Liverpool, Newcastle upon Tyne, Whitehaven, London and the Public Records Office, Kew.

Lloyd's Register of Shipping.

Registers. (1764-1992)

Scotts Publications.

Two Centuries of Shipbuilding - 1906, 1920. and 1950 editions.
Two Hundred and Fifty Years of Shipbuilding - 1961 edition.

Newspapers.

Greenock Advertiser (1802-1884)
Greenock Telegraph (1857-1920)
Dumbarton Herald (1851-1920)

Financial Information.

H.B. Peebles - Warship Building on the Clyde - A Financial Study -
Unpublished Ph.D. Thesis. University of Stirling (1986).

GUIDE TO THE LIST.

Information on the data sheet relating to a particular ship is provided under a range of headings. There follows a series of explanatory notes describing the information in more detail.

Shipbuilder.

Indicates the company name at the time of build and the particular Scott shipyard in which the ship was built. e.g. J. & W. Scott, West Burn.

Ship Type.

Indicates the broad category of ship, e.g. sailing vessel, general cargo, yacht, battleship, tug, etc.,

Ship Name.

Name of ship as launched.

Ship Owner.

Original owner when new and where registered.

Ship and Engine Numbers.

These are Scotts' domestic reference numbers used during construction. They are generally in chronological order and date from 1852 with the establishment of Scott and Co.,
There are indications of an earlier system of ship numbers in operation with John Scott and Sons c.1830-50. Where these earlier numbers are known they are entered in brackets. e.g. (130).

Delivery Year.

Data sheets are filed generally in chronological order.

Dimensions.

From 1868 to 1984 (starting with ship 'Grecian - No. 122) all ships lengths quoted are 'lengths between perpendiculars' or L_{bp} .

Where the length overall - L.o.a. or length on waterline L.w.l. are known they are also entered and noted as such. (mainly warships or yachts).

Beam, depth and draught are moulded dimensions.

Draughts quoted are at full load displacement.

For earlier ships (up to Hispania - ship 120-1868) the length given is 'keel and forerake' and the depth is 'depth of hold'.

Gross and nett tonnage figures shown date from c.1839.

Prior to that date, tonnages given are old measurement (o.m.), with some early steamers being exceptional in this regard.

Information re deadweight, cargo capacity (cubic ft), block coefficient, construction (carvel or clincher), hull material, rig, classification society, invoiced iron/steel weight, number of masts is also provided.

Dates.

The dates quoted - order, keel lay, launch and delivery make possible an assessment of the duration of the main stages of construction. In earlier ships, dates of order and keel lay were derived where possible from correspondence relating to instalments. Launch dates were obtained from contemporary newspapers, ship registers and builders certificates.

Delivery dates were obtained from the same sources and also company sea trial reports.

Launch Sponsor.

It was not the practice to launch every ship with a formal ceremony. Often when multiple contracts were in production only the first vessel of the group had a formal launch. This particularly applied to orders from Holt and Swire who, on occasion ordered four to six ships at a time. Traditionally a task for a lady, a number of Scotts' ships were launched by men, including Lord Carnegie who launched his yacht 'Kittiwake' in 1893 and Sir Firozkhan Noon who launched the 'Tribal' class destroyer H.M.S. 'Punjabi' in 1937.

Machinery.

Scotts' were actively engaged in the manufacture and installation of marine propelling machinery for over one hundred and fifty years. During their first seventy five years they were primarily involved with steam reciprocating machinery for paddle and propeller drive. During the second seventy five years steam reciprocating machinery lost ground, firstly to Parsons reaction type and Brown Curtis impulse type steam turbines with reduction gearing, and secondly to the marine oil engine which in time became the universal choice of prime mover for merchant vessels.

Scotts' undertook much development work on the marine oil engine beginning with the unique Scott Still engine in the 1920's which led to the Scott oil engine of the 1930's. For merchant ships they built a wide variety of oil engine types under licence including the N.E.M. Werkspoor, M.A.N., Doxford, Burmeister and Wain

and Sulzer designs. They built medium speed oil engines to FIAT, M.A.N. and Admiralty -Vickers designs for their submarine construction programme.

They also built a wide range of types of boiler over the years including the early box, oval and cylindrical designs followed by the Belleville, Babcock and Wilcox, Yarrow and Foster Wheeler water tube designs.

In order to accommodate the mass of archive material available on machinery topics, separate data sheets have been designed for ships propelled by steam reciprocating, steam turbine and oil engine types of machinery.

Steam Reciprocating Machinery.

This section describes the type of engine and the manufacturer followed by the dimensions of the cylinders and engine stroke in inches and feet respectively. The design indicated horsepower (i.h.p.) and r.p.m. together with the ship's speed are accompanied by the nominal horsepower (N.H.P.) an early but now outmoded method of determining the power of the engine from calculations based on the dimensions of the machinery.

There follows a number of items which were effectively design criteria - condenser cooling surface, engine expansion ratio and the ratios of the air pump and sea water pump capacities to the l.p. cylinder volume.

The boiler section gives the boiler dimensions, working pressure, heating surface, grate area and steam space volume - all based on Scotts' design criteria. Finally, the type of draught, natural or forced, is recorded.

Steam Turbine Machinery.

This section begins by recording the licensor of the turbines and the manufacturer. There follows (where applicable) a reference to the type of speed reduction gearing installed together with the principal details of the design - shaft horsepower and r.p.m. - ships speed - design vacuum - condenser cooling surface.

The boiler section is similar to that for steam reciprocating machinery. However, as most steam turbine ships had water tube boilers there is provision for the necessary details to be recorded.

Oil Engine Machinery.

This section describes the type of oil engine, the licensor and the manufacturer. The number and diameter of the engine cylinders and the engine stroke are given in millimetres.

The design (British) brake horsepower, r.p.m., ships speed and method of aspiration are also recorded. Where the service operating b.h.p. and r.p.m. are known they have been entered and noted accordingly. The service power chosen by most shipowners was ninety per cent of the maximum continuous rating of the

engine although some of Scotts' more conservative owners used a seventy five per cent rating.

Warships.

The standard data sheets referred to above cover most warships built by the company but it was thought desirable to provide distinctive data sheets for the forty four submarines built by them, one for those built between 1914 and 1948 and another for the Porpoise and Oberon Class submarines built post World War Two.

During the Second World War for security reasons all new build warship contracts were allocated 'J' numbers for use in correspondence. These 'J' numbers are included against the ship's name as are the pennant numbers allocated to World War Two submarines.

Propellers and Shafting.

On all data sheets there is a section on propellers and shafting. There is also a reference - Propulsion Mode - distinguishing between paddle and propeller drive. The entry - screw - refers to a single screw installation. Twin, triple or quadruple screw installations are noted accordingly.

The number of propellers, their diameter, pitch, number of blades, type, (built, solid, fixed, variable or controllable pitch) and material where known are entered. Particulars are also given of the diameter of crankshafts, (steam reciprocating engines only), intermediate and propeller (tail) shafts where known.

Electric Generators.

Scotts' first installed electric lighting sets c.1890 in steam yachts they built for themselves and other wealthy customers. It was not until just prior to the First World War that their use became common. After the war the introduction of motor driven auxiliary machinery in the engine room and on deck led to substantial increases in shipboard electric power.

Sea Trial Information.

From 1872 onwards Scotts filed very detailed records of the performance of their ships on sea trials (See Scotts archives, ref GD.319/23/2/1-4) and the essential elements of this information have been incorporated in this section of the data sheets.

The information relates to the ships performance on full power measured mile runs and includes displacement, draught, engine horsepower, revolutions per minute and the ships speed in knots.

Career.

Initial Trade.

A large proportion of the sailing ships built by the Scotts' up to and beyond 1850 were for local owners. The initial trade of many of these ships reflects the strong trading links at that time between Greenock and Glasgow and the West Indies. The strongest links were with Jamaica, Trinidad and Grenada but almost every other Caribbean island is mentioned including Barbados, Demerara, St. Vincent, Tobago, St. Kitts, Santa Dominica and the Virgin Islands. Towards the end of the period there was a perceptible broadening of trade to include Canada and India. The demise of Scott and Sons in parallel with the emergence of Scott & Co., and their adoption of iron steamers saw many foreign owners being added to their clientele. However, as described in Volume I the alliances established in the 1870s with Alfred Holt and John Swire linked Scotts' to far east trading for decades ahead.

Fate.

An analysis has been made of the ultimate demise of some nine hundred and eighty two ships built by the Scotts' at Greenock into categories as listed below.

<u>Fate.</u>	<u>Number of Ships.</u>
Wrecked, stranded or otherwise lost	194
Prizes taken	6
Destroyed by fire	16
Casualties of War	104
Broken up	411
Still in service	53
Not known	198

A closer look at the one hundred and ninety four ships in the first category shows that the great majority of casualties occurred in the period 1800-1860 and confirms the vulnerability of the wooden sailing ship, at that time virtually unchallenged on the long haul ocean routes. Again the great majority of ships in the 'not known' category were built in the period 1800-1860 and would almost certainly confirm the above statement.

Photographs.

Negatives and prints of Scott built ships are included in the Scott archive at Glasgow University, reference GD 319 sections 18 and 19.

The archive includes over 2,500 quarter and half plate negatives covering the period 1890-1928, discovered in the Cartsburn clock tower by the company design manager, James Crawford, who in his own time and over a number of years, identified, sorted and finally catalogued the collection. It also contains comprehensive sets of photographs of particular ships, e.g. the Dreadnought battleships, H.M.S. 'Colossus' and H.M.S. 'Ajax' built for the Royal Navy.

Photographs are also available covering ships built in the period pre 1890 and in the period 1929-1984.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JANET.				SHIP No	DELIVERY YEAR	
J. & W Scott Westburn	Sailing Vessel.	SHIP OWNER	D. Duncan, G. Lancaster, D. Angus Greenock				ENGINE No	1775	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	48.5	17.25	8.75			-	56 o.m.	-	-
HAUL CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Sloop	L. R.	-	1	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER Re-registered 15 Feb. 1787.									
Initial Trade									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	PRIMROSE.				SHIP No	DELIVERY YEAR	
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	John Scott Greenock.				ENGINE No	1779	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
						9.0		81 o.m.	
HAUL CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts	
					Ship.			3	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MARGARET.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	M. Jamieson, D. McLean	ENGINE No	1785

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	60.0	19.3	11.75				88 o.m.	—	—
BALL CAPACITY Cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	VOIDED STILL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Brig	L.R.	—	2	
DATES	Order			Keel Lay		Launch	1785	Delivery	1785
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER Re-registered 28 May 1787.

Initial Trade Greenock - Dublin.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BELL	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Hamilton, Garden & McCunn - Greenock	ENGINE No	1786

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	28.67	23.25	10.42				123 o.m.	-	-
PAID CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	L.R.		2		
DATES	Order			Keel Lay	Launch	1786	Delivery	4-10-1786	
Passengers Carried	1st Cl 2nd Cl 3rd Cl				Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

3rd July 1795 - reported taken, presumably by the French and brought into Aux-Caix, West Indies.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TIVOLI	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Jas McLeish, et al. Greenock.	ENGINE No	1786

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	84.58	24.67	11.67	13.0			207 o.m.	-	-
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.	L.R.		2		
DATES	Order	Keel Lay	Launch	1786	Delivery	1 Nov 1786			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Grenada.
Taken by a privateer, 21 st April, 1795, off Cape Antonio	
on voyage Jamaica - Greenock.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BELMONT	SHIP No	DELIVERY YEAR
Scott & Fraser Westburn	Sailing Vessel	SHIP OWNER	Ritchie, Malcolm & McNaught. Greenock.	ENGINE No	1786

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	59.4	16.6	9.0				67 o.m.	-	-
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-		1		
DATES	Order	Keel Lay	Launch	1786	Delivery	9 Nov 1786			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Grenada.
Taken by the French - 16 th January 1805.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	ELISABETH.	—	1786
		SHIP OWNER	ENGINE No	
		J. Garden, et al. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	96.0	26.92	12.0	15.0			280 o.m	-	-
BALL CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts
		carvel		wood		ship	L.R.		3
DATES	Order			Keel Lay		Launch	1786	Delivery 26 Nov 1786.	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Jamaica.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	JEANIE.	—	1786
		SHIP OWNER	ENGINE No	
		John McAulay, Snr. Greenock.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	42.75	14.08	6.58			-	33 o.m	-	-
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-	-	1		
DATES	Order			Keel Lay	Launch	1786	Delivery 23 Dec 1786		
Passengers Carried	1st Cl 2nd Cl 3rd Cl				Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BEE.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Jas. Scott, John Carmichael, Greenock	ENGINE No	1786

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	51.75	16.17	8.33	8.0			51.8 o.m.	-	-
HAUL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	L.R	-	1		
DATES	Order	Keel Lay	Launch	1786	Delivery	10 Nov 1786			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Waterford.
	Rebuilt & lengthened 1812.
	still trading 1824.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JENNY.	SHIP No	DELIVERY YEAR
J & W Scott Westburn.	Sailing Vessel	SHIP OWNER	J. Graham C. Lancaster A. Cooper	ENGINE No	1786

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	51.58	17.67	9.17	8.0			63 o.m.	-	-
HAUL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop		-	1		
DATES	Order	Keel Lay	Launch	1786	Delivery	20 Nov 1786			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CATHERINE	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	John McDonald. Inverness	ENGINE No	1787

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	37.9	12.67	11.75	-			24.0 m		
HALF CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop			1		
DATES	Order	Keel Lay	Launch	1787	Delivery	6 Apr. 1787			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BETTY CATHCART.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Hamilton, Gordon & McCunn. Greenock	ENGINE No	1787

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	93.67	26.33	12.0	15.0			270.0 m		
HALF CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship.	-		3		
DATES	Order	Keel Lay	Launch	1787	Delivery	25 Sept 1787			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Jamaica.

On voyage St. Domingo - London, 6 February 1795,
taken by French privateer 'City of Marseille'.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ACORN.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	John & Wm. Scott. Greenock	ENGINE No	1788

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	64.5	20.0	11.5	10.0			104 o.m	-	-
BAIJ CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.	L.R.		2		
DATES	Order	Keel Lay	Launch	Jan 1788	Delivery	19 Feb 1788			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Rotterdam.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	NEPTUNE.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Hunter & Robertson. Greenock	ENGINE No	1788

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	80.0	24.25	11.17	14.0			204 o.m	-	-
BAIJ CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship.	L.R.		3		
DATES	Order	Keel Lay	Launch	1788	Delivery	27 June 1788			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Halifax.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	ALBION	—	1789
		SHIP OWNER	ENGINE No	
		Hamilton, Garden & McCunn - Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	81.33	24.67	17.08	14.0			204 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STILL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Ship	L.R.	-	3
DATES	Order			Keel Lay		Launch	1789	Delivery 24 June 1789	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Virgin Islands.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	MARY.	—	1789
		SHIP OWNER	ENGINE No	
		J. Gordon, J. Fyfe. Glasgow	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	100.5	28.0	12.67	16.0			334 o.m	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.		3		
DATES	Order			Keel Lay		Launch	1789	Delivery 26 Nov. 1789	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Jamaica.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	FLY.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	John Campbell - Glasgow	ENGINE No	1791

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	43.0	15.88	8.58	8.0			44.75 o.m.	-	-
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	L.R.	-	1		
DATES	Order	Keel Lay	Launch	Delivery	30 Mar 1791				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Grenada.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BRUNSWICK.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Hunter & Robertson. Greenock	ENGINE No	1791

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	132.6	32.9	18.0				624 o.m.		
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	-	3		
DATES	Order	Keel Lay	Launch	Delivery	21 Mar 1791 14 Apr 1791				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Clyde - Nova Scotia.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	PHOENIX	SHIP No	DELIVERY YEAR
J & W. Scott Westburn	Sailing Vessel	SHIP OWNER	McNeil Glasgow	ENGINE No	1791

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	50.83	16.5	8.5	9.0			56 o.m.	-	-
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Sloop	-		1	
DATES	Order			Keel Lay		Launch		Delivery 18 Dec 1791	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Cork.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JOHNS.	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Clark, McIntyre & Lyon - Greenock	ENGINE No	1792

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	49.6	17.2	5.83				60.5 o.m.	—	—
HAUL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Gabbart.	L.R.	—	1	
DATES	Order			Keel Lay		Launch		Delivery 1792	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Not having been heard of for some years certification of Johns was cancelled 6 th May 1869.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>HAWK</u>	SHIP No —	DELIVERY YEAR
<u>J & W Scott Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Campbell & Ruthven . Greenock</u>	ENGINE No —	<u>1792</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	51.33	16.92	9.17				56 o.m.	—	—
HAUL CAPACITY Cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Sloop			1
DATES	Order			Keel Lay		Launch		Delivery 13 Jan 1792	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	<u>Registration cancelled at Lloyd's 29 Aug. 1815.</u>
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>CAMILLA.</u>	SHIP No —	DELIVERY YEAR
<u>J & W Scott Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Anderson, Fullarton et al. Greenock.</u>	ENGINE No —	<u>1792</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	56.0	17.92	8.5				70.3 o.m.	-	-
HAUL CAPACITY Cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Sloop			1
DATES	Order			Keel Lay		Launch		Delivery 5 Mar 1792	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>ECLIPSE.</u>				SHIP No	DELIVERY YEAR	
<u>J&W Scott Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Robertson & Humphrey. Greenock.</u>				ENGINE No	<u>1792</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>59.9</u>	<u>17.7</u>	<u>8.5</u>				<u>74.5 o.m</u>		
BALE CAPACITY cubic feet	<u>C_b</u>	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>		<u>Schooner</u>	<u>L.R.</u>		<u>2</u>	
DATES	Order			Keel Lay	Launch		Delivery <u>28 Mar 1792</u>		
Passengers Carried	<u>1st Cl</u>	<u>2nd Cl</u>	<u>3rd Cl</u>		Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade <u>Greenock - Jamaica.</u>									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>POLLY.</u>				SHIP No	DELIVERY YEAR	
<u>J&W Scott Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Richard Denniston et al. Greenock</u>				ENGINE No	<u>1792</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>63.6</u>	<u>20.46</u>	<u>8.67</u>	<u>9.0</u>			<u>105 o.m.</u>		
BALE CAPACITY cubic feet	<u>C_b</u>	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>		<u>Sloop</u>	<u>L.R.</u>		<u>1</u>	
DATES	Order			Keel Lay	Launch		Delivery <u>17 Oct 1792</u>		
Passengers Carried	<u>1st Cl</u>	<u>2nd Cl</u>	<u>3rd Cl</u>		Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade <u>Greenock - St. Kitts.</u>									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>BESSY</u>	SHIP No	<u>-</u>	DELIVERY YEAR
<u>J & W Scott Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Alex. Campbell. Greenock</u>	ENGINE No	<u>-</u>	<u>1793</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	47.5	15.92	8.5				47.3 o.m.	—	—
BAL. CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop			1		
DATES	Order			Keel Lay		Launch	Delivery 19 Mar 1793		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>ELIZABETH.</u>	SHIP No	<u>-</u>	DELIVERY YEAR
<u>J & W Scott Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>K & W. McKenzie Greenock</u>	ENGINE No	<u>-</u>	<u>1793</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	37.67	13.54	6.0	-			25.8 o.m	-	-
HALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		carvel - above clinker - below		Wood		Sloop	-	-	1
DATES	Order			Keel Lay		Launch		Delivery 21 Mar 1793	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CALEDONIAN	SHIP No	DELIVERY YEAR
J & W Scott West burn	Sailing Vessel	SHIP OWNER	Hunter & Robertson - Greenock	ENGINE No	1794

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	137.4	34.88	20.83	18.0			647 o.m.	-	-
HAUL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship			3		
DATES	Order	Keel Lay	Launch	Delivery	1 May 1794				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Carriage of timber for Royal Dockyards.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS PRINCE of WALES	SHIP No	DELIVERY YEAR
J & W Scott West burn	Sailing Vessel	SHIP OWNER	Revenue Dept.	ENGINE No	1794

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	93.33	27.05	13.3				307		
HAUL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	-	-	3		
DATES	Order	Keel Lay	Launch	Delivery	Oct 1794 1794				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Built as a revenue brig - 18 guns.
	Purchased before June 1806 by the Royal Navy and later renamed as a sloop (Thrush)
	1809 - Hulked as a gunpowder depot - Port Royal, Jamaica.
	1819 - Wrecked and sold.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JAMAICA	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Stirling, Gordon & Co. Glasgow.	ENGINE No	1796

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	105.17	28.0	19.5	16.0			334 o.m	-	-
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	-	3		
DATES	Order	Keel Lay	Launch	1796	Delivery	1796			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Clyde - Trinidad

Burnt out - near Port William, Wigtown - December 1855.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MINERVA	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	SHIP OWNER	Buchanan, Steven & Co. Glasgow	ENGINE No	1798

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	80.42	22.63	14.5	13.0			174 o.m.		
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.		3		
DATES	Order	Keel Lay	Launch	1798	Delivery	3 Feb 1798			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Grenada .

26 Jan 1802 - Lost on coast of Wales.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	DIANA.	—	1798
		SHIP OWNER Jas. Buchanan. Buchanan, Steven & Co. Glasgow	ENGINE No —	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	59.0	18.0	9.7	9.0			80 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	L.R.	-	2		
DATES	Order		Keel Lay		Launch	1798	Delivery 3 Feb 1798		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Martinique.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	POMONA	—	1798
		SHIP OWNER Archd. Smith & Co. Greenock	ENGINE No —	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	93.3	26.17	11.92	15.0			273 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.		3		
DATES	Order		Keel Lay		Launch	1798	Delivery 9 Oct 1798		
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Jamaica.
	19 th June 1818 - Reported lost on Calicos Bank
	on journey Jamaica - Glasgow.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	ALFRED.	—	—
SHIP OWNER	ENGINE No	—	—	—
E. Walkinshaw, R. McFarlane - Glasgow.	—	—	—	1798

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	103.75	28.6	18.92	16.0			344 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	—	—	3		
DATES	Order	Keel Lay	Launch	1798	Delivery	17 Dec 1798			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER

Initial Trade Greenock - Jamaica.

Lost off the island of Sardinia - September 1826

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	ECLIPSE	—	—
SHIP OWNER	ENGINE No	—	—	—
Robertson & Humphrey - Greenock	—	—	—	1799

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	53.5	16.2	9.5	9.0			57 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	—	—	2		
DATES	Order	Keel Lay	Launch	Delivery	10 Apr 1799				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER

Initial Trade Greenock - Tobago.

Remained in West Indies.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	PILGRIM	-	1799
		SHIP OWNER	ENGINE No	
		Hagart, McCull & Steel. Greenock	-	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	49.0	16.2	6.9				49.0 a.m.	-	-
BAL- CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WT KMT - TONS	No. of Masts		
		Carvel	Wood	Smack	-	-	1		
DATES	Order			Keel Lay		Launch	Delivery 23 Dec 1799		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	Captured by pirates and burnt - 16 th February 1825.
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
J & W Scott Westburn	Sailing Vessel	JAMES	-	1800
		SHIP OWNER	ENGINE No	
		Denniston & McGawn. Greenock	-	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	55.25	18.75	9.5				78 o.m	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Sloop	-		1	
DATES	Order			Keel Lay		Launch		Delivery 21 Jul 1800	
Passengers Carried	1st CI		2nd CI		3rd CI		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Bristol.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ANN	SHIP No	—	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Stirling, Gordon & Co. Glasgow	ENGINE No	—	1801

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	109-0	30-25	12-75	17-0			418 o.m.	—	—
MALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship	—		3	
DATES	Order			Keel Lay		Launch 14 Dec 1800		Delivery 9 Feb 1801	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Jamaica.

In 1834, owned by Shannon & Co. Glasgow & New York.

Painting by Robt. Salmon in Nat. Maritime Museum, Greenwich.

Wrecked on Charleston Bar — November 1835

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	FRIENDS	SHIP No	—	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Campbell, McCunn & McKellar, Glasgow.	ENGINE No	—	1802

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	52-67	17-33	7-08				66 o.m.	-	-
HALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Gabbart	-	-	1	
DATES	Order			Keel Lay		Launch		Delivery 13 Jul 1802	
Passengers Carried 1st Cl 2nd Cl 3rd Cl						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

Broken up. September 1870.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HOPE	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott & Son, - Greenock.	ENGINE No	1802

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	63.5	19.5	10.0	10.0			103 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	-		2		
DATES	Order	Keel Lay	Launch	11 Oct 1802	Delivery	23 Oct 1802			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	Built 'on spec'.
Initial Trade	Sold 1805 for Cork-Lisbon trade.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CLYDE	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	A & J Lamont Rothesay.	ENGINE No	1802

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	30.17	10.9	4.33				14.1 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-		1		
DATES	Order	Keel Lay	Launch		Delivery	1802			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>LARKE</u>	SHIP No	<u>-</u>	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Anderson & Fullarton - Greenock</u>	ENGINE No	<u>-</u>	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>41.75</u>	<u>15.17</u>	<u>6.75</u>						
BALE CAPACITY <small>cubic feet</small>	<u>C_b</u>	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>		<u>Sloop</u>			<u>1</u>	
DATES	Order			Keel Lay	Launch		Delivery <u>15 Oct 1802</u>		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>ROEBUCK</u>	SHIP No	<u>-</u>	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Colonel Campbell - Inverary</u>	ENGINE No	<u>-</u>	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
BALE CAPACITY <small>cubic feet</small>	<u>C_b</u>	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>		<u>Cutter</u>	<u>-</u>	<u>-</u>	<u>1</u>	
DATES	Order			Keel Lay	Launch <u>22 Jul 1803</u>		Delivery <u>22 Jul 1803</u>		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	PHOENIX	—	1803
		SHIP OWNER	ENGINE No	
		John Scott Snr? Greenock Wm. Scott — Barnstable	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	55.5	18.46	8.42				75 o.m.	-	-
BALF CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-		1		
DATES	Order			Keel Lay		Launch	Delivery 6 Sept 1803		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price £ 980.	Net Profit
CAREER	
Initial Trade	
Sank near Bowling Bay - anchor having gone through bottom - 30 October 1810.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	PRINCESS of WALES.	—	1803
		SHIP OWNER	ENGINE No	
		Neil McKellar. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	36.92	12.67	5.88				23.4 o.m	-	-
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Wherry	-	-	2		
DATES	Order			Keel Lay		Launch		Delivery 22 Dec. 1803	
Passengers Carried	1st Cl			2nd Cl		3rd Cl		Launch Sponsor	

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>ELIZABETH</u>				SHIP No	DELIVERY YEAR	
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>John Gordon et al Glasgow.</u>				ENGINE No	<u>1804</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>107.8</u>	<u>29.2</u>	<u>12.7</u>	<u>17.0</u>			<u>396 o.m</u>	-	-
BALF CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>		<u>Ship</u>	<u>L.R</u>		<u>3</u>	
DATES	Order			Keel Lay	Launch		Delivery <u>11 Jan 1804</u>		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade <u>Clyde - Jamaica</u>									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>JANE</u>				SHIP No	DELIVERY YEAR	
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>W. Benn. Argyll Iron Furnaces, Kivk Michael</u>				ENGINE No	<u>1804</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>31.7</u>	<u>11.25</u>	<u>4.08</u>				<u>15 o.m.</u>	-	-
BALF CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>		<u>Sloop</u>	-		<u>1</u>	
DATES	Order			Keel Lay	Launch		Delivery <u>15 June 1804</u>		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>ELIZABETH</u>	SHIP No —	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Stirling, Gordon & Co. Glasgow.</u>	ENGINE No —	<u>1805</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	105.42	29.0	12.67	17.0			388 o.m	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Ship	L.R.		3
DATES	Order			Keel Lay			Launch 3 Jan 1805	Delivery 11 Feb 1805	
Passengers Carried	1st Cl			2nd Cl		3rd Cl	Launch Sponsor		

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

Clyde Jamaica

1818 - Lost in the Gulf of Florida.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>UNKNOWN PACKET</u>	SHIP No —	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER		ENGINE No —	<u>1805</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Sloop			
DATES	Order			Keel Lay			Launch 6 May 1805	Delivery 1805	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JANE	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Stirling, Gordon & Co. Glasgow	ENGINE No	1806

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	106.08	29.5	13.25	17.0			398 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	-	3		
DATES	Order	Keel Lay	Launch	24 Dec 1805	Delivery	18 Jan 1806			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price £ 4900

Net Profit

CAREER

Initial Trade Clyde - Jamaica . Wrecked on voyage Jamaica - Greenock near Cape Corrientes, S.W. of Cuba - 9 June 1817.
Crew & passengers saved. Brought home in 'Elizabeth' of Bristol .

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	GRENADA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Ashley & Co. Liverpool	ENGINE No	1806

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	108.75	29.5	20.74	17.0			407 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Barque	L.R.	-	3		
DATES	Order	Keel Lay	Launch	13 Dec 1806	Delivery	1806			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade London - St. Vincent .
Lost off Aden - January 1842.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BRITANNIA.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	James Fyfe Glasgow	ENGINE No	1807

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	109-8	29-5	20-75	17-0			410 o.m	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R	-	3		
DATES	Order	Keel Lay	Launch	Delivery	16 Jan 1807				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Jamaica.
	Stranded - 1810.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ST. GEORGE	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Mungo Campbell et al. Glasgow.	ENGINE No	1807

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	55-42	16-04	8-75	8-0			53 o.m	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-	-	1		
DATES	Order	Keel Lay	Launch	Delivery	7 Mar 1807				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Granada.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	LAVINIA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	McFarlane, Farquhar & Glen - Glasgow.	ENGINE No	1807

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	39.83	13.3	6.65	-			28.07 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-	-	-	-	1
DATES	Order	Keel Lay	Launch	1807	Delivery	8 Apr 1807			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ACORN	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott, Snr Wm. Scott Barnstaple.	ENGINE No	1807

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	60.17	19.5	11.75	11.0			111 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	L.R.	-	2		
DATES	Order	Keel Lay	Launch	Delivery	28 May 1807				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Liverpool - Irish Sea ports.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	<u>STAG.</u>	<u>—</u>	<u>1807</u>
		SHIP OWNER	ENGINE No	
		<u>Thomas Hagart Glasgow.</u>	<u>—</u>	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	74.0	22.17	14.04	13.0			155 o.m	—	—
BALF CAPACITY Cubic Feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig			2		
DATES	Order			Keel Lay		Launch	Delivery 23 Jul 1807		
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade Greenock. St. Thomas . In November 1811 fired on & brought to by French privateer . However in heavy weather, captain changed course & fled . On 13 th Mar 1812 lost off the South Rocks Lighthouse - crew saved .	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	<u>JEAN</u>	<u>—</u>	<u>1808</u>
		SHIP OWNER	ENGINE No	
		<u>Alan Kerr J. Denniston. A. McMillan. Greenock.</u>	<u>—</u>	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	54.25	18.17	6.8			-	73 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Gabbart	-	-	1
DATES	Order			Keel Lay		Launch		Delivery 6 Jul 1808	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	OAK.	SHIP No	—	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott Snr } Wm. Scott — Greenock. Barnstable	ENGINE No	—	1808

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	70.25	20.75	12.63	12.0			128 o.m	—	—
HALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	L.R.	—	2		
DATES	Order	Keel Lay	Launch	Delivery	25 Aug 1808				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER

Initial Trade Greenock - New York.

Captured 1813.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JOHN CAMPBELL	SHIP No	—	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott Snr. } Wm. Scott — Greenock. Barnstable	ENGINE No	—	1809

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	108.5	29.8	20.58	17.0			416 o.m.	—	—
HALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	—	3		
DATES	Order	Keel Lay	Launch	19 Oct 1809	Delivery	21 Oct 1809			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price £ 5402 Net Profit

CAREER

Initial Trade Clyde - Grenada.

Painting of ship by Joseph Heard in
University of Liverpool collection.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TRIM.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott, Snr. } Greenock Wm. Scott } Barnstable	ENGINE No	1810

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	69-08	29-13	11-0	11-0			128 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig			2		
DATES	Order	Keel Lay	Launch	Jan 1810	Delivery	Jan 1810			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Fayal.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HOPEWELL.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	D. Gray. A. Weir A McKellar Greenock	ENGINE No	1812

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
							98 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	-	-	2		
DATES	Order	Keel Lay	Launch	12 May 1812	Delivery	28 May 1812			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>VENUS.</u>				SHIP No	DELIVERY YEAR	
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>H & J. McLean Greenock</u>				ENGINE No	<u>1812</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>36.75</u>	<u>12.83</u>	<u>6.5</u>				<u>24.3 o.m</u>	-	-
RAIL CAPACITY cubic feet	<u>C_b</u>	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
		<u>Carvel</u>	<u>Wood</u>		<u>Sloop</u>				<u>1</u>
DATES	Order		Keel Lay		Launch		Delivery		
					<u>14 Jul 1812</u>		<u>30 Jul 1812</u>		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>AMAZON</u>				SHIP No	DELIVERY YEAR	
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>R. Eccles Glasgow.</u>				ENGINE No	<u>1811</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>112.75</u>	<u>30.25</u>	<u>20.0</u>	<u>17.0</u>			<u>442 o.m</u>	-	-
RAIL CAPACITY cubic feet	<u>C_b</u>	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
		<u>Carvel</u>	<u>Wood</u>		<u>Ship</u>	<u>L.R.</u>		-	<u>3</u>
DATES	Order		Keel Lay		Launch		Delivery		
							<u>1811</u>		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade <u>London-Demerara.</u>									
<u>Lost January 1854.</u>									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons. Westburn	Sailing Vessel	CASTLE LACHLAN.	ENGINE No	1811
		J. Campbell Glasgow		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	112.25	29.92	20.83	17.0			447.0-m	-	-
BALE CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Brig	L.R.	-	2	
DATES	Order			Keel Lay		Launch 21 Oct 1811	Delivery 5 Nov 1811		
Passengers Carried	1st Cl		2nd Cl		3rd Cl	Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - St Vincent.
	Destroyed by fire. 1868.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	TRIO.	ENGINE No	1812

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship			3	
DATES	Order			Keel Lay		Launch 12 May 1812		Delivery 1812	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JESSIE	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	James Stewart Glasgow	ENGINE No	1813

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	72.17	22.42	14.92	13.0			161 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig			2		
DATES	Order	Keel Lay	Launch	18 May 1813	Delivery	22 May 1813			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Newfoundland.
	On 7 th March 1814, taken & burnt by the American privateer Amelia. Crew saved.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MARY ANN	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	M & A M'Leam	ENGINE No	1813

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	36.58	12.75	6.75				24.5 o.m.	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	-	-	1		
DATES	Order	Keel Lay	Launch	20 May 1813	Delivery	2 Jul 1813			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	John Scott, Snr. C.C. Scott	—	1813
		Greenock	ENGINE No —	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	57.25	18.75	10.33				84.8 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	L.R.	—	1		
DATES	Order			Keel Lay		Launch 29 May 1813	Delivery 6 Aug 1813		
Passengers Carried	1st Cl			2nd Cl		3rd Cl		Launch Sponsor	

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Sold on completion to R. Black, Irvine.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	D. Campbell J. Bannatyne	—	1813
		Rothsay	ENGINE No —	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	50.5	15.83	8.75				53.3 o.m.	—	—
BALE CAPACITY cu. ft.	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Sloop		—	1	
DATES	Order			Keel Lay		Launch 3 Aug 1813		Delivery 16 Aug 1813	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>PARAGON</u>	SHIP No	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER		ENGINE No	
		<u>James Eccles Glasgow</u>			<u>1814</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	108-33	28-33	13-0	16-0			383 o.m.	-	-
BALF CAPACITY <small>cubic feet</small>	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Cavel		Wood		Ship	L.R.		3
DATES	Order			Keel Lay			Launch 10 May 1814	Delivery 11 Mar 1814	
Passengers Carried - 1st Cl 2nd Cl 3rd Cl							Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	<u>Greenock - Demerara.</u>
	<u>Last off Barbados - 25th July 1832.</u>

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>ACTIVE & DESPATCH.</u>	SHIP No	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Steam Luggage Boat</u>	SHIP OWNER		ENGINE No	
					<u>1815</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
							59 o.m	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Cavel		Wood		-	-	-	-
DATES	Order			Keel Lay		Launch 1815		Delivery 1815	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	<u>These two vessels operated as cargo / luggage boats between Glasgow & Greenock 'every lawful day'.</u>
	<u>They were paddle steamers with steam machinery (10 NHP) provided by David Napier.</u>
	<u>Despatch was in use as a coal gabbart in 1844.</u>

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JAMES			SHIP No	DELIVERY YEAR		
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Buie - Iona Donald Gray - cooper - Greenock			ENGINE No	1815		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	46.75	15.17	8.17				44.3 o.m	-	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Sloop				1
DATES	Order			Keel Lay	Launch 26 Aug 1815			Delivery 21 Sept 1815.	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CRESCENT.			SHIP No	DELIVERY YEAR		
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Wallace & Baird Stranvaer			ENGINE No	1816		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
							104 o.m		
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Brig.				2
DATES	Order			Keel Lay	30 Nov. 1815	Launch		Delivery 1816	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>GANGES.</u>		SHIP No	DELIVERY YEAR	
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>J. Bailey Liverpool</u>		ENGINE No	<u>1816</u>	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	<u>111.5</u>	<u>29.7</u>	<u>20.8</u>	<u>18.0</u>			<u>430 o.m.</u>
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
		<u>Carvel</u>	<u>Wood</u>		<u>Ship</u>	<u>L.R.</u>	<u>3</u>
DATES	Order		Keel Lay		Launch <u>14 Jun 1816</u>		Delivery <u>21 Jun 1816</u>
Passengers Carried	<u>1st Cl</u>	<u>2nd Cl</u>	<u>3rd Cl</u>		Launch Sponsor		
CONTRACT OUTCOME							
Invoice Price <u>£ 5002.</u>				Net Profit			
CAREER							
Initial Trade <u>Liverpool - Calcutta</u>							
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>SUSANNA & GRACE</u>		SHIP No	DELIVERY YEAR	
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>David Urquhart - Greenock</u>		ENGINE No	<u>1817</u>	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	<u>68.25</u>	<u>19.67</u>	<u>11.73</u>	<u>10.0</u>			<u>113 o.m.</u>
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
		<u>Carvel</u>	<u>Wood</u>		<u>Brig.</u>	<u>L.R.</u>	<u>2</u>
DATES	Order		Keel Lay		Launch <u>5 Apr 1817.</u>		Delivery <u>26 Apr 1817</u>
Passengers Carried	<u>1st Cl</u>	<u>2nd Cl</u>	<u>3rd Cl</u>		Launch Sponsor		
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade <u>Greenock - Malta</u>							
<u>Totally lost with cargo 1st Dec 1823 on Ponta da Cavalleiro</u>							
<u>Only 3 saved:</u>							
<u>N.W. coast of Spain and Portugal.</u>							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ISABELLA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Robert Wallace Kelly, Inverkip	ENGINE No	1817

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	108.0	29.58	20.67	17.0		-	406 o.m.	-	-
RAFF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.		3		
DATES	Order	Keel Lay	15 May 1817	Launch	28 Oct 1817	Delivery	15 Nov 1817		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Clyde - Jamaica
	Destroyed by fire 5 th October 1850 in Prince of Wales Harbour.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	PILOT	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Joe Jardine } Pilots - Greenock John Deas }	ENGINE No	1818

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	30.33	11.75	5.75	-		-	16.6 o.m.	-	-
RAFF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Wherry	-		2		
DATES	Order	Keel Lay		Launch	16 Feb 1818	Delivery	1 Mar 1818		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Pilotage service - Clyde.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>DART</u>	SHIP No		DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Geo. David & Alex Kerr. Greenock</u>	ENGINE No		<u>1818</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	65.17	19.75	11.67	10.0		-	107 o.m	-	-
BALF CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.	L.R.	-	2		
DATES	Order			Keel Lay	Launch 22 Jul 1818	Delivery 5 Aug 1818			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade Greenock - Newfoundland.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>VICTORY</u>	SHIP No		DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>John Buie Neil McLeod John McPhail } Greenock. Farmers - Jura</u>	ENGINE No		<u>1818</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	43.42	14.83	8.08				38.6 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Sloop	—		1	
DATES	Order			Keel Lay		Launch 20 Aug 1818		Delivery 8 Sept 1818	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER

Initial Trade

Registration cancelled 20th Dec. 1861 having been lost
some years since.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MALAY	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	Robert Sinclair. Greenock.	ENGINE No	1818

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	- Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	87.17	23.83	16.0	15.0		-	215 o.m.	-	-
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	-	Carvel.	Wood	Ship	L.R.	-	3		
DATES	Order	Keel Lay	Launch	3 Sept 1818	Delivery	9 Sept. 1818			
Passengers Carried			Launch Sponsor						

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for Greenock - St. John's service.

Wrecked off Basque Island in St. Lawrence - 1st November, 1831.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CHRISTIAN	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	Chas. Stirling, Lanark	ENGINE No	1818

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	117.33	29.92	21.0	18.0		-	459 o.m.	-	-
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	-	3		
DATES	Order	Keel Lay	15 Nov. 1817	Launch	2 Oct 1818	Delivery	19 Oct 1818		
Passengers Carried				Launch Sponsor					

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for the Greenock - Jamaica trade.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. SIR WILLIAM WALLACE.		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	General Cargo Passenger	SHIP OWNER			ENGINE No	1819			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	80.0	16.0	8.92				109.70m		
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel	Wood (Oak)		Schooner				2
DATES	Order			Keel Lay	Launch 27 Apr 1819		Delivery 8 Jun 1819		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER James Cook Glasgow					TYPE Steam Simple				
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE Paddles		
N.H.P. 60	I.H.P. DESIGN RPM			DESIGN SPEED	KNOTS		CONDENSER COOLING SURFACE SQ. FT		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main : auxiliary			TYPE:			Working Pressure: main auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume				cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter				inches: length ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: - Diameter ft				inches	Floats: No	: L x B	ft.		
Feathering: _____									
Electric Generators: No. :					K.W. each: Voltage				
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.:	Cb -		Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.:		Vacuum		inches Hg
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Glasgow - Liverpool.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	ENGINE No	1819
		P.S. WATERLOO.	George Langtry	Belfast.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	106.3	21.3	9.6	8.5			130 o.m		
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0.		Wood				3		
DATES	Order	Keel Lay	Launch	15 Apr 1819	Delivery	18 Jul 1819			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER James Cook Glasgow			TYPE Steam Simple Horizontal.		
CYLINDER DIAMETERS - 2 x 30 INCHES			STROKE 3.0 FT.		PROPULSION MODE Paddles
N.H.P. 60	I.H.P. DESIGN RPM	DESIGN SPEED	7.5 KNOTS		CONDENSER COOLING SURFACE SQ. FT
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$	
No of Boilers : main					

TRIAL INFORMATION

Displacement	Tons : Draught	ft. : Cb -	: Speed -	Knots
I.H.P	R.P.M.	Steam Pressure at Engine	p.s.i. : Vacuum	inches Hg

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	Largest steamer built in the U.K. in 1819.
Initial Trade:	Inaugurated the steam service between Belfast & Liverpool.
	Later transferred to the Dublin - Liverpool service.
	She remained on the Irish trade until the mid 1820's.
	when she was acquired for the London - Gravesend
	service with General Steam Navigation Co (until c.1840)

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons. Westburn	Cargo Passenger	P.S. ROBERT BRUCE.	ENGINE No	1819
		SHIP OWNER		
		W. Mill, J. Alston & E. Richardson. Greenock		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	94.0	18.6	11.0				91 0.00		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
0		Corvel	Wood						
DATES	Order			Keel Lay		Launch	Delivery 26 Jul 1819		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER David Napier		Glasgow	TYPE Steam Simple Side Lever			
CYLINDER DIAMETERS-		INCHES	STROKE		FT.	PROPULSION MODE Paddles.
N.H.P. 60	I.H.P. DESIGN RPM		DESIGN SPEED		9 KNOTS	CONDENSER COOLING SURFACE - SQ. FT
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$		
No of Boilers: main : auxiliary		TYPE:			Working Pressure : main auxiliary - p.s.i.	
Dimensions DxL		ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.
Steam Space Volume		cubic feet	Furnaces : ^{total} no : dia ft inches : length ft inches			
Boiler Tubes : Diameter		inches : length	ft	inches	Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels:- Diameter		A inches	Floats : No : L x B ft.			
Feathering : _____						
Electric Generators : No. : K.W. each : Voltage						

TRIAL INFORMATION

Displacement	Tons: Draught	ft: Cb -	: Speed -	Knots
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i.: Vacuum	inches Hg

CONTRACT OUTCOME

Invoice Price	Net Profit
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CAREER

Initial Trade: Inaugurated the steamer service between the Clyde and Liverpool, calling twice weekly at Portpatrick and the Isle of Man.

In 1821 having been displaced on that route by another Scott built ship Majestic she was transferred to the Liverpool - Dublin route, but after only two months she went on fire and sank in shallow water after her passengers and their effects had been put ashore. After two unsuccessful salvage attempts she was declared a wreck.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CATHERINE	SHIP No	DELIVERY YEAR
Scott & Sons West burn	Sailing Vessel	SHIP OWNER	Chas. Stirling St. Enoch's Glasgow	ENGINE No	1819

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	106.17	28.42	22.17	16.0			376 o.m.	—	—
BULK CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship	L.R.	—	3	
DATES	Order			Keel Lay		Launch 12 June 1819		Delivery 23 Sept 1819	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Jamaica .
Lost on coast of Havana - 5 th April 1847.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BELLFIELD	SHIP No	DELIVERY YEAR
Scott & Sons West burn	Sailing Vessel	SHIP OWNER		ENGINE No	1820

TECHNICAL INFORMATION

DIMENSIONS IN FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
				19.0			473 o.m		
BULK CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship	L.R.	-	3	
DATES	Order			Keel Lay		Launch	Delivery	1820	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	London - Calcutta.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>EAGLE</u>	SHIP No	DELIVERY YEAR
<u>Scott & Sons</u> <u>Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>G, J & W Leitch</u> <u>Greenock</u>	ENGINE No	<u>1820</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	87-83	23-08	16-58	12-0		-	205 o.m.	-	-
BULK CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WT. CWT - TONS	No. of Masts		
		Carvel	Wood	Barque	L.R.	-	3		
DATES	Order			Keel Lay		Launch 6 Oct 1819		Delivery 27 Jan 1820	
Passengers Carried	1st Cl			2nd Cl		3rd Cl		Launch Sponsor	

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	<u>Greenock - Trinidad</u>

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>JANE FAIRLIE</u>	SHIP No	DELIVERY YEAR
<u>Scott & Sons</u> <u>Westburn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>Muir & Fairlie</u> <u>Glasgow</u>	ENGINE No	<u>1819</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
PILE CAPACITY sq ft	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WT CWT - TONS	No. of Masts
		Carvel		Wood		Ship			3
DATES	Order			Keel Lay			Launch 21 Oct 1819	Delivery- 1819	
Passengers Carried	1st Cl			2nd Cl			3rd Cl		
	Launch Sponsor								

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TRELAWNEY	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Chas. Stirling St. Enoch's Glasgow	ENGINE No	1820

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	- Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	108.33	29.5	20.5	16.0			405 o.m.		
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	-	3		
DATES	Order	Keel Lay	Launch	20 Nov 1819	Delivery	27 Jan 1820			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Jamaica.
	Lost August 1826 on Voyage Jamaica / Clyde.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ALBATROSS.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Robert Sinclair Greenock.	ENGINE No	1820

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	58.33	16.08	9.08				66.9 o.m.	-	-
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood.	Schooner	L.R.	-	2		
DATES	Order	Keel Lay	Launch	8 Aug 1820	Delivery	9 Sept 1820			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	Sold by Scotts to Chiappini & Co. Cape of Good Hope. S. Africa
Initial Trade	19 Dec 1820 - Arrived in Table Bay.
	For the following three years she was employed mainly between Table Bay & Algoa Bay (now Port Elizabeth)
	Resold later to Admiralty and disposed of by them in September 1833.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. IVANHOE		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	J. Hunter, J. Holmes, A. Law. Greenock.		ENGINE No	1820	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	97.33	19.0	14.5				89.5 a.m.
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0	Carvel.	Wood		Schooner		No. of Masts
DATES	Order		Keel Lay		Launch 17 Feb 1820		Delivery 15 Mar 1820
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER		David Napier Glasgow.		TYPE Steam Simple Side Lever			
CYLINDER DIAMETERS -		2 x INCHES		STROKE		FT.	
N.H.P. 60		L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.	
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches	
Boiler Tubes: Diameter		inches: length ft		inches		Fuel: Coal Draught: Natural Forced	
Paddle Wheels: Diameter		ft inches		Floats: No		: L x B ft.	
Feathering: _____							
Electric Generators: No.		:		K.W. each		Voltage	
TRIAL INFORMATION							
Displacement		Tons: Draught		ft: Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Holyhead - Dublin.							
1821 - Bought by the Postmaster General.							
1827 - Renamed 'Boxer' for the Isle of Wight service.							
1837 - Sold to Admiralty.							
1846 - Condemned.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. SUPERB		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	James Leith et al. Greenock		ENGINE No	1820	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	113.5	21.42	11.13	7.0		241.0	160.2
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0	Carvel.	Wood		Schooner	L.R.	No. of Masts
DATES	Order		Keel Lay		Launch 29 Apr 1820		Delivery 4 Jul 1820
Passengers Carried	1st Cl	2nd Cl	3rd Cl		62		
Launch Sponsor							
MACHINERY							
SUPPLIER		David Napier Glasgow.		TYPE Steam Simple Side Lever.			
CYLINDER DIAMETERS -		2 x 34 INCHES		STROKE		3.75 FT.	
PROPULSION MODE		Paddles.					
N.H.P.	72	I.H.P. DESIGN RPM			DESIGN SPEED	8 KNOTS	
CONDENSER COOLING SURFACE		SQ. FT					
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		: auxiliary		TYPE: Copper (first in steamer)		Working Pressure: main auxiliary p.s.i.	
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Total Grate Area		Sq. Ft.					
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches	
Boiler Tubes: Diameter		inches: length ft		inches		Fuel: Coal	
Draught: Natural		Forced					
Paddle Wheels: - Diameter: ft		- inches		Floats: No		: L x B ft.	
Feathering: _____							
Electric Generators: No.		:		K.W. each		Voltage	
TRIAL INFORMATION							
Displacement		Tons: Draught		ft: Cb -		: Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price		£ 14000		Net Profit			
CAREER		Largest steamer built in the U.K. in 1820. - described as "the finest					
Initial Trade:		Greenock - Liverpool..		largest & most powerful steam vessel in Britain.			
One of the first steamers trading in the Mediterranean.							
Sailed for Naples on 15 th March 1824 and ran between Naples & Palermo.							
Sold to foreigners at Naples on 7 th September 1826 and renamed							
'San Ferdinand de Pieina.							
Later bought by General Steam Nav. Co. London and in 1829 brought							
the Empress of Brazil from Ostend to London.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. MAJESTIC		SHIP No	DELIVERY YEAR				
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	C. Arnott et al. Rutherglen - Glasgow		ENGINE No	1821				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	134.9	22.7	14.5	11.25		239.7	143.0			
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0	Carvel	Wood		Schooner.			2		
DATES	Order			Keel Lay	Launch 19 Apr 1821		Delivery 22 Jun 1821			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	80	Launch Sponsor					
MACHINERY										
SUPPLIER	David Napier Glasgow			TYPE Steam Simple Side Lever.						
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE			
N.H.P. 100	L.H.P. DESIGN RPM - 56			DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE SQ. FT				
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$						
No of Boilers: main	: auxiliary			TYPE: Copper.		Working : main Pressure : auxiliary 4 p.s.i.				
Dimensions DxL				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.			
Steam Space Volume				cubic feet	Furnaces: total no	: dia ft	: inches	: length ft	: inches	
Boiler Tubes: Diameter				inches	: length ft	inches	Fuel: Coal.	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: Diameter ft				inches	Floats: No.	: L x B	ft.			
Feathering: _____										
Electric Generators: No.				:	K.W. each: Voltage					
TRIAL INFORMATION										
Displacement		Tons		: Draught	ft	: Cb -	: Speed -	Knots		
I.H.P.	R.P.M. 56.0	Steam Pressure at Engine			4 p.s.i.	: Vacuum	inches Hg			
CONTRACT OUTCOME										
Invoice Price £ 14000				Net Profit						
CAREER										
Initial Trade: Clyde - Liverpool via Portpatrick & Isle of Man.										
Passengers conveyed from Glasgow to Greenock via S.S. 'Post Boy'										
18 th Feb 1831 - sailed from Clyde to join Tees and Thames S.S. Co										
at Stockton.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. CITY OF GLASGOW.		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	Passenger Cargo	SHIP OWNER	W. Mills. D. Napier J. Little Glasgow.		ENGINE No	1822			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	123.5	22.0	12.5	6.7		191.3	124.0		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0.	Carvel	Wood (coppered)	Schooner			3		
DATES	Order		Keel Lay		Launch 23 May 1822		Delivery 28 May 1822		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER		D. Napier Glasgow.		TYPE Steam Simple Side Lever.					
CYLINDER DIAMETERS - INCHES				STROKE FT.		PROPULSION MODE Paddles.			
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE SQ. FT.				
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.l.			
Dimensions DxL ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.				
Steam Space Volume cubic feet			Furnaces: total no		: dia ft		inches: length ft inches		
Boiler Tubes: Diameter inches: length ft			inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: - Diameter: A inches			Floats: No		: L x B		ft.		
Feathering: _____									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: C _b -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.l.: Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 15000					Net Profit				
CAREER									
Initial Trade: Clyde - Liverpool.									
Up for sale January 1824 and subsequently bought by McIver and inaugurated the competition on this run with the Burns Line commenced in 1829.									
McIver & Burns lines later amalgamated.									
1836 - reboilered and put on the Hull-London trade.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ORION.				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Allan Seay RNYC. Glasgow				ENGINE No	1822	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	42.75	14.83	7.5				35 o.m.	-	-
RAE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED STEEL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Cutter	-			1
DATES	Order			Keel Lay		Launch		Delivery	1822
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade									
Broken up in 1870.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	UNKNOWN BRIG				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER					ENGINE No	1822	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
								-	-
RAE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED STEEL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Brig	-		-	2
DATES	Order			Keel Lay		Launch 9 Apr 1822		Delivery	1822
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade Clyde - West Indies.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	FLAMINGO	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Robert Sinclair et al. Greenock.	ENGINE No	1822

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	64.5	17.33	9.67	10.0			84.2 o.m.	-	-
SHIP CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	RYOICID STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	L.R.	-	2		
DATES	Order	Keel Lay	Launch	24 Aug 1822	Delivery	26 Sept 1822			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Ayr.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MONTEGO BAY	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Robert Dewar Lanark	ENGINE No	1822

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	45.67	14.58	8.17	8.0			39.9 o.m.	-	-
SHIP CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	RYOICID STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	L.R.	-	1		
DATES	Order	Keel Lay	Launch	16 Oct 1822	Delivery	17 Oct 1822			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Jamaica.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	PHOENIX	—	1822
		SHIP OWNER	ENGINE No	
		John Scott. Snr. Robt. Sinclair Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	70.5	20.67	10.33	10.0			117 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.	L.R.	—	2		
DATES	Order			Keel Lay		Launch 15 Oct 1822	Delivery 9 Nov 1822		
Passengers Carried	1st Cl		2nd Cl		3rd Cl	Launch Sponsor			

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER

Initial Trade London - Santa Dominica.

Lost near Donaghadee - January 1825.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Son. Westburn	Sailing Vessel	VULTURE	—	1823
		SHIP OWNER	ENGINE No	
		John Scott, Snr. C.C. Scott Greenock.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	75.25	21.0	12.0	12.0			144 o.m.	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	L. R.	—	2		
DATES	Order			Keel Lay	Launch 29 Jan 1823	Delivery — 1823			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER

Initial Trade Greenock - St. Thomas.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SAINT JAMES	—	1823
		SHIP OWNER	ENGINE No	
		R. Dewar. Glasgow.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	94.0	24.5	14.5	12.0		—	250 o.m.	—	—
SALE CAPACITY GROSS TONS	C ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel.	Wood		Brig.		—	2	
DATES	Order			Keel Lay		Launch 25 Sept 1823		Delivery 7-Oct 1823	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

For the Greenock - Jamaica trade.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	MARGARET	—	1824
		SHIP OWNER	ENGINE No	
		John Scott, Jr. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	94.25	24.5	17.0	15.0		—	251.3 o.m.	—	—
SALE CAPACITY Gross Tons	C ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood		Brig.	—	—	2	
DATES	Order			Keel Lay		Launch 16 Mar 1824		Delivery 24 Mar 1824	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for the Greenock - St. Thomas trade.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TERRA NOVA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Stewart & Rennie Greenock	ENGINE No	1824

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	80.5	22.25	14.0	13.0			174 o.m.	-	-
RAIF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INDICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.			2		
DATES	Order	Keel Lay	Launch	Delivery	2 Aug 1824				
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Liverpool - Newfoundland.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	DIANA (complete rebuild)	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER		ENGINE No	1824

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	61.0	19.33	12.0				933 o.m.	-	-
RAIF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INDICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig			2		
DATES	Order	Keel Lay	Launch	Delivery	19 Oct 1824				
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	See page 16. for original build.
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. TRINACRIA		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER			ENGINE No	1825	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	
	113.5	21.83	14.0			174.0	
Register	Displacement	Deadweight					
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel	Wood.		L.R.		
DATES	Order	Keel Lay	Launch	8 Jan 1825	Delivery	1825	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Side Lever.			
CYLINDER DIAMETERS - INCHES				STROKE FT.		PROPULSION MODE Paddles	
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED 9 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main : auxiliary		TYPE: Box - (made of copper)		Working Pressure: main : auxiliary		p.s.l.	
Dimensions DxL ft		Total Heating Surface Sq. Ft.		Total Grate Area		Sq. Ft.	
Steam Space Volume cubic feet		Furnaces: total no		: dia ft		: length ft	
Boiler Tubes: Diameter inches		: length ft		: inches		Fuel: Coal	
Paddle Wheels: - Diameter ft		: inches		Floats: No		: L x B ft.	
Feathering: _____							
Electric Generators: No.				: K.W. each : Voltage			
TRIAL INFORMATION							
Displacement Tons		: Draught ft		: Cb -		: Speed - 9 Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.l. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 15,000				Net Profit			
CAREER							
Initial Trade: (First steam engines built by the Scotts at Greenock Foundry.)							
: Naples - Palermo.							
Later was acquired by the General Steam Nav. Co and							
placed on the London - Hamburg service, as 'Hylton Jolliffe'.							
300 tons burden.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>AYRSHIRE</u>				SHIP No —	DELIVERY YEAR	
<u>Scott & Sons West burn</u>	<u>Sailing Vessel</u>	SHIP OWNER					ENGINE No —	<u>1825</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>75.0</u>	<u>21.0</u>	<u>12.0</u>	<u>13.0</u>			<u>140 o.m.</u>	—	—
RAE CAPACITY GWT	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED STEEL WEIGHT - TONS	No. of Masts
		<u>Carvel</u>	<u>Wood</u>		<u>Schooner</u>				<u>2</u>
DATES	Order			Keel Lay		Launch <u>14 May 1825</u>		Delivery <u>1825</u>	
Passengers Carried	<u>1st Cl</u>	<u>2nd Cl</u>	<u>3rd Cl</u>			Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade <u>Glasgow - Ayrshire.</u>									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	<u>KINGS COVE</u>				SHIP No —	DELIVERY YEAR	
<u>Scott & Son West burn</u>	<u>Sailing Vessel</u>	SHIP OWNER	<u>M' Braire</u> <u>Leith</u>				ENGINE No —	<u>1825</u>	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>75.3</u>	<u>21.0</u>	<u>12.0</u>	<u>13.0</u>			<u>144 o.m.</u>	—	—
RAE CAPACITY GWT	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED STEEL WEIGHT - TONS	No. of Masts
		<u>Carvel</u>	<u>Wood</u>		<u>Schooner</u>				<u>2</u>
DATES	Order			Keel Lay		Launch <u>2 Jul 1825</u>		Delivery <u>12 Jul 1825</u>	
Passengers Carried	<u>1st Cl</u>	<u>2nd Cl</u>	<u>3rd Cl</u>			Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade <u>Greenock - Newfoundland.</u>									
<u>Ex L.R. 1861.</u>									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CORSAIR	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	W & F. Reid. Glasgow	ENGINE No	1825

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	58.83	17.46	10.08				77.2	-	-
SHIP CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	-	-	2		
DATES	Order	Keel Lay	Launch	Delivery	3 Mar 1825				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	£ 1140	Net Profit	
CAREER			
Initial Trade			
Lost at Jamaica - 19 February 1839.			

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SOPHIA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Hugh Robertson Alec McAuslan Glasgow	ENGINE No	1825

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	93.25	25.41	17.25	14.0			267 o.m.	-	-
SHIP CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.	L.R.	-	2		
DATES	Order	Keel Lay	Launch	Delivery	31 Mar 1825				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Quebec.
Lost	22nd November 1837.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Ship</u>	<u>MICHAEL WALLACE</u>	<u>-</u>	<u>1825</u>
		SHIP OWNER	ENGINE No	
		<u>R.M. Brown</u>	<u>-</u>	
		<u>Halifax, Canada</u>		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>28-25</u>	<u>21-17</u>	<u>13-42</u>	<u>13-0</u>			<u>149-6 o.m</u>	<u>-</u>	<u>-</u>
BALF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	NO. OF STEEL	NO. OF TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>	<u>Brig</u>	<u>L.R.</u>	<u>-</u>	<u>-</u>	<u>2</u>	
DATES	Order	Keel Lay	Launch	Delivery					
			<u>16 May 1825</u>	<u>10 Sep 1825</u>					
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	<u>Greenock - Halifax</u>

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
<u>Scott & Sons Westburn</u>	<u>Sailing Vessel</u>	<u>CALYPSO</u>	<u>-</u>	<u>1825</u>
		SHIP OWNER	ENGINE No	
		<u>Eccles & Co</u>	<u>-</u>	
		<u>Glasgow</u>		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	<u>109-0</u>	<u>27-9</u>	<u>19-5</u>	<u>17-0</u>			<u>379 o.m</u>	<u>-</u>	<u>-</u>
BALF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	NO. OF STEEL	NO. OF TONS	No. of Masts	
		<u>Carvel</u>	<u>Wood</u>	<u>Schooner</u>	<u>L.R.</u>	<u>-</u>	<u>-</u>	<u>2</u>	
DATES	Order	Keel Lay	Launch	Delivery					
			<u>17 Sept 1825</u>	<u>13 Oct 1825</u>					
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	<u>Greenock - Trinidad</u>
	<u>Re-registered in Alloa - 1859</u>

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Son Westburn	Sailing Vessel	GEORGE	—	1826
		SHIP OWNER	ENGINE No	
		R. Cochran Paisley	—	

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	94.0	25.92	15.5	16.0			275 o.m.	-	-
HAUL CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	NO. OF STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Brig			- 2	
DATES	Order			Keel Lay		Launch 10 Dec 1825		Delivery 16 Jan 1826	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Malta.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	META	—	1826
		SHIP OWNER	ENGINE No	
		J McWhirter, J. Cooper Glasgow	—	

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	81.0	22.25	13.25	15.0			170 o.m.	—	—
HAUL CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRILLED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Brig	—		2	
DATES	Order			Keel Lay		Launch 26 Mar 1826		Delivery 5 Apr 1826	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - La Guayra.
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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. COUNTESS OF GLASGOW.		SHIP No.	DELIVERY YEAR			
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	C.S. Parker, J. Kerr, J. Kerr		ENGINE No	1826			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	100-0	17-58	8-42			-	89-7 o.m		
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0-	Carvel	Wood		Schooner				2
DATES	Order			Keel Lay	Launch		Delivery 14 Jun 1826.		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER James Cook - Glasgow.					TYPE Steam Simple Side Lever.				
CYLINDER DIAMETERS -				INCHES	STROKE		FT.	PROPULSION MODE Paddles	
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions DxL				ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces: total no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter				inches: length ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: - Diameter A inches				Floats: No. : L x B ft.					
Feathering: _____									
Electric Generators: No. :					K.W. each: Voltage				
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.:	Cb -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.:		Vacuum		inches Hg
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade:									
Broken up - 1836.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. WILLIAM HUSKISSON		SHIP No	DELIVERY YEAR	
Scott & Sons, Westburn	Cargo Passenger	SHIP OWNER	Mersey & Clyde Steamship Co. Liverpool		ENGINE No	1826	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	137.8	23.75	14.5	9.0			227 o.m.
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0.	Carvel	Wood			L.R.	
DATES	Order		Keel Lay		Launch 10 Jul 1826		Delivery 23 Sept. 1826
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER Scott Sinclair & Co				TYPE Steam Simple Side Lever			
CYLINDER DIAMETERS - INCHES				STROKE FT.		PROPULSION MODE Paddles	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE SQ. FT		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main : auxiliary		TYPE:			Working Pressure: main auxiliary p.s.l.		
Dimensions D x L ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet			Furnaces: total no : dia ft		inches: length ft inches		
Boiler Tubes: Diameter inches: length ft			inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels: Diameter ft inches			Floats: No		L x B ft		
Feathering: _____							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement Tons		Draught ft		Cb -		Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine p.s.l.			Vacuum inches Hg		
CONTRACT OUTCOME							
Invoice Price £6070				Net Profit			
CAREER							
Initial Trade: Glasgow - Liverpool (1826-1831)							
Dublin - Liverpool (1831-1840)							
Lost 12 January 1840 - en route Dublin to Liverpool							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	ENGINE No	1826
P.S. TOWN OF DROGHEDA.				
Drogheda Steam Packet Co. Drogheda.				

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	136.1	20.8	14.7	12.0		-	395 o.m.		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0	Carvel	Wood.		Barque			3	
DATES	Order			Keel Lay		Launch	Delivery 12 Nov 1826.		
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

MACHINERY

SUPPLIER	Scott, Sinclair & Co	TYPE	Steam Simple Side Lever
CYLINDER DIAMETERS -	INCHES	STROKE	FT.
N.H.P. 140	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS
EXPANSION RATIO	RATIO	Air Pump Capacity LP. Cylinder Volume	S.W. Circ. Pump Capacity LP. Cylinder Volume
No of Boilers: main	: auxiliary	TYPE:	Working : main Pressure : auxiliary p.s.i.
Dimensions D x L	ft	Total Heating Surface	Sq. Ft
Steam Space Volume	cubic feet	Furnaces : total no	: dia ft inches : length ft inches
Boiler Tubes : Diameter	inches : length ft	inches	Fuel-Coal Draught : Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels : - Diameter ft - inches	Floats : No	: L x B	ft.
Feathering :			
Electric Generators : No.	:	K.W. each : Voltage	

TRIAL INFORMATION

Displacement	Tons : Draught	ft : C _b -	: Speed -	Knots
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i. : Vacuum	inches Hg

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade:	Drogheda - Liverpool (1826-1846).
	Cork - Bristol - briefly - 1827
	Sold 1848 - converted to sail, she went to the Mediterranean;
	foundering in May 1849 about 100 miles east
	of Gibraltar.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	UNION	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	A. Smith & R McCunn. Glasgow	ENGINE No	1826

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	48.5	15.6	8.0	6.0			48.2 o.m.	-	-
BALF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENVOIED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Smack	-	-	1		
DATES	Order	Keel Lay	Launch	Delivery	14 Sept 1826				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Grenada
	Lost at Grenada - 15 th May 1835.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HANOVER	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Stirling, Gordon & Co. Glasgow	ENGINE No	1826

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	95.25	26.33	17.5	16.0			291 o.m.	-	-
BALF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENVOIED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Barque	L.R.	-	3		
DATES	Order	Keel Lay	Launch	Delivery	20 Sep. 1826 2 Oct 1826				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Jamaica.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ARK.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn		SHIP OWNER	John Scott jr. C. C. Scott.	ENGINE No	1826

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	48-75	16-33	7-6			5	53-3 o.m.	-	-
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	STEEL	NO. OF MASTS		
		Carvel	Wood.	Sloop	L.R.	-	1		
DATES	Order	Keel Lay	Launch	16 Jul 1826	Delivery	27 Jul 1826			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BRITANNIA.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Jas. Stuart. Greenock.	ENGINE No	1827

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	62-33	19-5	11-0	10-0			98-4 o.m.	-	-
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	STEEL	NO. OF MASTS		
		Carvel	Wood	Schooner			2		
DATES	Order	Keel Lay	Launch	30 Aug 1827	Delivery	13 Sept 1827			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Newfoundland.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No.	DELIVERY YEAR
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	ENGINE No	1827
P.S. UNKNOWN PADDLE STEAMER				

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
						—	200 0-m.		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.	Carvel	Wood						
DATES	Order			Keel Lay	Launch		Delivery For Sale 13 Apr 1827		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				

MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam Simple Side Lever				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles.		
N.H.P. 80	I.H.P DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT		
EXPANSION - RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.l.		
Dimensions DxL ft				Total Heating Surface Sq. Ft		Total Grate Area Sq. Ft			
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		: length ft inches	
Boiler Tubes: Diameter inches				: length ft		: inches		Fuel: Coal	Draught: Natural / Forced
Paddle Wheels: - Diameter ft inches				Floats: No		: L x B		ft.	
Feathering: _____									
Electric Generators: No.				: K.W. each: Voltage					

TRIAL INFORMATION				
Displacement	Tons	Draught	ft. : Cb -	: Speed - Knots
I.H.P	R.P.M.	Steam Pressure at Engine	p.s.l. : Vacuum	inches Hg

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER	
Initial Trade:	Advertised for sale on 13 th April 1827
	in the 'Greenock Advertiser'
	'To be named by the purchaser'

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. FROLIC		SHIP No	DELIVERY YEAR				
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	John Scott jr. Greenock		ENGINE No	1827				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	105.5	18.5	9.83	9.0		—	100 o.m.			
BALL CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0	Carvel	Wood		Schooner	L.R.			3	
DATES	Order			Keel Lay	Launch 31 Aug 1827		Delivery 6 Sept 1827			
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor					
MACHINERY										
SUPPLIER Scott. Sinclair & Co					TYPE Steam Simple Side Lever					
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE Paddles			
N.H.P. 90	L.H.P. DESIGN RPM			DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE SQ. FT.				
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main : auxiliary p.s.i.				
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area		
Steam Space Volume				cubic feet	Furnaces: total no		: dia	ft	inches: length	
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: Diameter				A	inches	Floats: No	: L x B	ft.		
Feathering: _____										
Electric Generators: No.					:	K.W. each: Voltage				
TRIAL INFORMATION										
Displacement		Tons: Draught		ft.	Cb -		: Speed -			
Knots										
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.:	Vacuum			
inches Hg										
CONTRACT OUTCOME										
Invoice Price £6000.					Net Profit					
CAREER										
Initial Trade: Clyde - Belfast.										
March 1831 - Lost in stormy weather off Nash Sands off Swansea.										
50 passengers & crew lost.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CHRISTINA & SUSAN	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Richard Adams, pilot Greenock	ENGINE No	1828

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	32.0	11.33	5.33				16.4 o.m.	-	-
BALE CAPACITY GROSS NET	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Wherry	-	-	2		
DATES	Order	Keel Lay	Launch	3 Jan 1828	Delivery	14 Jan 1828			
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Clyde Estuary pilotage

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CLEOPATRA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Nicholas Walsh Greenock	ENGINE No	1828

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	78.0	21.5	14.6	13.0			161 o.m.		
BALE CAPACITY GROSS NET	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts		
	-	Carvel	Wood	Brig	L.R.	-	2		
DATES	Order	Keel Lay	Launch	2 Feb 1828	Delivery	29 Feb 1828			
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Liverpool - Santa Dominica

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	LADY CATHCART.	—	1828
		SHIP OWNER	ENGINE No	
		Donald S. Duncan. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	82.75	22.75	15.5	14.0			188 o.m.	-	-
BULK CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	NO. OF STEEL DECK TONS	NO. OF Masts		
		Carvel	Wood	Brig	L.R.	-	2		
DATES	Order			Keel Lay		Launch 25 Aug 1828	Delivery 8 Sept 1828		
Passengers Carried	1st Cl 2nd Cl 3rd Cl			Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade Greenock - Barbados.	
Burnt out, Kingston, Jamaica, 26 June 1831.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	DIAMOND	—	1828
		SHIP OWNER	ENGINE No	
		John Crawford, shipmaster, Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	44.83	17.58	8.58	9.0			63.6 o.m.	—	—
BULK CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	NO. OF STEEL DECK TONS	No. of Masts	
		Carvel	Wood		Smack	L. R.	—	1	
DATES	Order			Keel Lay		Launch 28 Oct 1828		Delivery 29 Oct 1828	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Grenada.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ARETHUSA	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	W & J Eccles. Glasgow.	ENGINE No	1828

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	100.83	26.75	18.5	16.0			322 o.m.	-	-
PAK CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	-		3		
DATES	Order	Keel Lay	Launch	Delivery	7 Nov 1828				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Trinidad.
On 30 th Dec 1859 inward bound with cargo of tobacco & mahogany from Cuba ran ashore at Bag & Bun Head, Co. Wexford with loss of all sails.	
On New Years Day 1860 she drove ashore at Barrow & went to pieces.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ARGYLL	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Leitch, shipmaster, Greenock	ENGINE No	1829

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	94.33	25.08	17.25	15.0			262 o.m.	-	-
PAK CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	L.R.	-	2		
DATES	Order	Keel Lay	Launch	Delivery	8 Jan 1829 17 Jan 1829				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Demerara.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. GLASGOW.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	General Cargo	SHIP OWNER	G.&J. Burns. Glasgow.		ENGINE No	1829	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	146.0	23.0				280.0	
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel	Wood				
DATES	Order		Keel Lay	Launch	Delivery 14 Mar 1829		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	CaIRD & Co.		Greenock	TYPE Steam Simple Side Lever			
CYLINDER DIAMETERS -	2 x	INCHES	STROKE	FT.	PROPULSION MODE	Paddles.	
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE	SQ. FT	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main	: auxiliary	TYPE:		Working : main Pressure : auxiliary		5 p.s.i.	
Dimensions D x L	ft		Total Heating Surface	Sq. Ft.		Total Grate Area	Sq. Ft.
Steam Space Volume	cubic feet		Furnaces: ^{total} no	: dia	ft	inches : length	ft inches
Boiler Tubes : Diameter	inches : length		ft	inches	Fuel - Coal	Draught : ^{Natural} Forced	
Paddle Wheels: - Diameter	ft inches		Floats : No	: L x B	ft.		
Feathering: _____							
Electric Generators : No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement	Tons : Draught		ft. : Cb -	: Speed -	Knots		
I.H.P	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum	inches Hg		
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Greenock - Jamaica.							
1837 - Sold to the Dundalk Steam Packet Co.							
Broken up - 1855.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. FAIR TRADER.				SHIP No	DELIVERY YEAR	
Scott & Sons. Westburn	Cargo Passenger	SHIP OWNER	Drogheda Steamship Co. Drogheda				ENGINE No	1829	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	134.0	23.0		10.5			200 d.m.		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.	Carvel	Wood.		Schooner			2	
DATES	Order			Keel Lay		Launch 18 Aug 1829		Delivery 14 Oct 1829	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		
MACHINERY									
SUPPLIER Scott, Sinclair & Co.					TYPE Steam Simple Side Lever.				
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE		
N.H.P. 150	I.H.P. DESIGN RPM			DESIGN SPEED	KNOTS		CONDENSER COOLING SURFACE SQ. FT		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers : main : auxiliary			TYPE :			Working : main Pressure : auxiliary p.s.l.			
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume				cubic feet	Furnaces : ^{total} no	dia ft	inches : length ft	inches	
Boiler Tubes : Diameter				inches : length ft	inches	Fuel. Coal	Draught : Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels : - Diameter A				inches	Floats : No	L x B ft.			
Feathering : _____									
Electric Generators : No.				:	K.W. each : Voltage				
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P	R.P.M.	Steam Pressure at Engine			p.s.l. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 4427				Net Profit					
CAREER									
Initial Trade : Drogheda - Liverpool :									
Commodious accommodation for cattle .									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HELEN.				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	J. Morrison R & J. Kerr Greenock				ENGINE No	1829	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	88.0	22.42	14.67			-	176 o.m.	-	-
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Brig			-	2
DATES	Order			Keel Lay	Launch 1 Aug 1829		Delivery 19 Aug 1829		
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
built for the West Indian trade.									
Lost off the coast of Ireland - 6 th December 1830.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JOHN SCOTT.				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	East India Co Eccles & Co. agents. Glasgow.				ENGINE No	1829	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	99.25	26.38	18.33	16.0		-	308 o.m.	-	-
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
-	-	Carvel	Wood		Ship	L.R.		-	3
DATES	Order			Keel Lay	Launch 17 Oct 1829		Delivery 30 Oct 1829.		
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
built for the Greenock-Demerara service.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HOPE and HAWK.	SHIP No	—	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	John Scott Greenock	ENGINE No	—	1830

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
							30 o.m.	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Cutter	—	—	1		
DATES	Order	Keel Lay	Launch	1830	Delivery	1830			
Passengers Carried			Launch Sponsor						

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Both vessels used as family sailing cutters - used for racing and won many prizes.
Hawk was later sold and adapted for the fishing trade.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MARGARET	SHIP No	—	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Wm. Vallance Exeter.	ENGINE No	—	1830

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	81.5	22.25	15.0			—	179	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	—	—	2		
DATES	Order	Keel Lay	Launch		Delivery	5 May 1830			
Passengers Carried			Launch Sponsor						

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER. Liverpool - Demerara.

With first owner until 1842

1843-8 owned by J. Anderson, Dundee.

on Dundee-Baltic trade.

Lost latterly on voyage to Galatz and Constantinople

homeward bound in Aegean Sea c. 4th November 1848.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No.	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	CLARENCE	—	1830
		SHIP OWNER	ENGINE No	
		Robert Sinclair. Greenock.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
BALP CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENVOICD STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Cutter					
DATES	Order	Keel Lay	Launch	1830	Delivery	1830			
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	Owned by John Scott's son in law, Robert Sinclair and
Initial Trade	raced frequently against John Scott's Hawk.
	Later became a pilot boat & was run down
	off Garroch Head.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No.	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	NORTH STAR	—	1830
		SHIP OWNER	ENGINE No	
		John Scott, jr Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	41.5	13.67	7.0			—	30 o.m.	—	—
BALP CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENVOICD STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Sloop	—	—	1		
DATES	Order	Keel Lay	Launch	9 June 1830	Delivery				
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	1835 - Sold to Customs & Excise as an Excise cutter.
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	METEOR	—	1830
		SHIP OWNER	ENGINE No	
		Jas & Wm. Stewart - Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	87.25	23.67	15.92	15.0			215 o.m.	-	1017.0
RAIL CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Brig	L.R.	-	2	
DATES	Order			Keel Lay		Launch 7 Oct 1830		Delivery 8 Oct. 1830	
Passengers Carried -	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	London - Monsarrat.
	Wrecked off the coast of Trinidad - after 1842.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	JAMES EWING	—	1831
		SHIP OWNER	ENGINE No	
		James Ewing, et al. Glasgow.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	93.75	25.33	17.41	15.0			265 o.m.	-	-
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	VOIDED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Barque	L.R.	-	3	
DATES	Order			Keel Lay		Launch 12 Oct 1831	Delivery 19 Oct 1831		
Passengers Carried	1st Cl		2nd Cl		3rd Cl	Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
£ 3000	
CAREER	
Initial Trade	Greenock - Jamaica.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. HERALD		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Bristol, St. Ives & Hayle S.P.Co. Hayle		ENGINE No	1831			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	118-4	19-18	12-17	9-5		207	127	-	-
SALE CAPACITY Tons Per	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel.	Wood						
DATES	Order			Keel Lay	Launch 31 Jul 1831		Delivery 1831		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam Simple Side Lever				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles.		
N.H.P. 130	L.H.P. DESIGN RPM			DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces : total no : dia ft			inches : length ft inches		
Boiler Tubes : Diameter inches : length ft				inches		Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels : - Diameter ft inches				Floats : No : L x B ft.					
Feathering : _____									
Electric Generators : No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 2550.					Net Profit				
CAREER									
Initial Trade: Bristol Channel.									
Withdrawn from service Oct. 30., 1847.									
Scrapped 1849.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. CORNUBIA		SHIP No.	DELIVERY YEAR			
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Pimm & Co. Plymouth		ENGINE No.	1832			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	108.25	17.5	11.25			-	940m		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.	Carvel.	Wood.			L.R.		3	
DATES	Order		Keel Lay		Launch 28 May 1832		Delivery 28 July 1832.		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam Simple Side Lever.				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles.		
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main : auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.				
Dimensions D x L ft			Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet			Furnaces: total no : dia ft			inches: length ft inches			
Boiler Tubes: Diameter inches: length ft			inches			Fuel Coal		Draught: Natural / Forced	
Paddle Wheels - Diameter A inches			Floats: No : L x B ft.						
Feathering: _____									
Electric Generators: No. :			K.W. each: Voltage						
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: 1832-8 : Plymouth - Channel Islands. service.									
1838-9 : Aberdeen-Leith service - Plymouth, Falmouth & Penzance S.P.Co.									
1842 : Arrived in Australia - owned by Benjamin Boyd.									
1846 : Used as a survey ship by Lt.Col. Barney when he selected Port Curtis as the capital of the new colony of "North Australia" and this led to 'Cornubia' being depicted on the Common Seal of the Gladstone (Queensland) City Council.									
10 th Mar. 1849 : Wrecked Anetium in the New Hebrides (now Vanuatu). Engines taken ashore to power a sandalwood mill. Relics discovered in 1985.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. UNION	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	General Cargo	SHIP OWNER	Workington & Maryport S.S. Co.	ENGINE No	1833

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	111.0	17.53	11.42	9.0			99.8 a.m.		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0	Carvel	Wood	Schooner			2		
DATES	Order 25 July 1832	Keel Lay		Launch		Delivery 22 Apr 1833.			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER	Scott Sinclair & Co	TYPE	Steam simple Side Lever.
CYLINDER DIAMETERS -	INCHES	STROKE	FT.
N.H.P. 80	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS
EXPANSION RATIO	RATIO	Air Pump Capacity L.P. Cylinder Volume	S.W. Circ. Pump Capacity L.P. Cylinder Volume
No of Boilers: main	: auxiliary	TYPE:	Working : main Pressure : auxiliary
Dimensions DxL	ft	Total Heating Surface	Sq. Ft.
Steam Space Volume	cubic feet	Furnaces : total no	: dia ft : inches : length ft : inches
Boiler Tubes : Diameter	inches : length ft	inches	Fuel: Coal
Paddle Wheels : Diameter ft	inches	Floats : No	: L x B ft
Feathering :			
Electric Generators : No.	:	K.W. each : Voltage	

TRIAL INFORMATION

Displacement	Tons : Draught	ft : Cb -	: Speed -	Knobs
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.l. : Vacuum	inches Hg

CONTRACT OUTCOME

Invoice Price	£ 1365	Net Profit	
CAREER -			
Initial Trade:	Irish Sea ports		
	15 th October 1852 - Lost at Dardanelles.		

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. GREEN ISLE.		SHIP No -	DELIVERY YEAR						
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Drogheda Steamship Co. Drogheda		ENGINE No -	1833						
TECHNICAL INFORMATION												
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight			
	137.08	23.0	14.25	10.5		-	213 o.m					
SAFETY CAPACITY	C ₀	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts					
	0	Carvel	Wood	Schooner			2					
DATES	Order		Keel Lay	18 th Mar 1833	Launch	1833	Delivery	1833				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor								
MACHINERY												
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Side Lever								
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE					
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE -			SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume					
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary				p.s.i.		
Dimensions D x L			- ft		Total Heating Surface		Sq. Ft.		Total Grate Area		Sq. Ft.	
Steam Space Volume -			cubic feet		Furnaces: ^{total} no		: dia - ft		: length - ft		inches	
Boiler Tubes: Diameter			- inches: length		- ft		- inches		Fuel: Coal.	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels - Diameter			ft. inches		Floats: No		: L x B		ft			
Feathering:										inches		
Electric Generators: No.			:		K.W. each:		Voltage					
TRIAL INFORMATION												
Displacement		Tons:		Draught		ft.:		Cb -		Speed -		Knots
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.:		Vacuum		inches Hg		
CONTRACT OUTCOME												
Invoice Price				Net Profit								
CAREER												
Initial Trade: Drogheda - Liverpool.												
Commodious accommodation for cattle.												

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ROBERTSON.	SHIP No	DELIVERY YEAR
Scott & Son Westburn	Sailing Vessel	SHIP OWNER	John Neill, John Gray. Greenock.	ENGINE No	1832

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	105-0	26-75	18-5	16-0		-	334 o.m.	-	-
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENGINE STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.		3		
DATES	Order			Keel Lay		Launch 13 Mar 1832	Delivery 14 Mar 1832		
Passengers Carried	1st Cl		2nd Cl	3rd Cl	Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Greenock - Quebec.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	PEARL	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott, jr. C.C. Scott.	ENGINE No	1833

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	61.5	17.8	6.17				82.5 o.m.	-	-
RAIL CAPACITY cu. ft. per foot	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENGINE STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	L.R.	-	2		
DATES	Order			Keel Lay	Launch	Delivery 18 May 1833			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	£ 1030.	Net Profit
CAREER		
Initial Trade	Clyde - Irish Sea Ports.	
	Pearl was run down off Liverpool in August 1844.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SAINT JAMES	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	C. Stirling, W.L. Ewing. Glasgow.	ENGINE No	1833

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	37.75	14.25	7.0				29.7 o.m.	-	-
HAUL CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INDICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Cutter			1		
DATES	Order	Keel Lay	Launch	8 Nov 1833	Delivery	8 Nov 1833			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	Clyde - Irish Sea Ports.
Vessel lost off Harmony Hall wharf of Trelawny	
on 18 th February 1840.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	KIRKMAN FINLAY	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Ker & Co. Greenock	ENGINE No	1834

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	115.75	29.42	20.42				439.3 o.m.	-	-
HAUL CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INDICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship			3		
DATES	Order	Keel Lay	Launch	30 Jan 1834	Delivery	6 Feb. 1834			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	
Lost off Isle of Arran (Pladda) - November 1856.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MARGARET GRAHAM	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	J. Hamilton Glasgow.	ENGINE No	1834

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	103-0	25-92	18-0				305 o.m.	-	-
SELF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	REGISTERED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Barque			3		
DATES	Order	Keel Lay	Launch	15 Jan 1834	Delivery	11 Feb 1834			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	
Lost on voyage, Singapore - Canton, in typhoon - July 1836.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	RUBY	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	R. M'Brair Glasgow.	ENGINE No	1834

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	62-58	18-33	10-08				88-6 o.m.	-	-
SELF CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	REGISTERED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig.			2		
DATES	Order	Keel Lay	Launch	20 Feb 1834	Delivery	16 May 1834			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. JAMES OSWALD.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	River Steamer.	SHIP OWNER	Dr. Stevenson, Surgeon, Glasgow.		ENGINE No	1834	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	101.67	14.75	8.33			-	68 o.m.
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.	Carvel	Wood	none	-	-	-
DATES	Order	Keel Lay	Launch	28 Feb. 1834		Delivery 1 Apr. 1834	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Scott Sinclair & Co			TYPE	Steam Simple Side Lever.		
CYLINDER DIAMETERS -	INCHES			STROKE	FT.	PROPULSION MODE	Paddles
N.H.P.	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE	SQ. FT.		
EXPANSION RATIO	RATIO	Air Pump Capacity L.P. Cylinder Volume		RATIO	S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main	: auxiliary	TYPE:	Working Pressure	main auxiliary	p.s.i.		
Dimensions DxL	ft	Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.		
Steam Space Volume	cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches		
Boiler Tubes: Diameter	inches: length ft	inches	Fuel Coal	Draught: Natural	Forced		
Paddle Wheels: Diameter	ft. inches.	Floats: No.	: L x B	ft.			
Feathering:							
Electric Generators: No.	:	K.W. each	: Voltage				
TRIAL INFORMATION							
Displacement	Tons	Draught	ft. : Cb -	: Speed -	Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i. : Vacuum	inches Hg			
CONTRACT OUTCOME							
Invoice Price	Net Profit						
CAREER							
Initial Trade: Glasgow, Helensburgh & the Galloway service.							
Scrapped c. 1840 at Bowling Bay.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. IRISHMAN.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Patvick Ternan & Co. Drogheda.		ENGINE No	1834.	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	144.0	23.5		11.0			-232 o.m.
SALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0	Carvel	Wood		-	-	-
DATES	Order	Keel Lay	Launch 8 Aug 1834		Delivery 3 Sept 1834		
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor			
MACHINERY							
SUPPLIER	Scott Sinclair & Co				TYPE Steam Simple Side Lever.		
CYLINDER DIAMETERS -	2 x	INCHES	STROKE		FT.		
N.H.P.	190	L.H.P. DESIGN RPM	DESIGN SPEED		8 1/2 steam sails KNOTS		
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume =		S.W. Ctr. Pump Capacity L.P. Cylinder Volume =		
No of Boilers: main	:	auxiliary	TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions DxL	ft		Total Heating Surface		Sq. Ft.		Total Grate Area Sq. Ft.
Steam Space Volume	cubic feet		Furnaces:	total no	dia ft	inches	length ft inches
Boiler Tubes: Diameter	inches		length ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter	ft. inches.		Floats: No.		L x B ft.		
Feathering: .							
Electric Generators: No.	:	K.W. each: Voltage					
TRIAL INFORMATION							
Displacement	Tons		Draught	ft.	Cb -	Speed -	Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.	Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price	Net Profit						
CAREER							
Initial Trade:	Drogheda & Liverpool service.						
(Fuel consumption - 36 tons per day.)							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. GLEN ALBYN.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Glen Albyn Steam Packet Co. Glasgow		ENGINE No	1834.	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	121.33	19.375	12.6	9.0		200	191
BALE CAPACITY (CUBIC FEET)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0.	Carvel	Wood		Schooner		No. of Masts
DATES	Order		Keel Laid		Launch 28 May 1834		Delivery 19 Sept 1834.
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER	Scott Sinclair & Co				TYPE Steam Simple Side Lever.		
CYLINDER DIAMETERS -	INCHES		STROKE		FT.		PROPULSION MODE
							Paddles.
N.H.P. 165	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE
							SQ. FT.
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume
No of Boilers: main	: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter		inches : length ft		inches		Fuel Coal Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter		ft. inches.		Floats: No.		: L x B ft.	
Feathering:							
Electric Generators: No.				K.W. each: Voltage			
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Glasgow - West Highlands. First steamer to call at St. Kilda.							
1837: with North British Steam Nav. Co.							
1836-1841: On Berwick on Tweed service.							
1841: with Hull & Leith Steam Packet Co.							
1854: N & C.L. Ringrose, Hull.							
Feb 1856: Wrecked at mouth of River Maas.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P. S. GRANA UEILE.		SHIP No	DELIVERY YEAR	
Scott & Sons Westbury	Paddle Steamer	SHIP OWNER	Drogheda Steamship Co.		ENGINE No	1835	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	148-0	24-0				245	
DISPLACEMENT							Deadweight
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts
	0	Carvel	Wood	Schooner	-		2
DATES	Order	Keel Lay	Launch	Delivery	1835		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Scott, Sinclair & Co.			TYPE	Steam Side Lever Simple		
CYLINDER DIAMETERS - 2 x	INCHES		STROKE	FT.	PROPULSION MODE	Paddles	
N.H.P. 190	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS		CONDENSER COOLING SURFACE	SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main	: auxiliary	TYPE:		Working Pressure: main		auxiliary p.s.i.	
Dimensions D x L	ft		Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.	
Steam Space Volume	cubic feet		Furnaces: total no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter	inches: length ft		inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No.	RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-							inches
Electric Generators: No.		:	K.W. each: Voltage				
TRIAL INFORMATION							
Displacement	Tons	Draught	ft.	Cb -	: Speed -	Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.	Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price		Net Profit					
CAREER							
Initial Trade: Drogheda & Liverpool service.							
Went on fire * 13 th April 1847 on voyage Liverpool - Drogheda.							
90 passengers & crew aboard. 68 survived.							
* North of Lambay Island.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. CITY OF ABERDEEN		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Aberdeen & London Shipping Co. Aberdeen		ENGINE No	1835	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	193.3	28.7	19.0	14.0		877.6	552.9
BALE CAPACITY CUBIC FEET	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0	Carvel	Wood		Schooner	L.R	No. of Masts
DATES	Order		Keel Lay 8 Apr. 1834		Launch 3 Feb 1835		Delivery 5 Jun 1835
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER Scott, Sinclair & Co.				TYPE Steam Simple Side Lever			
CYLINDER DIAMETERS - 2 x 62 INCHES				STROKE 5.5 FT.		PROPULSION MODE Paddles	
N.H.P. 200	I.H.P. DESIGN RPM 18 light : 10 loaded		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main 5 : auxiliary	TYPE :		Working Pressure main auxiliary p.s.i.				
Dimensions DxL ft		Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet		Furnaces : total no : dia ft inches : length ft inches					
Boiler Tubes : Diameter inches : length ft inches		Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Paddle Wheels : Diameter 25 ft. 6 inches. Floats : No. 19. : L x B 8.75 x 2.5 ft.							
Feathering :							
Electric Generators : No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement Tons		Draught ft. : Cb -		Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade : London & Aberdeen.							
21 st June 1860 : Sold to the Sicilian Govt.							
Later called Rosolino Pilo and incorporated into the Royal Italian Navy in which she served as a paddle transport, 1 st class.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons West burn	Sailing Vessel	CHRISTIAN.	—	1834
		SHIP OWNER	ENGINE No	
		C. Stirling, W.L. Ewing.	—	
		Glasgow		

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	36.42	13.5	7.0				26.00 m.	-	-
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	-	Carvel	Wood		Cutter	-	-	1	
DATES	Order			Keel Lay		Launch 7 Nov 1834		Delivery 7 Nov 1834.	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME									
Invoice Price					Net Profit				

CAREER.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons West burn	Sailing Vessel	MALABAR.	—	1835
		SHIP OWNER	ENGINE No	
		Gray & Co.	—	
		Greenock		

TECHNICAL INFORMATION									
DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	111.25	27.5	18.75				373.0	—	—
BALE CAPACITY cubic feet	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood		Ship	Lloyd's	—	3	
DATES	Order			Keel Lay		Launch 1 Jul 1835		Delivery 29 Jul 1835	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME									
Invoice Price					Net Profit				

CAREER.									
built for the Liverpool - Bombay service.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. ERIN GO BRAGH		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Patrick Ternan & Co. Drogheda.		ENGINE No	1835	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
							460 o.m.
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0.	Carvel	Wood				No. of Masts
DATES	Order		Keel Lay		Launch 26 Sept 1835		Delivery 1835
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER Scott Sinclair & Co				TYPE Steam Simple Side Lever.			
CYLINDER DIAMETERS - INCHES				STROKE FT.		PROPULSION MODE Paddles	
N.H.P. 260	I.H.P. DESIGN RPM		DESIGN SPEED		CONDENSER COOLING SURFACE		SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.	
Dimensions DxL ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.	
Steam Space Volume cubic feet				Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter inches : length ft				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter ft. inches.				Floats: No.		: L x B ft.	
Feathering:							
Electric Generators: No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -		Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Drogheda & Liverpool service.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. JUPITER.				SHIP No 115 (see notes)	DELIVERY YEAR
Scott & Sons Westburn	Cargo Passenger.	SHIP OWNER	St. George Steam Packet Co. Dublin.				ENGINE No -	1836
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	158-17	25-0	15-92	13-0		610	288	-
SALE CAPACITY GROSS TONS	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED ITEMS WEIGHT - TONS	No. of MASS
	0	Carvel	Wood.			L.R.	-	-
DATES	Order			Kel Lay	Launch		Delivery 11 Jan 1836	
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor		
MACHINERY								
SUPPLIER Scott Sinclair & Co.					TYPE Steam simple side lever.			
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE	Paddles
N.H.P. 200	I.H.P. DESIGN RPM			DESIGN SPEED	9 KNOTS		CONDENSER COOLING SURFACE	SQ. FT.
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	: auxiliary			TYPE:		Working Pressure: main 7.0 p.s.i. auxiliary		
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural / Forced
Paddle Wheels - Diameter				ft. in.	Floats: No.	: L = B	ft.	
Feathering: _____								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft. : Cb -	: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg		
CONTRACT OUTCOME								
Invoice Price £20,000				Net Profit				
CAREER								
Initial Trade: Clyde & Dublin service.								
July 1844 - Sold to Cork Steamship Co.								
Apr 1846 - Grounded in the Avon - lost a stud of 9 valuable horses + 200 pigs.								
Jan 1848 - Bought by P & O.								
26 June 1852 - Sold to shipbreakers								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	DIAMOND		
		SHIP OWNER	ENGINE No	1836
		McArthur, Glasgow & Liverpool		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	63.1	16.9	10.0				87.0	—	—
BALE CAPACITY <small>over Deck</small>	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	—	—	— 2		
DATES	Order			Keel Lay	Launch	Delivery - 9 Jan 1836			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER. built by Scotts initially 'on spec'.
Used on Liverpool / Glasgow trade.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	BRIDE		
		SHIP OWNER	ENGINE No	1836
		N. Campbell. J. McCunn J. Ferguson - Ship Master Greenock		

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	77.9	19.4	14.4			-	186.0	-	-
BALE CAPACITY cub. ft.	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Brig	-	-	2		
DATES	Order			Keel Lay	Launch	Delivery 26 Mar 1836			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER.
Initial Trade : Clyde - Rio de Janeiro.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SAPPHIRE John Scott jr. C.C. Scott Greenock.	— ENGINE No —	1836

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	66.4	17.9	11.35				107.2	-	-
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	-	-	2		
DATES	Order			Keel Lay	Launch	Delivery 27 June 1836.			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER. Clyde - Liverpool.	
Foundered on voyage - Liverpool / Glasgow. 29 th Dec. 1842.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	CARNATIC John Scott jr. C.C. Scott Greenock	116 (old) ENGINE No —	1837

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	116.9	26.4	19.6				575.6	—	—
BALE CAPACITY <small>cubic feet</small>	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Ship	L.R.	—	3		
DATES	Order			Keel Lay	Launch 10 Jan 1837	Delivery 24 Feb 1837			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	
built for the East India trade.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. TOBERMORY		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	John Sinclair et al. Lochaline		ENGINE No	1837	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross Register Displacement Deadweight	
	80.1	11.7	8.2			55.3	
BALE CAPACITY CUBIC FEET	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel	Wood	Sloop	-		1
DATES	Order	Keel Lay	June 1836	Launch	24 Nov - 1836	Delivery	11 March 1837
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Scott Sinclair & Co.			TYPE	Steam Simple Side Lever		
CYLINDER DIAMETERS -	INCHES			STROKE	FT.	PROPULSION MODE	
						Paddles	
N.H.P. 47	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main	: auxiliary	TYPE:		Working Pressure		main auxiliary p.s.i.	
Dimensions DxL	ft		Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.	
Steam Space Volume	cubic feet		Furnaces: total no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter	inches: length ft		inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: Diameter	ft. inches		: Floats: No.	: L x B	ft.		
Feathering:							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement	Tons: Draught		ft. : Cb -	Speed -	Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum	inches Hg		
CONTRACT OUTCOME							
Invoice Price	Net Profit						
CAREER							
Initial Trade: West Highlands.							
1838: sold to Thomson & McConnell.							
1854: broken up.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. MONTROSE.		SHIP No (117) <i>see notes.</i>	DELIVERY YEAR			
Scott & Sons Westbourn	Cargo Passenger	SHIP OWNER	London & Montrose Steam Shipping Co. London		ENGINE No --	1837			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	155.8	24.0	16.5	12.33		603	235	--	--
BALE CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel	Wood			-		-	-
DATES	Order		Keel Laid 16 Aug 1836		Launch 8 Apr 1837		Delivery		1837.
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam Simple Side Lever.				
CYLINDER DIAMETERS - 2 * INCHES					STROKE FT.		PROPULSION MODE Paddles.		
N.H.P. 260	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume =		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =	
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.	
Dimensions DxL		ft		Total Heating Surface		Sq. Ft.		Total Grate Area Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		: length ft	
Boiler Tubes: Diameter		inches: length ft		inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter		ft. inches.		Floats: No.		: L x B		ft.	
Feathering: . . .									
Electric Generators: No.		:		K.W. each		Voltage			
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Peninsular Service									
16 January 1840 - purchased by P&O.									
1846 - lengthened at Cowes. (166.8 feet)									
July 1852 - sold to Portuguese Govt. and renamed 'Duque de Saldanha'									
on 12 Oct 1852 (price £12500)									
May 1854 - As a navy transport ship she was part of a fleet which took the Portuguese Sovereign Don Pedro V to the UK.									
July 1854 - Returning from Madeira, ran ashore on northern coast of Portugal and became a total loss.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. TAGUS.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Peninsular & Oriental Co. London		ENGINE No	1837	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	182.1	17.33	17.0	14.5		743	463
DISPLACEMENT	Deadweight						
BALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Carvel	Wood				3
DATES	Order		Keel Lay		Launch 22 Apr 1837		Delivery 14 Sep. 1837
Passengers Carried	1st Cl 90		2nd Cl - 3rd Cl -		Launch Sponsor -		
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Side Lever.			
CYLINDER DIAMETERS - 2 x 62 INCHES				STROKE 5.75 FT.		PROPULSION MODE Paddles.	
N.H.P. 286	I.H.P. DESIGN RPM		19.0		DESIGN SPEED 9 1/2 KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 3 : auxiliary		TYPE: Box / Flue		Working Pressure: main 12 : auxiliary		p.s.i.	
Dimensions 10.0h x 7.0w x 24.25l ft		Total Heating Surface		Sq. Ft.		Total Grate Area	
Steam Space Volume		cubic feet		Furnaces: total no 12 : dia ft		inches: length ft	
Boiler Tubes: Diameter 10 inches: length 10 ft		0 inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter 23 ft. 6 inches.		Floats: No.		: L x B		ft.	
Feathering: .							
Electric Generators: No.		:		K.W. each: Voltage			
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb -		: Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price		Net Profit					
CAREER							
Initial Trade: Peninsular Service - London, Falmouth, Oporto, Lisbon, Cadiz,							
Gibraltar, Malaga.							
Was largest ship built on Clyde to date (1837).							
Originally laid down as 'Britannia' for John Bourne & partners.							
1842 - registered as a P&O ship.							
1847 - Trooping between Constantinople & Salonika for Turkish Govt.							
1863 - Laid up.							
20 April 1864 - Sold to Swan, Thomson & Moore for scrapping.							
1865 - Scrapped at Port Glasgow.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	CORNELIAN.	—	1837
		SHIP OWNER	ENGINE No	
		John Scott, jr. C.C. Scott.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	64.6	17.8	11.1				99.4	—	—
BALE CAPACITY cubic feet	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood.		Schooner	—	—	2	
DATES	Order			Keel Lay		Launch	Delivery 28 Sept 1837		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER. Clyde - Liverpool.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	POTENTATE.	—	1838
		SHIP OWNER	ENGINE No	
		John McCunn Neil Campbell.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	99.9	22.9	16.6				345	—	—
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Barque	L.R.	—	3		
DATES	Order			Keel Lay		Launch 12 Jan 1838	Delivery 16 Jan 1838		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	
built for the Clyde - Valparaiso trade.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. HOPE.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Cape of Good Hope Strm. Nav. Co, Cape Town		ENGINE No	1838	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
				5-6			194
SALE CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0.	Carvel	Wood		Schooner		No. of Masts
DATES	Order	Keel Lay		Launch 11 Jun 1838		Delivery 8 Aug 1838	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Side Lever.			
CYLINDER DIAMETERS - 2 x				INCHES	STROKE	FT.	PROPULSION MODE Paddles.
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ Pump Capacity L.P. Cylinder Volume		
No of Boilers: main	: auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.	
Dimensions DxL			ft	Total Heating Surface	Sq. Ft.	Total Grate Area - Sq. Ft.	
Steam Space Volume			cubic feet	Furnaces: total no	: dia ft	inches: length - ft - inches	
Boiler Tubes: Diameter			inches: length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels: Diameter			ft. inches.	Floats: No.	: L x B		ft.
Feathering:							
Electric Generators: No.				K.W. each: Voltage			
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb -		: Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg.	
CONTRACT OUTCOME							
Invoice Price £ 10.000				Net Profit			
CAREER							
Initial Trade: Cape Town - Port Elizabeth.							
10 th March 1840 - Ran ashore on her way to Port Elizabeth.							
All on board (72) saved.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SCOTLAND.				SHIP No 124 (old)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	W. Morrison Glasgow				ENGINE No —	1838
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	106.9	24.4	18.7				363	—
SALE CAPACITY Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
—	—	Carvel	Wood		Ship	L.R.		—
DATES	Order		Keel Lay 16 June 1838		Launch 7 Nov 1838		Delivery 26 Nov 1838	
Passengers Carried					Launch Sponsor			
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER.								
built for the Clyde - Calcutta - Singapore service.								
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	AKBAR.				SHIP No 125 (old)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Gray Robert Dunlop Geo. Hunter Greenock Glasgow				ENGINE No —	1839
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	102.2	22.6	17.6			—	337.4	—
SALE CAPACITY Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
—	—	Carvel	Wood		Barque	L.R.		—
DATES	Order		Keel Lay 16 Nov 1838		Launch 1 May 1839		Delivery 15 Jul 1839.	
Passengers Carried					Launch Sponsor			
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER. Clyde : Mauritius.								
Broken up . 1880 .								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No (old)	DELIVERY YEAR
Scott & Sons West Burn	Sailing Vessel	J. Henderson, A. McKellar Glasgow	126 (old)	1839

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	69.0	17.6	11.5				111.8		
BALE CAPACITY (GROSS TONS)	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	REGISTERED GROSS TONS	No. of Masts	
-	-	Carvel	Wood		Schooner	L.R.	-	2	
DATES	Order			Keel Lay 16 Jan 1839		Launch 20 May 1839		Delivery 31 May 1839	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			

CAREER: London - Cuba.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No (old)	DELIVERY YEAR
Scott & Sons West Burn	Sailing Vessel	Gibson, Lamont & Brown Glasgow	129 (old)	1839

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	68.7	18.3	12.2				126.5	-	-
RAIL CAPACITY Gross Tons	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	ENGINE STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Brig.	L.R.	-	2
DATES	Order			Keel Lay	6 June 1839	Launch 6 Nov 1839		Delivery 12 Dec. 1839	
Passengers Carried 1st Cl 2nd Cl 3rd Cl						Launch Sponsor			

Wrecked at Langhorne Sands, Wales, 30th January 1862.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott Smclair & Co West Burn	Paddle River Steamers	Dom Pedro Infante Dom Henrique	-	1839

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	91.0 0.2	14.0	7.0			154	-	-	-
RAIL CAPACITY Gross Tons	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENGINE STEEL WEIGHT - TONS	No. of Masts		
		Clincher	Iron						
DATES	Order			Keel Lay		Launch	Delivery May 1839		
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Engines - 30 N.H.P		

'Dom Pedro' was based at Lisbon & operated on the River Tagus.

Infante Dom Henrique "Sebutal" "River Sado.

Sold in 1868 for scrap

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. INDIA.				SHIP No.	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Peninsular & Oriental Co. London				ENGINE No.	1839	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	183.0	26.5	19.8	17.5		871	502	-	-
SALE CAPACITY GROSS TONS	G _D	CONSTRUCTION	MATERIAL & P		NOED	CLASSIFICATION SOCIETY	BYWARD STRIKES PER 10 FT. TONS	No. of MASTS	
	0	Carvel	Wood		Schooner	L.R.	-	2	
DATES	Order -			Kel Lay -	Launch 19 Jan 1839		Delivery 23 Dec 1839.		
Passenger Carried	1st Cl 80 2nd Cl - 3rd Cl -				Launch Sponsor M ^{rs} Kendall, wife of L ^t . Kendall R.N.				
MACHINERY									
SUPPLIER Scott Sinclair & Co					TYPE Steam Simple Side Lever				
CYLINDER DIAMETERS - 2 x 63 INCHES					STROKE 5.75 FT.		PROPULSION MODE Paddles.		
N.H.P. 320	I.H.P. DESIGN RPM 20.			DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main : auxiliary			TYPE:			Working : main Pressure : auxiliary p.s.f.			
Dimensions D x L ft				Total Heating Surface Sq Ft		Total Grate Area Sq Ft			
Steam Space Volume cubic feet				Furnaces : total no : dia ft inches : length ft inches					
Boiler Tubes : Diameter inches : length ft				Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Paddle Wheels - Diameter 26 ft. 6 in. Floats : No. : L = B : 8.0 x 2.25 ft.									
Feathering :									
Electric Generators : No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.f. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Originally laid down for the India Steam Ship Co. which collapsed pre-launch.									
Aug 1840 - sold to R. Bunyan, London									
Jan 1842 - " Eastern Steam Navigation Co. India (on Suez-Calcutta run.)									
26 Mar 1845 - " P & O at Calcutta for £40,000.									
1849 - " as a hulk.									
1855 - broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No 128 (Cold)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	Geo. Muir John Stewart John Campbell Greenock	ENGINE No —	1840

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	110.6	23.1	17.7				387.4	—	—
SALE CAPACITY about tons	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
3.00		Carvel	Wood		Barque	L.R.	—	3	
DATES	Order			Keel Lay	13 June 1839	Launch	11 Dec 1839	Delivery 5 Feb 1840.	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for the Australian service.

Condemned & sold: October 1860 - San Isidia, Buenos Aires.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No 127 (Cold)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	John Scott C. C. Scott Greenock	ENGINE No —	1840.

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	128.5	27.4	21.0				709	—	—
SALE CAPACITY <small>about tons</small>	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship	L.R.	—	3	
DATES	Order			Keel Lay	3 May 1839	Launch 4 Jan 1840		Delivery 25 Jan 1840	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

First voyage was to Bombay.

1859 - Condemned at St. Helena.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. VENEZUELA.				SHIP No (130) See notes	DELIVERY YEAR	
Scott & Sons Westburn	Cargo passenger	SHIP OWNER	John Gray, Greenock.				ENGINE No -	1840	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	133.9	18.4	13.8	10.75		-	308	202.4	-
SALE CAPACITY GROSS TONS	G _p	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts	
	0	Carvel	Wood.		Schooner	L.R.		2	
DATES	Order			Kel Lay	1 Aug 1839	Launch 9 Jan 1840	Delivery 16 May 1840		
Passenger Carried	1st Cl	2nd Cl	3rd Cl.			Launch Sponsor			
MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam simple side lever.				
CYLINDER DIAMETERS - INCHES					STROKE	FT.	PROPULSION MODE Paddles		
N.H.P. 160	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main			: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces : ^{total} no		: dia ft	inches : length ft	inches
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel : Coal	Draught : ^{Natural} Forced	
Paddle Wheels - Diameter				ft. in.	Floats : No.		: L-B	ft.	
Feathering :									
Electric Generators : No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum	inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade :									
1843-7 with General Steam Nav. Co.									
latterly on London-Ostend service.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BIRMAN. (sacred cat of Burma)	SHIP No 131 (Gold)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	A & G. Adam J. Ballantine Greenock.	ENGINE No —	1840

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	118.4	25.1	19.2			—	545	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Barque	L.R.	—	3		
DATES	Order	Keel Lay	14 Jan 1840	Launch	2 Jul 1840	Delivery	23 Jul 1840		
Passengers Carried		Launch Sponsor							

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	
Initially on the Clyde / Singapore service.	
1852 . . . Clyde / North America service.	
1853 . . . Clyde / Australia service.	
1855 - condemned.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	AMETHYST.	SHIP No 132 (Gold)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	D. McArthur. Glasgow.	ENGINE No —	1840

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	63.1	16.9	10.0				162	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Schooner	L.R.	—	2		
DATES	Order	Keel Lay	6 Apr. 1840	Launch	1 Aug 1840	Delivery	9 Sept 1840		
Passengers Carried		Launch Sponsor							

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	Clyde; Liverpool.
	Foundered off Isle of Man - August 1848.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. DEE.		SHIP No. (133) See notes	DELIVERY YEAR			
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Royal West India Mail Co. Southampton.		ENGINE No	1842			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	213.75	30.33	30.0	17.5		1848	1285		
RAIL CAPACITY (tons)	C _b	CONSTRUCTION	MATERIAL FAP		RIGGED	CLASSIFICATION SOCIETY		PROVED STRIP WEIGHT - TONS	No. of Masts
	0	Carvel	Wood.		barque				
DATES	Order		Keel Lay		1 Jul 1840	Launch 7 July 1841		Delivery 14 Jan 1842	
Passengers Carried	1st CI	2nd CI	3rd CI		Launch Sponsor				
MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam Simple Side Lever				
CYLINDER DIAMETERS - 2 x 73 INCHES					STROKE 7.0 FT.		PROPULSION MODE Paddles		
N.H.P. 450	I.H.P. DESIGN RPM - 16.		DESIGN SPEED		8 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 3 : auxiliary			TYPE: Box Flue			Working Pressure: main auxiliary 5 p.s.i.			
Dimensions D x L ft				Total Heating Surface		4120 Sq. Ft.		Total Grate Area 325 Sq. Ft.	
Steam Space Volume cubic feet				Furnaces: total no 18 : dia ft inches : length - ft inches					
Boiler Tubes: Diameter inches : length ft inches				Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Paddle Wheels - Diameter 28 ft. 6 in.				Floats: No. : L x B 8.75 x 3.0 ft.					
Feathering:									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price c. £60,000					Net Profit				
CAREER									
Initial Trade: West Indies.									
Oct. 1860 - After the Italian Civil War, Dee repatriated the Irish Brigade to Queenstown.									
25 Feb 1862 - Sold to J. Smith, Aberdeen for £5000.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ORION		SHIP No 134 (old)	DELIVERY YEAR 1841
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	J. Allan. Glasgow	Royal Northern Yacht Club	ENGINE No —	

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	53.0	14.9	9.0				35	—	—
BALE CAPACITY Gross Tons	G _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
		Carvel		Wood		Smack	—	—	
DATES	Order			Keel Lay 30 Oct 1840		Launch	1841	Delivery	1841
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER.	Pleasure Craft.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	NEPAUL		SHIP No —	DELIVERY YEAR 1842
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Campbell, Shipmaster, Glasgow		ENGINE No —	

TECHNICAL INFORMATION									
DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	118-42	25-17	19-42				546	—	—
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Carvel		Wood.		Ship	L.R.	—	3
DATES	Order			Keel Lay			Launch 28 Jan 1842	Delivery 4-Feb 1842	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER.	
built for the Clyde Bombox service.	
Wrecked 1850. off Cape of Good Hope.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. PHOENIX.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Cape of Good Hope S.N.Co. Cape Town.		ENGINE No	1842	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	143.9	21.6	15.7			405	
BALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
0	Carvel	Wood		Brig.	-	-	No. of Masts
DATES	Order		Kee. Lat		Launch	16 Mar. 1842	
Passengers Carried	1st Cl 30		2nd Cl 14		3rd Cl -		Delivery 25 May 1842
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Side Lever			
CYLINDER DIAMETERS - 2 x				INCHES	STROKE	FT.	PROPULSION MODE
							Paddles
N.H.P. 160	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		auxiliary		TYPE:		Working Pressure main auxiliary p.s.i.	
Dimensions DxL		ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft	
Boiler Tubes: Diameter		inches: length		ft		inches	
Paddle Wheels: Diameter		ft. inches.		Floats: No.		: L x B ft.	
Feathering:							
Electric Generators: No.				K.W. each: Voltage			
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: South African coastal - Cape Town, Port Elizabeth, Mossel Bay							
and occasionally Plettenberg Bay.							
1852 - Sailed for Melbourne with a number of South							
Africans anxious to try their luck in the gold fields.							
8 July 1855 - lost in the Torres Strait.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TOPAZ	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Mc Brair & Johnstone Glasgow	ENGINE No	1842

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	77.9	13.0	9.9				179		
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood	Schooner	L.R.		2		
DATES	Order	Keel Lay	Launch	31 Jan 1842	Delivery	25 Mar 1842			
Passengers Carried			Launch Sponsor						

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Sister vessel to Amethyst, Sapphire & Cornelian.

Sold to John Stewart, Queensferry, Co. of Flint, 8th Feb 1870

Still in service at Fleetwood, March 1884.

Vessel wrecked at Dulas, 7th April 1892.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CATHERINE CAMPBELL	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Campbell, Shipmaster, Glasgow	ENGINE No	1842

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	57.9	15.2	7.5				57.3		
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel	Wood.	Smack			1		
DATES	Order	Keel Lay	Launch	30 Apr 1842	Delivery	2 Jun 1842			
Passengers Carried			Launch Sponsor						

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Total loss near Amble on N.E. coast of England. 17 Feb. 1864.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	ACORN	—	1842
		SHIP OWNER	ENGINE No	
		John Scott. C.C. Scott	—	
		Greenock		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	58.6	15.3	7.1				53.2	—	—
BALE CAPACITY <small>(cub. ft.)</small>	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood.	Cutter	—	—	1		
DATES	Order			Keel Lay		Launch 30 Jun 1842	Delivery 7 Jul 1842.		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER. Irish Sea ports.

Lost on the point of rocks - 1853.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	BRAHMIN.	—	1842
		SHIP OWNER	ENGINE No	
		J. Thomson.	—	
		Glasgow.		

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	124.8	26.4	20.6				523	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Ship	L.R.	—	3		
DATES	Order			Keel Lay		Launch 3 Jan 1842	Delivery		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for East India & China trade.

Stayed with owner, J. Thomson until 1853.

Wrecked off Melbourne 25th May, 1854.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	CEYLON	—	1843
		SHIP OWNER	ENGINE No	
		Adam & Co. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	123.7	25.7	20.0				545	-	-
BALE CAPACITY cubic feet	G _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship			3	
DATES	Order			Keel Lay		Launch 20 Dec 1842	Delivery 11 Jan 1843		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER.

built for East India trade.

Last off the Laccaderos 1st Oct. 1844.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	COROMANDEL	—	1843
		SHIP OWNER	ENGINE No	
		John Scott. C.C. Scott. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	135.4	28.7	22.4				766	-	-
BALE CAPACITY	G _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	-	Carvel		Wood		Ship	L.R.	-	3
DATES	Order			Keel Lay	14 Apr 1842	Launch 18 Jan 1843		Delivery 10 Feb 1843	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER.

built for Clyde-Bombay service.

Ex. L.R. 1870.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER Watson Bros. Glasgow	ENGINE No	1844

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	126.8	26.8	20.8				548	—	
SALE CAPACITY <small>(Gross Net)</small>	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship	L.R.	—	3	
DATES	Order			Keel Lay		Launch 6 Jan 1844		Delivery 9 Jan 1844	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for trading with East Indies.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER W. Gemmell J McCunn Greenock	ENGINE No	1844

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	119.9	25.0	20.1				574	—	—
BALE CAPACITY <small>cubic feet</small>	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Ship	L.R.	—	3		
DATES	Order			Keel Lay		Launch 17 Sept 1844	Delivery 9 Oct 1844.		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Driven ashore, Covelong, Presidency of Madras. November 14, 1858.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	ERROMANGA	—	1845
		SHIP OWNER	ENGINE No	
		Jas Kelso, Shipmaster Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register --	Displacement	Deadweight
	107-1	23-8	18-45				395	-	-
BALE CAPACITY cub feet	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts -	
		Carvel	Wood.		Barque	L.R.	-	3	
DATES	Order			Keel Lay		Launch 11 Feb 1845		Delivery 26 Feb 1845	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

built for the Canadian trade.

Vessel abandoned St. Georges, Bermuda, 26 July 1870.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	OPAL	—	1845
		SHIP OWNER	ENGINE No	
		D. McArthur. Glasgow	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	84.1	21.4	13.45				189	—	—
BALE CAPACITY <small>(cub feet)</small>	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood		Schooner	L.R.	—	2	
DATES	Order			Keel Lay		Launch		Delivery 18 Jun 1845	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER. Clyde - Liverpool.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	MOUNTAINEER	—	1845
		SHIP OWNER	ENGINE No	
		Adam Rolland, gentleman, Lismore	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	50.6	13.8	7.4				30.6	—	—
SALE CAPACITY cuba feet	G ₃	CONSTRUCTION		MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Clench		Wood.	Smack	—	—	1	
DATES	Order			Keel Lay		Launch 20 Sept 1845		Delivery 20 Sept 1845	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	London - Demerara.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Son Westburn	Sailing Vessel.	SOMNAUTH	—	1845
		SHIP OWNER	ENGINE No	
		G & A. Adam Jas. Ballantrie Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	125.0	27.6	20.9				672	-	-
SALE CAPACITY Gross Tons	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT-TONS	No. of Masts	
-	-	Carvel.	Wood		Ship	L.R.	-	3	
DATES	Order			Keel Lay		Launch		Delivery 29 Nov 1845	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	
	built for the Clyde - Bombay trade.
	Lost on passage from Fleetwood to Savannah in December 1859.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CAMBRIA				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Jas. Kelso, ship master Wm. Orr Greenock				ENGINE No	1846	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	117.4	24.6	18.0				399	-	-
SALE CAPACITY Gross Tons	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Ship	L.R.	-	3	
DATES	Order			Keel Lay	Launch 1 Apr 1846		Delivery 8 Apr 1846		
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Built for the Montreal trade.									
Vessel abandoned at sea, 11 December 1865									
on voyage from New York to Glasgow.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SAPPHIRE & ONYX				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessels	SHIP OWNER	John Scott C.C. Scott Greenock				ENGINE No	1846.7	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	85.0 91.7	21.4 22.8	13.0 14.5				Sapphire Onyx	193 232	-
SALE CAPACITY Gross Tons	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Carvel	Wood		Schooner	L.R.	-	2	
DATES	Order			Keel Lay	Sapphire Onyx	Launch 25 Jul 1846 5 Jan 1847		Delivery 13 Aug 1846 30 Jan 1847	
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER. Clyde - Liverpool									
Sold on 1 st June 1878 to Glasgow owners, Potter & Lamont.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	HELEN	—	1847
		SHIP OWNER	ENGINE No	
		J. McAlister J. Ferguson J. Hendry master mariner. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	55.2	14.6	7.9			—	55.2 o.m.	—	—
BALE CAPACITY cub. ft.	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Smack	—	—	1		
DATES	Order			Keel Lay		Launch 5 June 1847	Delivery 5 June 1847.		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER. Clyde - Newfoundland.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	INVESTIGATOR. (Original name Sir Edward Parry)	—	1848
		SHIP OWNER	ENGINE No	
		H.M. Government.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
* Lower Deck.	118.0	28.25	18.91				422	—	—
BALE CAPACITY (cub. ft.)	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Ship	—	—	3		
DATES	Order			Keel Lay		Launch 3 Feb 1848	Delivery 7 Feb 1848		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
£ 6330	
CAREER.	
On completion 'Investigator' proceeded to London under Captain Jopp to form one of a squadron to be sent out under command of Captain Sir James Clark Ross in search of Captain Sir John Franklin and his brave companions whom it was feared had been frozen up in the Arctic Ocean.	
'Investigator' took part in two such expeditions, in the latter of which she established positively the existence of the North West Passage. For this her captain, Cdr. Robert McClure was knighted & promoted and the crew shared a Parliamentary award of £ 10.000 for their achievement.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. LORD FITZROY SOMERSET.		SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Paddle Tug.	SHIP OWNER	Crown Agents for the Colonies. (Mauritius)		ENGINE No	1848
TECHNICAL INFORMATION						
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross
	102.0	21.5	10.67			216
REGISTER	DISPLACEMENT		DEADWEIGHT			
216						
SALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
0		Carvel	Wood			
DATES	Order	Keel Lay	14 Jun 1847	Launch	18 Nov 1847	Delivery 26 Apr. 1848
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor		
MACHINERY						
SUPPLIER	Scott Sinclair & Co.			TYPE Steam Simple Side Lever		
CYLINDER DIAMETERS -	2 x 40		INCHES	STROKE	4.0	FT.
PROPULSION MODE	Paddles					
N.H.P. 108	I.H.P. -	-	DESIGN RPM	-	17.76	DESIGN SPEED
						KNOTS
CONDENSER COOLING SURFACE	SQ. FT.					
EXPANSION RATIO	RATIO		Air Pump Capacity		S.W. Circ. Pump Capacity	
			L.P. Cylinder Volume		L.P. Cylinder Volume	
No of Boilers: main	:	auxiliary	TYPE: Copper (box flue)		Working Pressure: main auxiliary p.s.i.	
Dimensions DxL	ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume	cubic feet		Furnaces: total no		4	
Boiler Tubes: Diameter	inches: length		ft		inches	
Fuel Coal	Draught: Natural		Forced			
Paddle Wheels: Diameter	16 ft. 0 inches.		Floats: No.		: L x B ft.	
Feathering: -						
Electric Generators: No.	:	K.W. each	Voltage			
TRIAL INFORMATION						
Displacement	Tons: Draught		ft.: Cb -		Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg
CONTRACT OUTCOME						
Invoice Price	Net Profit					
CAREER	Mauritius.					
Initial Trade:						
Vessel was flat bottomed, with rudders at both ends						
and could sail either way.						

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Son Westburn	Sailing Vessel	MONCRIEFF.	—	1848
		SHIP OWNER	ENGINE No	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	36.0	12.3	7.5				20.7	—	—
SALE CAPACITY Cubic Feet	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Cutter	—	—	1		
DATES	Order			Keel Lay		Launch	Delivery		
Passengers Carried						Launch Sponsor			
28 Jul 1848									

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Vessel stranded at Little Courland Bay - July 1862.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Son Westburn	Sailing Vessel	TRELAWNY.	154 (old)	1848
		SHIP OWNER	ENGINE No	
		Stirling, Gordon & Co	—	
		Glasgow		

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	103.0	26.17	18.08				316	—	—
SALE CAPACITY <small>cubic feet</small>	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Barque	L.R.	—	3		
DATES	Order			Keel Lay 10 Apr 1848	Launch 15 Sept 1848	Delivery 21 Oct 1848			
Passengers Carried					Launch Sponsor Miss Stirling of Kenmure				

CONTRACT OUTCOME

Invoice Price £ 4030

Net Profit

CAREER.

built for West Indian trade

Exc L.R. - 1880.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. WIZARD.		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	Tug.	SHIP OWNER	Connal, Wright & Buchanan. Glasgow		ENGINE No	1849			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	75.2	14.2	9.0			81.2	21.2	—	—
SALE CAPACITY (GROSS TONS)	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0	Clincher	Iron	Sloop	—	—	1		
DATES	Order	Keel Lay	Launch 14 Nov 1848		Delivery 8 Mar 1849				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Side Lever					
CYLINDER DIAMETERS - 2 x 24 INCHES				STROKE 3.5 FT.		PROPULSION MODE Paddles.			
N.H.P. 50	L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume = —		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = —		
No of Boilers: main 2	: auxiliary —		TYPE: Oval			Working Pressure: main 20 p.s.i. : auxiliary —			
Dimensions 7.25h x 5.17w x 17.31l ft			Total Heating Surface		Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet			Furnaces: total no 4		: dia ft		: length 5 ft 0 inches		
Boiler Tubes: Diameter inches			: length ft		: inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels: Diameter 13 ft 5 1/2 inches.			Floats: No. 14 : L x B 7 x 1.33 ft.						
Feathering: —									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons		Draught ft.		Cb —		Speed — Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.		Vacuum inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER Clyde tug.									
Initial Trade:									
Broken up. July 1865									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	Original Name H.M.S. GREENOCK. 'Pegasus'.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Naval Frigate	SHIP OWNER	British Admiralty.		ENGINE No	1850	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	213.0	37.33	23.0				1437 (Admiralty.)
BALE CAPACITY	C _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	NO. OF MASTS
	0	Clincher	Iron		-	-	3
DATES	Order		Keel Laid 8 Aug 1847		Launch 30 Apr 1849	Delivery 17 May 1850	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -		Launch Sponsor Miss Margaret Scott.				
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Horizontal (geared)			
CYLINDER DIAMETERS - 2 x 71 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw.	
N.H.P.	I.H.P. 719. DESIGN RPM 42 x 235 = 98.7		DESIGN SPEED		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 4 : auxiliary -		TYPE: Box / Smoke Tube.		Working Pressure: main 16 p.s.i. : auxiliary -			
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no 16 : dia ft		inches : length ft inches	
Boiler Tubes: Diameter 2 1/2 inches : length 6 ft		0 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1 ^{RH} LH Dia 14.0 ft : pitch		ft : No. of blades		built : solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -		: Speed - 9.6 Knots	
I.H.P. 719		R.P.M. 98.7		Steam Pressure at Engine		p.s.i. : Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 45,677.				Net Profit			
CAREER Largest iron warship of her day and first steam frigate built on the Clyde.							
Initial Trade: Figurehead was a bust of John Scott II.							
1854 - Engines ex Greenock transferred to HMS Hannibal.							
1852 - Ship renamed Melbourne after purchase by the Austr. R.M.S.N. Co. for the London, Capetown, Melbourne & Sydney service.							
1858 - Owned by Martin & Co. - converted to a sailing ship and later sold to Edward Bates of Liverpool.							
19 Jan 1874 - Abandoned at sea - on passage Calcutta - Dundee.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SERINGAPATAM.			SHIP No 155 (old)	DELIVERY YEAR		
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott John Scott, jr Henry Morris - Shipmaster Greenock.			ENGINE No —	1849		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	123.1	27.0	20.0				587	—	—
SALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Carvel	Wood		Ship	L.R.		—	3
DATES	Order			Keel Lay	Launch 19 Oct 1849		Delivery 14 Dec 1849		
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
built for the East India & China trade.									
1853 - Sold to Mileses of Bristol for Bristol/Australia service.									
1861 - . J. Nicholas . . . London/Muscat service.									
1865 - . T.W. Sweet . . . London/Otago service.									
1873 - Ex. L.R.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TAYMOUTH CASTLE.			SHIP No 156 (old)	DELIVERY YEAR		
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Thomson & Co Glasgow.			ENGINE No —	1851		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	132.0	21.1	28.5	—		682	604	—	—
SALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Carvel	Wood		Ship	L.R.		—	3
DATES	Order			Keel Lay	3 June 1850		Launch 5 Feb 1851		Delivery 22 Feb 1851
Passengers Carried					Launch Sponsor Miss Dunlop.				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Bust figurehead - Marchioness of Breadalbane.									
Glasgow - Calcutta packet.									
Vessel lost at sea on passage Colombo - London									
with all hands - Nov. 1862.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No 157 (old)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	AMERICA	ENGINE No	1851
		SHIP OWNER	Wm. Orr. Greenock.	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	123.3	24.9	18.8				486	—	—
BALL CAPACITY Cube Feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Ship	L.R.	—	3		
DATES	Order			Keel Lay 4 Sept 1850	Launch 21 Feb 1851	Delivery 1 May 1851			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Consort to the Cambria & Erromanga on the Montreal trade.

From 1860 owned by James Kelso, shipmaster, Greenock.

1863-4 - switched to Clyde/Peking service and later to Clyde/South America.

1869. - broken up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No 159 (old)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SAINT JAMES	ENGINE No	1851
		SHIP OWNER	Stirling, Gordon & Co. Glasgow	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	109.2	24.5	18.5				413	—	—
BALE CAPACITY ma-ba-bai	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel.	Wood	Ship	L.R.	—	3		
DATES	Order			Keel Lay		Launch 13 Sept 1851	Delivery 24 Sept 1851		
Passengers Carried						Launch Sponsor Miss Stirling.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for the Jamaica trade.

Wrecked - 1853.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ALEXANDER.	SHIP No 160 (old)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	D & G Brymner, ^{Coal} Merchants Greenock	ENGINE No —	1851

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	59.3	14.7	6.1				37.7	—	—
SALE CAPACITY <small>net ton</small>	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood		Gabbart	—	—	1	
DATES	Order			Keel Lay	13 June 1851	Launch	18 Sept 1851	Delivery 29 Sept 1851	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER. - Irish Sea ports.	
Wrecked at Glenarm, 16 Oct 1869.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TARTAR.	SHIP No 158 (old)	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	A & G. Adam J. Ballantine J. Hamilton Greenock	ENGINE No —	1851

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	151.3	30.1	20.4				648	—	—
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood.	Ship	L.R.	—	3		
DATES	Order			Keel Lay	14 Jan 1851	Launch	16 Oct 1851	Delivery	27 Oct 1851
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER. Liverpool - India.	
Condemned & sold, Calcutta, Sept. 1865.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	- PULLING TUG -				SHIP No	DELIVERY YEAR	
Scott & Co Cartsdyke	Towing Vessel	SHIP OWNER	J.B. Maxton London.				ENGINE No	1852	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	51.0	8.0	2.0						
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	-	Clincher	Iron		-	-	-	-	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried						Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Shipped to Alexandria per brig 'Wm. Carey'									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	BARGES. (3)				SHIP No	DELIVERY YEAR	
Scott & Co Cartsdyke	Barge.	SHIP OWNER	J.B. Maxton London.				ENGINE No	1852	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
		Clincher	Iron.		-	-	-	none	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried						Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Erected, taken to pieces, sent to Liverpool									
& shipped to Alexandria.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. GOUROCK		SHIP No	DELIVERY YEAR	
Scott & Co. Carlsdyke	River Steamer	SHIP OWNER	Thos. Seath. Master Mariner Glasgow		ENGINE No	1852	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	113-4	13-4	6-1			53-54	31-43
SIDE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK IRON WEIGHT - TONS
	0	Carvel	Iron		Sloop		No. of Masts
DATES	Order		Keel Lay		Launch 18 Feb 1852		Delivery 23-Feb 1852
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor Miss Ralston
MACHINERY							
SUPPLIER A. Campbell. Glasgow				TYPE Steam Simple Side Lever.			
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE Paddles
N.H.P. 20	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.	
Dimensions D x L		ft		Total Heating Surface		Sq Ft	
Total Grate Area		Sq. Ft.		Total Heating Surface		Sq Ft	
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft : inches : length ft : inches	
Boiler Tubes: Diameter		Inches: length ft		Inches		Fuel: Coal Draught: Natural Forced	
Paddle Wheels - Diameter		ft. in.		Floats: No.		: L x B ft.	
Feathering:							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement		Tons: Draught		ft. : Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Glasgow - Kyles of Bute:							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. - RIGA & LUBECK.				SHIP No 2	DELIVERY YEAR	
Scott & Co Carlsdyke	Cargo Passenger	SHIP OWNER	Roder, Skovder & Co. - Lubeck.				ENGINE No -	1852	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	143.0	21.0	11.6			304	-		
SALE CAPACITY GROSS TONS	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED 12000 GROSS TONS	No. of Masts
	0	Clincher	Iron		Schooner	L.R.		-	2
DATES	Order			Kel Lay	Launch 18 Jun 1852		Delivery		1852
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER Caird & Co Greenock.					TYPE Steam Simple Side Lever				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles		
N.H.P. 120	I.H.P. DESIGN RPM			DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary		p.s.i.	
Dimensions D x L ft				Total Heating Surface Sq Ft		Total Grate Area Sq Ft			
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		: length ft	
Boiler Tubes: Diameter		: length ft		: inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels - Diameter		ft. in.		Floats: No.		: L x B		ft.	
Feathering:									
Electric Generators: No.				: K.W. each: Voltage					
TRIAL INFORMATION									
Displacement		Tons: Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Riga - Lubeck.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	VULCAN				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	John Scott Snr John Scott jr.				ENGINE No	1852	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	63.2	14.9	6.7				45	-	-
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STILL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Gabbart	-		-	1
DATES	Order			Keel Lay 1 - Oct 1851		Launch 28 Jan 1852		Delivery 28 Jan 1852	
Passengers Carried						Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Burnt out - 15 th July 1852.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CONTENT.				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Wm. Stirling, jr & G. Russell Glasgow				ENGINE No	1852	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	36.0	12.4	6.9				22	-	-
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STILL WEIGHT - TONS	No. of Masts
		Carvel	Wood		Sloop	-		-	1
DATES	Order			Keel Lay		Launch 29 Sept 1852		Delivery 29 Sept 1852	
Passengers Carried						Launch Sponsor			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Vessel lost between Montego Bay & Falmouth - 23 rd December 1852.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. DUKE of ARGYLL.		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	River Steamer	SHIP OWNER	Glasgow & Loch Fyne S.P.Co. Glasgow.		ENGINE No	1852			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	166.7	20.2	10.0				101.2	-	-
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		BYEOLD 3 FROM WEIGHT - TONS	No. of Masts
	0	Clincher	Iron						
DATES	Order			Kel Lay	Launch 10 Jul 1852		Delivery 27 Nov 1852		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Scott Sinclair & Co.					TYPE Steam Single Cylinder Simple				
CYLINDER DIAMETERS -				INCHES	STROKE		FT.	PROPULSION MODE	Paddles
N.H.P. 160	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter				inches: length ft	inches	Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels - Diameter				ft. in.	Floats: No.		: L = B	ft.	
Feathering:									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft. : Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Ardvishaig & Inverary service.									
Lengthened in June 1855 - 209.4 x 20.2 x 10.6.									
Broken up Dec. 1858.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. DUNCAN HOYLE				SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Duncan Hoyle & Tom Kincaid - Greenock				ENGINE No	1853
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	139.6	17.7	8.6			188.0	131.4	
SALE CAPACITY	G	CONSTRUCTION	MATERIAL FAP		RIGGED	CLASSIFICATION SOCIETY		NO. OF Masts
	0	Clincher	Iron		Schooner	L.R.		2
DATES	Order			Kel Lay	Launch 1 Dec 1852		Delivery 15 Feb 1853	
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor		
MACHINERY								
SUPPLIER Scott Sinclair & Co.					TYPE Steam Simple (Cylinders at 90 degrees to each other)			
CYLINDER DIAMETERS - 2 x 37 INCHES					STROKE 3-0 FT.		PROPULSION MODE Paddles	
N.H.P. 90	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				Total Heating Surface		Total Grate Area		
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		inches: length ft
Boiler Tubes: Diameter inches: length ft				Inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels - Diameter ft. in.				Floats: No.		: L x B		ft.
Feathering:								
Electric Generators: No.				K.W. each: Voltage				
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		: Speed - 14 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Melbourne & Launceston service.								
Later sold to the Australian S.S. Co., (Sept 1858) who								
in turn sold her to Grafton & Co. who used her								
between Sydney and the Clarence River.								
In Dec 1860 she was sold to Hong Kong owners as Tahn Wan								
She was then sold to the French in Hong Kong and served								
in their navy from 1860 to 1868 as the 'Devoulede'.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. 'NEVA'				SHIP No 7	DELIVERY YEAR	
Scott & Co Cartadyke	Cargo Passenger	SHIP OWNER	New St. Petersburg & Lubeck S.N.Co.				ENGINE No -	1853	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	169.4	23.9	13.1			504.94	335.74		-
RAIL CAPACITY and ton	C _g	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED FROM WEIGHT - TONS	No. of MASS	
-	0	Clincher	Iron.		Schooner	L.R.	-	2	
DATES	Order			Kel Lay	Launch 29 Jan 1853		Delivery 28 Mar 1853		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor		Mrs. Hevitz - wife of ship's Glasgow agent.			
MACHINERY									
SUPPLIER Caird & Co. Greenock					TYPE Steam simple direct acting.				
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE Paddles.		
N.H.P. 210	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Cyl. Pump Capacity LP. Cylinder Volume		
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary		p.s.i.	
Dimensions D x L			ft		Total Heating Surface		Sq Ft		Total Grate Area
Steam Space Volume			cubic feet		Furnaces : total no		: dia ft		inches : length ft
Boiler Tubes : Diameter			inches : length		ft		inches		Fuel : Coal
Paddle Wheels - Diameter			ft. in.		Floats : No.		: L = B		ft.
Feathering :									
Electric Generators : No.					: K.W. each : Voltage				
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade :									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CYCLOPS.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Lighter	SHIP OWNER	John Scott Snr. John Scott jr.	ENGINE No	1853

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	62.6	16.2	6.7				55.9	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
			Wood	Lighter	—	—			
DATES	Order	Keel Lay	Launch	19 Mar 1853	Delivery	19 Mar 1853.			
Passengers Carried		Launch Sponsor							

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	CONTENT.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	Wm. Stirling Glasgow	ENGINE No	1853

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	41.8	12.6	6.8				26.4	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—		Wood	Sloop	—	—	1		
DATES	Order	Keel Lay	Launch	7 Apr. 1853	Delivery	7 Apr 1853			
Passengers Carried		Launch Sponsor							

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. TRAVE.		SHIP No	8		DELIVERY YEAR
Scott & Co Cartadyke	Cargo Passenger	SHIP OWNER	New St. Petersburg & Lubeck S.N.Co		ENGINE No	-		1853
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	169.9	23.9	13.3	-		506.3	338.7	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	L.R.		2
DATES	Order		Keel Laid		Launch 1 Mar 1853		Delivery 7 Apr 1853	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Caird & Co. Greenock					TYPE Steam Simple direct acting			
CYLINDER DIAMETERS - 2 x					INCHES	STROKE	FT.	PROPULSION MODE Paddles
N.H.P. 210	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} =$			RATIO $\frac{\text{S.W. Circ Pump Capacity}}{\text{L.P. Cylinder Volume}} =$			
No of Boilers: main		: auxiliary	TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume			cubic feet	Furnaces: total no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter			inches: length ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: Diameter			ft. inches.	Floats: No.		: L x B ft.		
Feathering: . . .								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft. : Cb -	: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.:	Vacuum		inches Hg.	
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade:								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ELBA		SHIP No	11	DELIVERY YEAR	1853
Scott & Co Cartsdyke	Geneval Cavgo	SHIP OWNER	Horace Bouchet & Co. Naples		ENGINE No			
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	120.0	16.2	9.0			147.5	105.4	-
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		NO. OF MASTS
	0	Clincher	Iron		Schooner	-		2
DATES	Order		Keel Lay		Launch 26 May 1853		Delivery 23 Jun, 1853	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER McNab & Clark. Greenock					TYPE Steam Simple Oscillating.			
CYLINDER DIAMETERS - INCHES					STROKE	FT.	PROPULSION MODE	Screw
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	: auxiliary	TYPE:				Working Pressure: main auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area	
Steam Space Volume				cubic feet	Furnaces: total no	: dia	ft	inches: length
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: Natural/Forced
Propeller(s): No.				<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: -								inches
Electric Generators: No. - : -								K.W. each: Voltage -
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Co -	: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price £4000.				Net Profit				
CAREER								
Initial Trade: Sicily - Southern Italy.								
1864 - Sold to other owners after liquidation.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NEIVA.		SHIP No	10		DELIVERY YEAR	1853	
Scott & Co Cavtadyke	General Cargo	SHIP OWNER	Horace Bouchet & Co. Naples.		ENGINE No					
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	120-0	16-2	9-0				147-3	105-17		
SALE CAPACITY Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
	0	Clincher	Iron.		Schooner.	-	-	2		
DATES	Order		Keel Lay		Launch 29 Apr 1853		Delivery 26 May 1853			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor					
MACHINERY										
SUPPLIER M ^c Nab & Clark. Greenock					TYPE Steam Simple Oscillating.					
CYLINDER DIAMETERS -					INCHES	STROKE		FT.	PROPULSION MODE	
									Screw.	
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE		SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area		Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia	ft	inches: length	ft
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: ^{Natural} Forced		
Propeller(s): No. 1		RH LH: Dia		ft: pitch	ft: No. of blades		built : solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: -										inches
Electric Generators: No. - : - K.W. each: Voltage -										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: Cb -	: Speed -		Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum	inches Hg			
CONTRACT OUTCOME										
Invoice Price £4000.					Net Profit					
CAREER										
Initial Trade: Sicily - Southern Italy.										
1864: Sold to other owners after liquidation.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	MARTABAN.	—	1853
		SHIP OWNER	ENGINE No	
		A. Orr J. Carmichael D. Campbell D. McAlpine. A. Sword. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	168.9	29.0	20.0				781	—	—
SALE CAPACITY <small>net ton</small>	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
—	—	Clincher	Iron	Ship	L.R.	—	3		
DATES	Order 22 nd April 1852			Keel Lay	Launch 25 Apr 1853	Delivery 17 May 1853			
Passengers Carried					Launch Sponsor Miss Campbell.				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Wrecked 17 May 1891 by stranding on Cuba on voyage Jamaica/Glasgow with logs. No lives lost.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	ASSAYE.	—	1853
		SHIP OWNER	ENGINE No	
		Robert Millar Don McKenzie James Stewart Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	161.3	29.1	20.4				847	—	—
SALE CAPACITY <small>cubic feet</small>	G ₀	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Clincher		Iron		Ship	L.R.	—	3
DATES	Order			Keel Lay			Launch 25 May 1853	Delivery 1 July 1853	
Passengers Carried						Launch Sponsor Mrs. John McGregor.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for East India trade.

Vessel foundered off Tusker. 1st June 1867.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SOLWAY		SHIP No —	DELIVERY YEAR			
Scott & Sons Westburn	General Cargo	SHIP OWNER	Whitehaven & Glasgow Steam Nav. Co.		ENGINE No —	1853			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	135.4	17.3	9.6	—		210	119	—	—
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts	
—	0—	Clincher	Iron		Schooner	L.R.	—	2	
DATES	Order			Keel Lay	Launch 18 Jul 1853		Delivery 25 Jul. 1853		
Passengers Carried	1st Cl	—	2nd Cl	—	3rd Cl	—	Launch Sponsor	—	
MACHINERY									
SUPPLIER Scott, Sinclair & Co					TYPE Steam simple Vertical direct				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw		
N.H.P. 25	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main			: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet				Furnaces: total no		: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter inches: length ft				inches		Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb —		: Speed — 9.6 Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade:									
Built for Whitehaven, Kirkcudbright & Glasgow trade.									
Launched with steam up. and immediately proceeded									
on trial and made 11 mph against a strong ebb tide.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PARTENOPE.		SHIP No 12	DELIVERY YEAR			
Scott & Co Cartsdyke	General Cargo.	SHIP OWNER	Horace Bouchet & Co. Naples.		ENGINE No	1853			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	120.0	16.2	9.0			147.5	105.4		
SALE CAPACITY Gross Tons	G _d	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	-	-	2	
DATES	Order		Keel Laid		Launch 23 Jun 1853		Delivery 27 July 1853		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER - McNab & Clark Greenock.					TYPE Steam Simple Oscillating.				
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE Screws		
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces : ^{total} no		: dia ft	inches : length ft	inches
Boiler Tubes : Diameter				inches : length ft	inches	Fuel Coal	Draught : <input checked="" type="checkbox"/> Natural / <input type="checkbox"/> Forced		
Propeller(s) : No. 1		<input checked="" type="checkbox"/> RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 4000					Net Profit				
CAREER									
Initial Trade : Sicily - Southern Italy.									
1864 : Sold to other owners after liquidation.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. LORD HARRIS.		SHIP No	14		DELIVERY YEAR	1853	
Scott & Co Cartsdyke	Cargo Passenger	SHIP OWNER	W.M.T. Templeton & D. Dorr. Greenock		ENGINE No					
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	148.4	16.5	7.1			163.73	109.72	-	-	
SALE CAPACITY Gross Tons	G ₀	CONSTRUCTION	MATERIAL & P		BOGIED	CLASSIFICATION SOCIETY		SHOULD IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	L.R.		-	2	
DATES	Order			Kael Lay	Launch 1 July 1853			Delivery 13 Aug 1853		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Miss Scott.					
MACHINERY										
SUPPLIER McNab & Clark. Greenock					TYPE Steam Simple Direct Acting.					
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles.			
N.H.P. 60	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary		p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area		Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural v Forced		
Paddle Wheels - Diameter				ft. in.	Floats: No.		: L-B	ft.		
Feathering:										
Electric Generators: No.				:	K.W. each: Voltage					
TRIAL INFORMATION										
Displacement		Tons: Draught		ft.:	Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price £ 2400.					Net Profit					
CAREER										
Initial Trade: Purchased by T.F. Johnston, Colonial Secretary of Trinidad.										
Ex L.R. 1857.					for £ 2400.					

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No		DELIVERY YEAR
		LORD OF THE ISLES	9		
Scott & Co Cartsdyke	Sailing Vessel	SHIP OWNER E & M. Maxton Capt P. Maxton W. Martin	ENGINE No		1853
		Greenock London Greenock			

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	1850	278	18.5					691	-
SALE CAPACITY	G	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
-	-	Clincher		Iron		Ship	L.R.	-	3
DATES	Order			Keel Lay		Launch 5 Sept 1853		Delivery 16 Sept 1853	
Passengers Carried						Launch Sponsor Mrs. Maxton, wife of Capt. Maxton			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER. China tea trade	
Broke the U.K. - Sydney Aus. record on her maiden voyage. 1853.	
Set and broke the Shanghai - London record - 1856 & 1859.	
24 th July 1862 - caught fire and blew up 600 miles out of Hong Kong	
homeward bound with 50 tons of gunpowder aboard.	
Crew and passengers reached Macao in ships boats (30 persons)	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	(fitted for)		SHIP No	DELIVERY YEAR
		PULLING GIG.	(ten oarsmen.)		16	
Scott & Co. Cartsdyke	Ceremonial Barge.	SHIP OWNER	Pasha of Egypt.		ENGINE No	1854

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	52.0	5.0	1.6				691		
SALE CAPACITY cubic feet	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
-	-	Clincher	Iron		-	-	-	-	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER.	
Despatched to Alexandria. 1854.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. EBRO		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	General Cargo	SHIP OWNER	John Scott. Greenock		ENGINE No	1853	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	195.3	23.8	16.2			-	395 o.m.
RAIL CAPACITY TONS	G _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	NO. OF MASS
	0	Clincher	Iron			L.R.	-
DATES	Order	-	Kel Lay	-	Launch	18 Oct 1853	Delivery 29-Dec 1853
Passenger Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor Miss Scott.
MACHINERY							
SUPPLIER Scott Sinclair & Co				TYPE Steam Simple Geared (See 'Clyde' data)			
CYLINDER DIAMETERS - 2 x 52 INCHES				STROKE 3.75 FT.		PROPULSION MODE Screw	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main	: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L			ft		Total Heating Surface	Sq Ft	Total Grate Area
Steam Space Volume			cubic feet		Furnaces: ^{total} no	: dia ft	inches: length ft
Boiler Tubes: Diameter			inches: length ft		Fuel Coal	Draught: ^{Natural} Forced	
Propeller(s): No.		<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades	built : solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 12 inches							
Electric Generators: No. - : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement		Tons: Draught		ft: Cd -	: Speed - 12 Knots -		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum - inches Hg		
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Liverpool - Barcelona.							
March 1854 : Sold to Pablo M. Tintore, Barcelona.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HENRY MOORE.				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	Henry Moore & Co. Liverpool...				ENGINE No	1854	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	188.4	32.6	22.4	21.5		—	1223	—	—
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts
—	—	Clincher	Iron		Ship	L.R.		—	3
DATES	Order			Keel Lay		Launch 18 Oct 1853		Delivery 17 Jan 1854	
Passengers Carried					Launch Sponsor Mrs. Andrew Stewart.				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
In 1854, 'Henry Moore' did the journey London - Melbourne									
in 81 days.									
1869 - burnt out.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	L'EMPERATRICE EUGENIE.				SHIP No	DELIVERY YEAR	
Scott & Co. Westburn	Sailing Vessel.	SHIP OWNER	J.T. Rennie R. Abernethy Aberdeen.				ENGINE No	1854	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	127.0	22.5	12.8				251.3	—	—
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Clincher	Iron		Barque	L.R.		—	3
DATES	Order			Keel Lay		Launch 31 May 1854		Delivery 26 Jun 1854.	
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Built to trade between Mauritius & Cape of Good Hope.									
Lost 26 August 1866, Cape Keiffer, near Algoa. South Africa.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht ARMY & NAVY		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Pleasure Yacht	SHIP OWNER	Captain Nichol		ENGINE No	1854	
TECHNICAL INFORMATION							
DMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	132.0	0	1.0	-		178	132
DISPLACEMENT	Deadweight						
CLASSIFICATION SOCIETY	No. of Masts						
CONSTRUCTION	MATERIAL		RIGGED				
Clincher	Iron		Schooner		2		
DATES	Order	Kael Lay		Launch 27 Feb 1854		Delivery 8 Mar 1854	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Miss Scott of Finnavy			
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Direct Action Vertical			
CYLINDER DIAMETERS - 2 x INCHES				STROKE FT.		PROPULSION MODE Screw	
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main	: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches	
Boiler Tubes: Diameter		inches: length ft		Fuel Coal		Draught: Natural Forced	
Propeller(s): No. 1		RH LH: Dia 6.0 ft: pitch 9.0 ft: No. of blades		built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: -							inches
Electric Generators: No. -							K.W. each: Voltage -
TRIAL INFORMATION							
Displacement		Tons: Draught		ft: Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade:							
Machinery designed by Mr. Jaffrey, Scott Sinclair & Co.							
Yacht sold to a foreign subject - October 1854.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AMALFI		SHIP No	DELIVERY YEAR	
Scott & Co. Carlsdyke	General Cargo	SHIP OWNER	Steam Navigation Co. of the Two Sicilies - Naples		ENGINE No	1854	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	196.6	25.4	15.1			707.8	539.3
SAIL CAPACITY	C _B	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts
-	0	Clincher	Iron	Schooner	L.R.	-	2
DATES	Order		Keel Lay		Launch 15 Dec. 1853		Delivery 7 Mar. 1854
Passengers Carried	1st Cl 40 2nd Cl 63 3rd Cl -				Launch Sponsor Miss Scott.		
MACHINERY							
SUPPLIER McNab & Clark Greenock				TYPE Steam Simple Oscillating			
CYLINDER DIAMETERS - 2 x 42 INCHES				STROKE 3.5 FT.		PROPULSION MODE Screw	
N.H.P. 120	I.H.P. DESIGN RPM 30		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main : auxiliary		TYPE:			Working Pressure: main auxiliary 13 p.s.i.		
Dimensions D x L ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet			Furnaces: total no : dia ft inches : length ft inches				
Boiler Tubes: Diameter inches : length ft inches			Fuel Coal		Draught: Natural Forced		
Propeller(s): No. 1 RH LH: Dia 10.25 ft : pitch 13.5 ft : No. of blades			built: solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-							inches
Electric Generators: No. - : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement		Tons: Draught 11.5 ft: Cb -		: Speed -		Knots	
I.H.P.		R.P.M. 30		Steam Pressure at Engine 13 p.s.i.:		Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Marseille to Italian & Sicilian Ports				1890: Sold to P. Silvestro, Messina as Silvestro D			
1854: Chartered to French as Crimean War troopship.				1892: Sold to La Pelonitana, Messina.			
				1896: " " G. Fazio, Catania as San Giusto			
1861: Renamed Stromboli.				1905 " " French owners (Phillipon) as Balagne			
1867: Sold to Cleve et cie, Marseille and renamed Ville de Marseille.				1907 - Probably broken up.			
1888: Sold to P. Piale Vertimiglia & renamed 'Citta di Vertimiglia'							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. S. CLYDE.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Passenger Cargo.	SHIP OWNER	Clyde Screw Steam Packet Co. Glasgow		ENGINE No	1854	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	249-0	30-2	21-0			1190	780
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	NO. OF MASTS
	0		Iron			L.R.	
DATES	Order		Keel Lay		Launch 18 Mar 1854		Delivery 15 May 1854
Passengers Carried	1st Cl 26 2nd Cl + 3rd Cl = 323				Launch Sponsor Miss Forbes Edinburgh.		
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Diagonal (Geared)*			
CYLINDER DIAMETERS - 2 x 52 INCHES				STROKE 3.75 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ Pump Capacity L.P. Cylinder Volume		
No of Boilers: main	auxiliary		TYPE:			Working Pressure main auxiliary p.s.i.	
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.
Steam Space Volume			cubic feet	Furnaces: total no		: dia ft	inches: length ft inches
Boiler Tubes: Diameter			inches: length	ft	inches	Fuel: Coal	Draught: Natural Forced
Propeller(s): No. 1			RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - * Shaft rpm geared to 2 1/2 x engine rpm.							
Electric Generators: No.				K.W. each: Voltage			
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb	: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Engine incorporated patents by Mr. Jeffrey, Scott Sinclair manager.							
Ship originally designed for the Glasgow-New York service but after two voyages was requisitioned as a Crimea War transport.							
In January 1857 returned to the Glasgow-New York service.							
Ship wrecked on Mingan Rocks on the coast of Labrador on 24 th August, 1857.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MAHONES		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	General Cargo	SHIP OWNER	See note below		ENGINE No	1854	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	131.0	18.0	10.0			178	132
DISPLACEMENT	Deadweight						
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
-	0-	Clincher	Iron	-	-	-	-
DATES	Order	Keel Lay	Launch	25 Apr 1854		Delivery 16 May 1854.	
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor Miss Little.
MACHINERY							
SUPPLIER	Scott Sinclair & Co			TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x	INCHES			STROKE	FT.		
N.H.P. 40	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	: auxiliary			TYPE:		Working Pressure: main auxiliary p.s.i.	
Dimensions D x L			ft		Total Heating Surface	Sq. Ft.	
Steam Space Volume			cubic feet		Furnaces: total no	: dia ft inches : length ft inches	
Boiler Tubes: Diameter			inches : length ft		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia			ft : pitch		built: solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches							
Electric Generators: No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft : Cb -		: Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: The three steamers, Mahones, Ignez de Castro & Vasco da Gama were initially ordered by Little & Son, Glasgow but at a late date Little sold all three. Mahones went to Spanish owners and the remaining two ships were purchased by the Glasgow and Lisbon Steam Ship Co. all in 1854.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. CORIO.		SHIP No	18		DELIVERY YEAR
Scott & Co Cartsdyke	Collier.	SHIP OWNER	J.P. Mackay, W. Mackay, J. Turner, Greenock		ENGINE No			1854
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	99.7	17.1	9.3			123.9	84.4	-
BALE CAPACITY cubic feet	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	-	-	2
DATES	Order		Keel Lay		Launch 1 June 1864		Delivery 1854	
Passengers Carried	1st Cl - -		2nd Cl - -		3rd Cl - -		Launch Sponsor	
MACHINERY								
SUPPLIER Blackwood & Gordon - Paisley.					TYPE Steam Simple Vertical.			
CYLINDER DIAMETERS - 2 x 20 INCHES					STROKE 1.67 FT.		PROPULSION MODE Screw.	
N.H.P. 30	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume =		RATIO S.W. Circ. Pump Capacity L.P. Cylinder Volume =		
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		inches: length ft inches
Boiler Tubes: Diameter inches: length ft				inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1		RH LH: Dia ft: pitch		ft: No. of blades		built: solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-								inches
Electric Generators: No.				K.W. each: Voltage				
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		: Speed - 9 - Knots		
I.H.P.		R.P.M. 85		Steam Pressure at Engine		p.s.i.: Vacuum inches Hg		
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Australian inter colonial trade.								
Operated as a collier between Bulli & Sydney.								
Stranded in the Murray River on 10 th March, 1857 but was								
salved & repaired then sold to a Melbourne owner.								
Early 1860 became the property of J.E. Mannings and in								
March 1861 was lengthened by 30 feet.								
Foundered off Wollongong in a gale on 14/15 July 1866.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Yacht.	WANDERER.	—	1854
		SHIP OWNER	ENGINE No	
		Sir John Craven Carden Templemore. N.I.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	90-0	18-0					140	—	—
SALE CAPACITY Dwt. Ball	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
		Clincher	Iron.		Schooner	—	—	2	
DATES	Order			Keel Lay		Launch 26 Jul 1854	Delivery 5 Aug 1854.		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

1865 - owned by Samuel Lane, London.

1876 - 1st Lord Penzance, London.

1888 - Mrs. M.A. Caws. London.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	JAMES RUSSELL.	—	1854
		SHIP OWNER	ENGINE No	
		Alex. Russell & Co. Greenock.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	165-75	31-5	20-8			-	777	-	-
SALE CAPACITY Tons per Day	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	-	Carvel	Wood.	Ship	L.R.	-	3		
DATES	Order			Keel Lay	Launch 13 July 1854	Delivery 8 Aug 1854			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for London - Australia trade.

Foundered at sea - 7th Sept. 1870.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ANT.		SHIP No 19	DELIVERY YEAR			
Scott & Co Cartsdyke	General Cargo	SHIP OWNER	S. Martin, R. Henderson, D. Grainger - Belfast		ENGINE No -	1854			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	99.9	17.2	9.3	-	-	122	81.6	-	-
BALE CAPACITY CUBIC FEET	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Brig	-	-	2	
DATES	Order		Keel Laid		Launch 29 Jun 1854		Delivery 11 Aug 1854		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			Miss McGuire.	
MACHINERY									
SUPPLIER Blackwood & Gordon, Paisley.					TYPE Steam Simple Vertical.				
CYLINDER DIAMETERS - 2 x 20 INCHES					STROKE 1.67 FT.		PROPULSION MODE Screw		
N.H.P. 30	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers : main		: auxiliary		TYPE :		Working Pressure		main auxiliary 15 p.s.i.	
Dimensions D x L				ft		Total Heating Surface		Sq. Ft.	
Total Heating Surface				Sq. Ft.		Total Grate Area		Sq. Ft.	
Steam Space Volume				cubic feet		Furnaces : total no		: dia ft	
Boiler Tubes : Diameter				inches : length		ft		inches	
Propeller(s) : No. 1				RH LH : Dia 7.0 ft : pitch		14.0 ft : No. of blades		built : solid	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				inches					
Electric Generators : No.				K.W. each : Voltage					
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		Speed -		9 Knots	
I.H.P.		R.P.M. 85		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade : Melbourne coastal.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. VASCO DA GAMA.		SHIP No.	DELIVERY YEAR			
Scott & Sons Westburn	General Cargo	SHIP OWNER	See note on 'Mahones' data		ENGINE No	1854			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	131.0	18.0	10.0			178	132	-	-
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		-			-	
DATES	Order	Keel Lay		Launch		1 Aug 1854		Delivery 21 Aug 1854	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor		Miss Crockett, Glasgow.			
MACHINERY									
SUPPLIER - Scott Sinclair & Co.					TYPE Steam Simple Vertical.				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw.		
N.H.P. 40	L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.	
Dimensions DxL		ft		Total Heating Surface		Sq. Ft.		Total Grate Area - Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total		no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter		inches : length ft		inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1		RH LH: Dia		ft: pitch		ft: No. of blades		built : solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches									
Electric Generators: No. K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Glasgow - Lisbon.									
May 1863: Sold at Bilbao, Spain to foreigners (from Santander)									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ROBERT LOWE	SHIP No	DELIVERY YEAR
Scott & Co. Carlsdyke	Sailing Vessel.	SHIP OWNER		13	
			Wm. Schan Lindsay. London.	ENGINE No	1854

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	240.5	33.9	18.7				1297	—	—
BALE CAPACITY cube feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
		Clunicher		Iron		Ship	L.R.	—	3
DATES	Order 11 Feb 1853			Keel Lay	14 Jan 1854		Launch 12 Aug 1854		Delivery 27 Sept 1854
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	£ 17.000
Net Profit	
CAREER.	
Owner sued Scotts for late delivery. Scotts counter claimed for £ 2685 due to indecision by owners on alterations proposed.	
Ex L.R. 1858.	

(fitted with 80 NHP auxiliary engine by Tulloch & Denny, Dumbarton.)					
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	JAMES STEWART.	SHIP No 24	DELIVERY YEAR
Scott & Co Cartsdyke	Sailing Vessel	SHIP OWNER	J & W. Stewart. J Mc Gregor K. Mc Lay. Greenock	ENGINE No —	1854

TECHNICAL INFORMATION									
DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	115.8	22.5	13.4				239.5	—	—
BALE CAPACITY cube feet	G _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
—	—	Clincher		Iron		Brig.	L.R.	—	2
DATES	Order 20 Feb 1854			Keel Lay		Launch 9 Dec 1854		Delivery 18 Dec 1854	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME	
Invoice Price	Net Profit
CAREER.	
Built for the Clyde Newfoundland trade.	
15 Aug. 1856 - Total loss - wrecked on Rathlin Island.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. HUNTER		SHIP No 20	DELIVERY YEAR			
Scott & Co Carlsruhe	River Steamer	SHIP OWNER	Hunter River New Str. Nav Co. Sydney		ENGINE No	1854			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	154.6	18.6	10.3			237.5	145.07		
BALE CAPACITY (GROSS TONS)	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner		-	3	
DATES	Order		Keel Lay		Launch 19 Aug. 1854		Delivery 10 Sep. 1854		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		Capt. Kent. R.N.		
MACHINERY									
SUPPLIER McNab & Clark, Greenock					TYPE Steam Simple Oscillating.				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 4.0 FT.		PROPULSION MODE Paddles.		
N.H.P. 110	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \text{---}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \text{---}$			
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft		Total Heating Surface		Sq. Ft.	
Total Heating Surface				Sq. Ft.		Total Grate Area		Sq. Ft.	
Steam Space Volume				cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter				inches : length ft		inches		Fuel: Coal Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter				ft. inches.		Floats: No.		: L x B ft.	
Feathering:									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Hunter River.									
June 1858 - Sold to R. Haworth & partners, (Camden)									
Apr. 1861 - " " Illawarra S.N. Co. (lengthened to 181.5 ft.: 1864)									
June 1887 - " " P. Hunter.									
Dec. 1890 - " " Adelaide S.S. Co.									
Broken up in Melbourne July 1904 having been a lighter									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. IGNEZ DE CASTRO.		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	General Cargo	SHIP OWNER	see note on 'Mahones' data.		ENGINE No	1854	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	131.0	18.0	10.0		-	178	132
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS
	0	Clincher	Iron			L.R.	-
DATES	Order		Keel Laid		Launch 26 Sept 1854		Delivery 17 Oct 1854
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Margaret Little.		
MACHINERY							
SUPPLIER Scott Sinclair & Co.				TYPE Steam Simple Vertical.			
CYLINDER DIAMETERS - 2 x				INCHES	STROKE	FT.	PROPULSION MODE Screw
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers : main		: auxiliary		TYPE :		Working Pressure : main auxiliary p.s.i.	
Dimensions DxL				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.
Steam Space Volume				cubic feet	Furnaces : total no	: dia ft	: inches : length ft : inches
Boiler Tubes : Diameter				inches : length ft	inches	Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1				^{RH} LH : Dia ft : pitch	ft : No. of blades 3	built : solid	: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-							inches
Electric Generators : No.				K.W. each : Voltage			
TRIAL INFORMATION							
Displacement		Tons : Draught		ft : Cb -		Speed - - - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade : Glasgow - Lisbon.							
23 rd May 1859 - Wrecked off Peniche on voyage							
Glasgow - Lisbon.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. WILLIAMS.		SHIP No	21		DELIVERY YEAR
Scott & Co Cartsdylke	River Steamer	SHIP OWNER	Hunter River New Strm. Nav. Co. Sydney		ENGINE No	-		1854
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	155-0	20-8	11-0			310-55	200	-
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher.	Iron.		Barque	-	-	3
DATES	Order		Keel Laid		Launch 21 Oct 1854		Delivery 11 Nov 1854	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER McNab & Clark - Greenock.					TYPE Steam Simple Oscillating.			
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 4-0 FT.		PROPULSION MODE Paddles.	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume =		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =	
No of Boilers: main	: auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter			inches : length ft		inches		Fuel: Coal Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter			ft inches.		Floats: No.		: L x B ft.	
Feathering: -								
Electric Generators: No.			: K.W. each: Voltage					
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Hunter River.								
October 1862 - Australian S.N. Co.								
May 1872 - Owned by James Dean, Melbourne who in 1885 formed Melbourne Coal, Shipping and Eng. Co. and used her as an excursion steamer cum salvage vessel / tug.								
1859 - Williams & Paterson collided and Williams was sunk but raised quickly.								
1894 - Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. PATERSON		SHIP No	22	DELIVERY YEAR
Scott & Co Cavtsdyke	River Steamer	SHIP OWNER	Hunter River New Strm. Nav. Co. Sydney		ENGINE No	-	1855
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	155.0	20.8	11.0			309.3	199.84
DISPLACEMENT							
Deadweight							
SALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron	Barque		-	3
DATES	Order	Keel Lay	Launch 21 Dec 1854		Delivery 11 Jan 1855		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	M ^c Nab & Clark - Greenock.			TYPE Steam Simple Oscillating			
CYLINDER DIAMETERS	2 x 42 INCHES			STROKE	4.0 FT.		
PROPULSION MODE	Paddles						
N.H.P.	120	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE
SQ. FT.							
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		
S.W. Circ. Pump Capacity L.P. Cylinder Volume							
No of Boilers: main	auxiliary		TYPE:		Working: main Pressure: auxiliary		
p.s.i.							
Dimensions DxL	ft		Total Heating Surface		Sq. Ft.		Total Grate Area
Sq. Ft.							
Steam Space Volume	cubic feet		Furnaces:	total no	dia	ft	inches: length
ft		inches					
Boiler Tubes: Diameter	inches: length		ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter	ft. inches.		Floats: No.	: L x B		ft.	
Feathering:							
Electric Generators: No.	K.W. each		Voltage				
TRIAL INFORMATION							
Displacement	Tons: Draught		ft.: Cb		Speed: Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price	Net Profit						
CAREER							
Initial Trade:							
July 1871 - Sold to W. Summerbell & partners.							
1872 - A. Kennedy							
Jan 1874 - Jas. Billing							
13 July 1874 - Wrecked at entrance to Waitara River, New Zealand.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	CHRYSOLE	—	1855
		SHIP OWNER	ENGINE No	
		J. McArthur Glasgow	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	116.9	22.0	14.0			—	273	—	—
SALE CAPACITY	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
—	—	Carvel	Wood.	Schooner	L.R.	—	2		
DATES	Order	Keel Lay	Launch	9 Dec. 1854	Delivery	6 Jan 1855			
Passengers Carried					Launch Sponsor	Mrs. Hogarth.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Sailed from Singapore March 1856 and was not heard of again.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SPIRIT OF THE TIMES.	—	1855
		SHIP OWNER	ENGINE No	
		Ridley & Sons. Liverpool.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	123.4	20.7	13.7	6.6		308	260	—	—
SALE CAPACITY	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
—	—	Carvel	Wood	Ship	L.R.	—	3		
DATES	Order	Keel Lay	Launch	31 Dec 1854	Delivery	26 Jan 1855			
Passengers Carried					Launch Sponsor	Miss Scott of Finnart.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Lost - 1863

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SCINDIAN		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	General Cargo.	SHIP OWNER	Bombay Steam Navigation Co. Bombay		ENGINE No	1855	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	198.0	25.5	11.5				620
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL FAP	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0	Carvel	Wood	Ship	L.R.	-	3
DATES	Order		Keel Lay		Launch 11 Aug 1854		Delivery 22 Feb 1855
Passengers Carried	1st Cl - 2nd Cl 30/40 3rd Cl -				Launch Sponsor		
MACHINERY							
SUPPLIER Scott, Sinclair & Co.				TYPE Steam Simple Geared. (See 'Clyde' data)			
CYLINDER DIAMETERS - 2 x 52 INCHES				STROKE 3.75 FT.		PROPULSION MODE Screw	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.	
Dimensions D x L			ft		Total Heating Surface	Sq. Ft.	Total Grate Area
Steam Space Volume			cubic feet		Furnaces : total no	: dia ft	inches : length ft inches
Boiler Tubes : Diameter			inches : length ft		inches	Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1		RH LH : Dia ft		pitch ft : No. of blades		built : solid	: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 12							inches
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -		: Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Bombay to Kurrachee.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. EUROPEAN		SHIP No	23	DELIVERY YEAR	1855
Scott & Co Carrtsdyke	Cargo Passenger	SHIP OWNER	Robt. Henderson. Glasgow.		ENGINE No	-		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	305.0	38.2	25.4			2379.	1477	
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P.		RIGGED	CLASSIFICATION SOCIETY	BYWIND IRON WEIGHT - TONS	No. of Masts
-	0	Clincher	Iron		Barque	L.R.	-	3.
DATES	Order	1853	Kel Lay	14 Mar. 1854	Launch	20 Apr 1855	Delivery	24 Apr. 1855
Passenger Carried	1st CI 240 2nd CI 240 3rd CI 400				Launch Sponsor	Miss Peto. d. of Sir S.M. Peto MP for Norwich		
Could carry 2000 infantry.								
MACHINERY								
SUPPLIER Mc Nab & Clark Greenock					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x					INCHES	STROKE	FT.	PROPULSION MODE
								Screws.
N.H.P. 400	I.H.P. DESIGN RPM		DESIGN SPEED		9 KNOTS		CONDENSER COOLING SURFACE -	
								SQ. FT.
EXPANSION RATIO		RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary		p.s.i.
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area
								Sq. Ft.
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		inches: length ft
								inches
Boiler Tubes: Diameter		inches: length		ft		inches		Fuel Coal
								Draught: Natural
Propeller(s): No.		RH LH: Dia		ft: pitch		ft: No. of blades		built : solid
								: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Co -		: Speed -		Knots
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: During the Crimean War 'European' carried troops from Marseille to the Crimea via Malta.								
Thereafter Henderson was authorised by the French Government to use the French tricolor with the Union Jack in the white section as the Henderson house flag. (later changed to the reversed tricolor to avoid confusion.)								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ONEIDA		SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Cargo Passenger	SHIP OWNER	Buchanan Galbraith - Glasgow.		ENGINE No	1855	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	311.0	39.3	27.0				2317
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	NO. OF MASTS
	0	Clincher	Iron.			L.R.	
DATES	Order		Keel Laid		Launch 20 Mar 1855		Delivery 28 Apr 1855
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Miss Jane Scott, Finnart.		
MACHINERY							
SUPPLIER Scott, Sinclair & Co.				TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 3 x 58 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screws.	
N.H.P. 530	I.H.P. DESIGN RPM		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Cyl. Pump Capacity LP. Cylinder Volume
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.	
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Total		Grate Area		Sq. Ft.			
Steam Space Volume		cubic feet		Furnaces : total no		: dia ft inches : length ft inches	
Boiler Tubes : Diameter		inches : length ft		inches		Fuel - Coal	
Draught : Natural		Forced					
Propeller(s) : No. 1		RH LH : Dia ft : pitch		ft : No. of blades		built : solid : material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-							inches
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft : C _B -		: Speed - 12 Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price £60,000				Net Profit			
CAREER							
Initial Trade: Built for Canadian service by firm which went bankrupt.							
May 1858 : Sold to West Indian Royal Mail Steamship Co. after							
failure of European & Australian R.M. Co.							
Remained with Royal Mail Co. on South American							
route until 1874.							
1876 : owned by Ellis, London							
1890 : with Ship Oneida Co. London.							
1895 : Hulk.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MADAGASCAR.			SHIP No 25	DELIVERY YEAR	
Scott & Co Carrsdyke	General Cargo	SHIP OWNER	J.T & G. Rennie et al. Aberdeen			ENGINE No -	1855	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	165.2	23.5	13.9			398.8	320.9	-
SALE CAPACITY GROSS TONS	G _b	CONSTRUCTION	MATERIAL & P		ROGEE	CLASSIFICATION SOCIETY	SHOULDER IRON WEIGHT - TONS	No. of Masts
-	0	Clincher	Iron		Bavque.	-	-	3
DATES	Order -		Keel Laid -		Launch 5 Apr 1855		Delivery 25 May 1855.	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Jas. Abernethy. Aberdeen.					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE Screw.	
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary	TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume			cubic feet	Furnaces: ^{total} no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter			inches: length ft	inches	Fuel Coal	Draught: ^{Natural} Forced		
Propeller(s): No. 1		^{RH} LH: Dia	ft: pitch	ft: No. of blades		^{built} solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft. : Cb -	: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Used with Berwick to ferry mules to Dardanelles								
during Crimean War.								
4 th December 1858 - Wrecked at mouth of Ghellaika river								
in South Africa.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. AMHERST.	SHIP No 27	DELIVERY YEAR
Scott & Co. Carradyke	River Steamer	SHIP OWNER	Hamilton & Co. Glasgow.	ENGINE No	1855

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	126.2	19.2	9.3			160.48	101.11	-	-
SHELL CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL & P		BOGEO	CLASSIFICATION SOCIETY	PROVED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	-	-	2	
DATES	Order			Keel Lay		Launch 30 May 1855		Delivery 17 Jul 1855	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

MACHINERY

SUPPLIER				TYPE Steam simple direct acting.			
CYLINDER DIAMETERS - 2 x			INCHES	STROKE		FT.	PROPULSION MODE Paddles.
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE - SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$		
No of Boilers : main		: auxiliary		TYPE :		Working : main Pressure : auxiliary p.s.i.	
Dimensions D x L			ft	Total Heating Surface		Sq Ft	Total Grate Area - Sq. Ft.
Steam Space Volume			cubic feet	Furnaces : ^{total} no		: dia ft	inches : length ft inches
Boiler Tubes : Diameter			inches : length	ft	inches	Fuel : Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels - Diameter			ft. in.	Floats : No.		: L = B	ft.
Feathering :							
Electric Generators : No. : K.W. each : Voltage							

TRIAL INFORMATION

Displacement	Tons: Draught	ft: Cb -	: Speed -	Knots
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i.: Vacuum	inches Hg

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade:	
21 st February 1856 - Sold to His Highness Mehmed Ali Pasha at Constantinople & named Necim I Seref...	
1869 - Broken up.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. SALWEEN.		SHIP No	28		DELIVERY YEAR
Scott & Co Cartsdyke	General Cargo	SHIP OWNER	Buchanan Findlay & Co. Glasgow		ENGINE No	-		1855
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	126.0	19.4	9.2			157.98	99.53	-
SAIL CAPACITY	C ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED (GROSS WEIGHT - TONS)
	0.	Clincher	Iron		Schooner	-		-
DATES	Order		Kael Lay		Launch 28 Jun 1855		Delivery 13 Aug 1855	
Passengers Carried	1st CI	2nd CI	3rd CI		Launch Sponsor			
MACHINERY								
SUPPLIER					TYPE Steam simple direct acting			
CYLINDER DIAMETERS - 2 x					INCHES	STROKE	FT.	PROPULSION MODE
								Paddles.
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE	
								SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L		ft		Total Heating Surface		Sq Ft		Total Grate Area
								Sq. Ft.
Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		inches: length ft
								inches
Boiler Tubes: Diameter		Inches: length		ft		inches		Fuel: Coal
								Draught: Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels - Diameter		ft. in.		Floats: No.		: L x B		ft.
Feathering:								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade: Sold to Mulmein Steam Tug Co. 13 th Sept. 1856.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LORD LORTON		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	Canal Barge	SHIP OWNER	Great Southern & Western Rly Co. Dublin		ENGINE No	1855			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	70.0	14.0	6.5			40.94	27.84	—	—
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL F&P	ROGEE	CLASSIFICATION SOCIETY	INVOICED STOW WEIGHT - TONS	No. of Masts		
—	0	Clincher	Wood.	not rigged.	—		—		
DATES	Order			Kel Lay	Launch 17 Aug 1855		Delivery 24 Aug 1855		
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor —				
MACHINERY									
SUPPLIER Scott, Sinclair & Co					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 × INCHES					STROKE FT.		PROPULSION MODE Screw.		
N.H.P. 30	I.H.P. DESIGN RPM			DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main 1		: auxiliary —		TYPE:			Working : main Pressure : auxiliary 12 p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet				Furnaces : ^{total} no : dia ft inches : length ft inches					
Boiler Tubes : Diameter inches : length ft inches				Fuel Coal		Draught : ^{Natural} Forced			
Propeller(s) : No. 1		RH : Dia 4.0 ft : pitch —		ft : No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :—									inches
Electric Generators : No. — : — K.W. each : Voltage —									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb —		: Speed — 10 Knots			
I.H.P.	R.P.M. 150	Steam Pressure at Engine				p.s.i. : Vacuum		Inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade : To sail on canal : Dublin - Limevick & Loch Dearg.									
Had collapsible funnel for passing under bridges.									
Exhaust steam blown out under water.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BERWICK.		SHIP No	29	DELIVERY YEAR		
Scott & Co Carrisdyle	Collier	SHIP OWNER	Thomas Stirling Begbie London.		ENGINE No	-	1855		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	183.3	27.15	15.45			536.8	365.0	-	-
SALE CAPACITY Tons per hour	G	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
-	0	Clincher	Iron.	Schooner	LR.	-	3		
DATES	Order 26 Apr 1855			Kel Lay	Launch 22 Oct 1855		Delivery 8 Nov. 1855		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Neilson-Hyde Park Fdy-Glasgow.				TYPE Steam Simple Vertical					
CYLINDER DIAMETERS - 2 x INCHES				STROKE	FT.	PROPULSION MODE Screw			
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main : auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.				
Dimensions D x L			ft	Total Heating Surface	Sq Ft	Total Grate Area Sq. Ft.			
Steam Space Volume			cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches		
Boiler Tubes: Diameter			inches: length ft	inches	Fuel: Coal	Draught: Natural/ Forced			
Propeller(s): No. 1		✓ RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-							inches		
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -	: Speed -	Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum	Inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 12400.				Net Profit					
CAREER									
Initial Trade: During Crimean War conveyed 150 mules to the Dardanelles.									
1857: Registered owners - G. Elliott & D Jonassohn.									
Jan. 1875: - J. Humphrey, Durham.									
Oct 1876: - W. Brown, London.									
14 August 1884: Foundered off the Yorkshire Coast, N.E. of Hurlcliff, while on passage from Sunderland to Portsmouth.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LOUISE.		SHIP No	31		DELIVERY YEAR		
Scott & Co Cavtshdyke	General Cargo	SHIP OWNER	Valery Frères et Fils. Marseille.		ENGINE No	-		1855		
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	179.8	24.1	14.2			404.5	275.1	-	-	
SALE CAPACITY TONS	C _b	CONSTRUCTION	MATERIAL FAP		BOGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
	0	Clincher.	Iron		Schooner	-	-	3		
DATES	Order 19 Aug 1855		Keel Lay		Launch 8 Dec 1855		Delivery 28 Dec 1855			
Passengers Carried	1st CI 30		2nd CI 45		3rd CI -		Launch Sponsor			
MACHINERY										
SUPPLIER McNab & Clark					TYPE Steam Simple Vertical					
CYLINDER DIAMETERS - 2 x					INCHES	STROKE		FT.	PROPULSION MODE Screw.	
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE		SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area		Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia	ft	inches: length	ft inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: ^{Natural} Forced		
Propeller(s): No. 1		^{RH} LH: Dia	ft: pitch	ft: No. of blades		^{built} : solid	: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-										inches
Electric Generators: No. - : - K.W. each: Voltage -										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: Cb -	: Speed - 11½ Knots					
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade: To carry mail from Marseille to Bastia, capital of Corsica.										
25 Feb 1860: Lost off Bastia during night in violent storm from NNE										
with loss of Captain + 58 persons out of 84 complement										
and including 28 Italian artistes bound for Bastia										
to give a performance there.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. THALIA				SHIP No	30		DELIVERY YEAR	
Scott & Co Cartsdhyke	General Cargo	SHIP OWNER	W & J. J. Baird Greenock				ENGINE No	-			
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	175.2	23.75	14.05	-		418.9	334.3	-	-	-	
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYEOLD IRON GROSS TONS		No. of Masts		
-	0	Clincher	Iron		Schooner	-	-		2		
DATES	Order		Keel Lay		Launch 24 Nov. 1855		Delivery 30 Dec. 1855				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Anna J. Baird.						
MACHINERY											
SUPPLIER Caird & Co. Greenock					TYPE Steam Simple Vertical						
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw				
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.				
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume				
No of Boilers: main		: auxiliary		TYPE:			Working Pressure: main : auxiliary p.s.i.				
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches: length ft inches		
Boiler Tubes: Diameter			inches: length ft		inches		Fuel Coal		Draught: Natural/ Forced		
Propeller(s): No.		RH LH: Dia		ft: pitch		ft: No. of blades		built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-										inches	
Electric Generators: No. - : - K.W. each: Voltage -											
TRIAL INFORMATION											
Displacement		Tons: Draught		ft: Cb -		: Speed - 11.5 Knots					
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME											
Invoice Price					Net Profit						
CAREER											
Initial Trade:											
Registration was cancelled in 1861.											
Vessel had been lost some years before.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co. Cartsdyke	Sailing Vessel	DON DIEGO	26	1855
		SHIP OWNER	ENGINE No	
		Dunbar, Heatley & Co. Glasgow	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	135.0	24.3	14.0				272	—	—
SALE CAPACITY cub. feet	G _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
—	—	Clincher		Iron		Ship	L. R.	—	3
DATES	Order			Keel Lay		Launch 4 Jul 1855		Delivery 25 Jul 1855	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for copper ore trade between Swansea & Valparaiso.

Later owned by Summers, Grice & Co. Melbourne.

1893-4 became a lighter.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	SUNBEAM	—	1856
		SHIP OWNER	ENGINE No	
		J. McKeown, Larne, N.I.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	- Displacement	Deadweight
	62.9	17.4	6.8				42	—	—
BALE CAPACITY cub. feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	—	Wood		Sloop.	—	—	1	
DATES	Order			Keel Lay		Launch	1856	Delivery	1856
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Totally lost at Loch Sween, Argyll - 14th November 1903.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. WALDENSIAN		SHIP No	35		DELIVERY YEAR	1856		
Scott & Co. Carlsdyke	Collier	SHIP OWNER	J.R. Rennie Aberdeen		ENGINE No	24					
TECHNICAL INFORMATION											
DMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	164.6	24.5	14.1			368.8	250.8				
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED TONNAGE	No. of Masts		
	0	Clincher	Iron		Schooner	L.R.		-	3		
DATES	Order 7 Dec 1855			Kel Lay	-	Launch 7 May 1856		Delivery 20 May 1856			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor							
MACHINERY											
SUPPLIER A & J Inglis			Glasgow		TYPE Steam Simple Trunk						
CYLINDER DIAMETERS - 2 x 42			INCHES		STROKE		FT.		PROPULSION MODE Screw		
N.H.P. 60	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$						
No of Boilers: main		: auxiliary		TYPE:			Working Pressure: main : auxiliary p.s.i.				
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		: length ft inches		
Boiler Tubes: Diameter			inches: length ft		inches		Fuel Coal		Draught: Natural/Forced		
Propeller(s): No. 1		RH LH: Dia		ft: pitch		ft: No. of blades		built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-										inches	
Electric Generators: No. - : - K.W. each: Voltage -											
TRIAL INFORMATION											
Displacement		Tons: Draught		ft: Cb -		: Speed - 11.5 Knots					
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME											
Invoice Price					Net Profit						
CAREER											
Initial Trade: Collier trading between Aberdeen & Newcastle.											
Later whilst employed on the Cape Town - Natal mail service she struck Struy's Reef on 13 th October 1862.											
120 passengers & crew were rescued but all cargo & passengers luggage were lost including all the instruments & costumes of Christy's Minstrels who were on board.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	CUBAN	—	—
		SHIP OWNER	ENGINE No	1856
		John Kerr, Greenock.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	- Gross	Register	Displacement	Deadweight
	130.42	28.17	18.6				477	-	-
SALE CAPACITY <small>(Gross Tons)</small>	C _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	-	-	Wood	Ship	L.R.	-	3		
DATES	Order			Keel Lay		Launch 7 Jan 1856	Delivery 14 Jan 1856		
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

On way home from Demerara at 9½ knots sustained such a severe shock that she heeled over several strokes & her way was completely stopped.

Shortly after an immense whale rose a short distance from the ship's quarter. It appeared to be about to attack but stopped short & dived. G.A. Oct 16, 1856.
'Sailed 7 Dec. 1869 and not heard of since.'

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessels	MORTAR VESSELS (6)	—	—
		SHIP OWNER	ENGINE No	1856
		Lords Commissioners of the Admiralty.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	75.0	23.3	22.5					—	—
SALE CAPACITY <small>Under Deck</small>	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	—	Wood		Cutter	—	—	1	
DATES	Order			Keel Lay		Launch Feb — June 1856		Delivery	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Each carried one 13" mortar weighing 5 tons.

and had English oak frames, copper fastened, oak decks and teak planking.

Cutter rigged with a bowsprit

Magazine for 1000 rounds of shell, each 200 lbs.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ADMIRAL		SHIP No	34		DELIVERY YEAR
Scott & Co. Cartsdyke	Cattle Carrier	SHIP OWNER	W.T. Templeton. Greenock		ENGINE No	27		1856
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	113.4	16.2	8.8			113.89	77.45	
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0.	Clincher	Iron.		Schooner	L.R.	—	2
DATES	Order		Keel Lay		Launch 18 Apr 1856		Delivery 6 May 1856	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Scott, Sinclair & Co.					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screws.	
N.H.P. 30	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
					Total Grate Area		Sq. Ft.	
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter			inches : length ft inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1			RH LH: Dia ft : pitch		ft: No. of blades		built: solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:— inches								
Electric Generators: No. — : — K.W. each: Voltage —								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb —		: Speed — Knots		
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade: Trinidad to Spanish Main (cattle)								
Vessel sold to Ben. Simons of Glasgow.								
Sailed from Glasgow November 1858 for Seville								
x not heard of thereafter. 12 men aboard.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MALLACHO			SHIP No 36	DELIVERY YEAR	
Scott & Co. Carrsdyke	General Cargo	SHIP OWNER	T. Harrison & T. Rogerson. Liverpool			ENGINE No 30	1856	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	120.6	18.3	9.1			130.37	88.65	
SALE CAPACITY Cubes Feet	C _b	CONSTRUCTION	MATERIAL & P.		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of MALES
	0	clinchier	Iron		Schooner	-	-	2
DATES	Order		Kel Lay	8 Dec. 1855		Launch	27 Jun 1856	
						Delivery	29 Jul. 1856	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor		
MACHINERY								
SUPPLIER Scott, Sinclair & Co					TYPE Steam Trunk Simple			
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE Screw	
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO	S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main	: auxiliary	TYPE:				Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L		ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume		cubic feet	Furnaces: ^{total} no		: dia ft	inches: length	ft	inches
Boiler Tubes: Diameter		inches: length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1		<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades	built : solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught	ft: Cb -	: Speed -	Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum	inches Hg			
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade: River trade on West African Coast.								
Wrecked at Bonny - 3 rd September 1858.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. RHONE.		SHIP No	32	DELIVERY YEAR
Scott & Co. Cartsdyke	General Cargo.	SHIP OWNER	W.L. & D.A. Schuurmans - Rotterdam.		ENGINE No		1856
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	189-4	27-2	16-4			571-45	390-63
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS
	0	Clincher	Iron		Schooner	L.R.	No. of Masts
DATES	Order	Kiel 24 Nov 1855		Launch 18 Jun 1856	Delivery 20 Aug 1856		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER				TYPE			
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE
							Screw
N.H.P. 140	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		
EXPANSION RATIO		RATIO		S.W. Circ. Pump Capacity		SQ. FT.	
		Air Pump Capacity		L.P. Cylinder Volume			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main	
						: auxiliary p.s.i.	
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
						Total Grate Area	
						Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total		no	
						: dia ft	
						inches: length ft	
						inches	
Boiler Tubes: Diameter		inches: length		ft		inches	
						Fuel: Coal	
						Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No.		✓ RH - LH: Dia		ft: pitch		ft: No. of blades	
						built: solid	
						: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: -							
inches							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement		Tons: Draught		ft: Cb -		: Speed -	
						Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum	
						inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Rotterdam - Marseille service.							
1864 - Sold to Gerritt & Co. Rotterdam.							
20 th December 1870 - Lost in the Mediterranean.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. COURRIER DU MAROC		SHIP No	39		DELIVERY YEAR
Scott & Co. Carlsdyke	General Cargo	SHIP OWNER	Bazin Leon Gay & Co. Marseille		ENGINE No	—		1856
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	113.0	18.1	9.0			120.4	86.54	
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	—		2
DATES	Order		Keel Lay		Launch 13 Aug. 1856		Delivery 19 Sept 1856.	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Caird & Co. Greenock					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 × INCHES					STROKE	FT.		PROPULSION MODE Screw.
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main : auxiliary p.s.i.		
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
Total Grate Area			Sq. Ft.					
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft. : length ft. : inches	
Boiler Tubes: Diameter			inches: length ft. : inches		Fuel Coal		Draught: Natural ✓ Forced	
Propeller(s): No. 1			✓ RH LH: Dia ft: pitch		ft: No. of blades		built : solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — inches								
Electric Generators: No. — : — K.W. each: Voltage —								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft. : Cb —		Speed —		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Marseille - Morocco.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	(TENDER)		SHIP No	DELIVERY YEAR	
Scott & Sons Westbourn	Passenger Tender	SHIP OWNER	European & Australian Royal Mail Co. Southampton		ENGINE No	1856	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
							170
SIDE CAPACITY cubic feet	G _D	CONSTRUCTION	MATERIAL P&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS
	0	Clincher	Iron		-	-	-
DATES	Order		Keel Lay		Launch 28 Aug 1856		Delivery 30 Sept 1856
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER Scott, Sinclair				TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x				INCHES	STROKE	FT.	PROPULSION MODE
							Screw.
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE
						SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.	
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area
							Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: total no	: dia ft	inches: length ft inches
Boiler Tubes: Diameter				inches: length ft	inches	Fuel: Coal	Draught: Natural / Forced
Propeller(s): No.		RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:--							inches
Electric Generators: No.				:	K.W. each: Voltage		
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb -	: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade:							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. RAITH.		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	General Cargo	SHIP OWNER	Kirkcaldy & Leith Steamship Co		ENGINE No	1856			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	72-0	15-0	7-0			52	35		
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEAM WEIGHT - TONS	No. of Masts
	0	Carvel	Wood.						
DATES	Order		Keel Lay		Launch 28 Oct 1856		Delivery 4 Nov. 1856		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Scott, Sinclair					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS -				INCHES	STROKE		FT.	PROPULSION MODE Screw	
N.H.P. 15	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia	ft	inches: length ft inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No.		<input checked="" type="checkbox"/> RH <input type="checkbox"/> LH: Dia	ft: pitch	ft: No. of blades		built: solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators: No.		:	K.W. each		Voltage				
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.:	Vacuum	inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 1400					Net Profit				
CAREER									
Initial Trade:									
Maiden Voyage. Greenock - Easdale with coal cargo.									
Easdale - Kirkcaldy . slates cargo.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KILLARNEY		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	General Cargo	SHIP OWNER	Glasgow, Cork & Waterford S.S.Co.		ENGINE No	1856			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	165.0	22.0	11.75			281			
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	REGISTERED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	Lloyd's	-	2	
DATES	Order			Keel Laid	Launch July 1856		Delivery 25 Nov 1856		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Scott, Sinclair & Co.					TYPE Steam Simple Trunk Inverted direct acting.				
CYLINDER DIAMETERS - $2 \times 32\frac{1}{2}$ INCHES					STROKE	FT.	PROPULSION MODE Screw		
N.H.P. 85	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers : main : auxiliary			TYPE :			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces : total no : dia		ft	inches : length	ft inches
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No.		VRH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No.					:	K.W. each : Voltage			
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Built on Spec. (Original names - not registered - Irene & Cantenière.)									
Sold Nov 1856 to the above owner. (trading name of Clyde									
(Shipping Co.)									
Sold Nov 1857 to Middleton & Pollexfen, Sligo.									
Repurchased 1858 by Clyde Shipping Co.									
Sold to Goole Strm. Shipping Co 1860.									
1872 - Re-engined (compound 19" x 36" x 2.33 ft by Humphreys & Pearson.)									
20 September 1884 - Capsized and sank in the Humber.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	LADY DOUGLAS.	SHIP No 38	DELIVERY YEAR
Scott & Co Cartsdyke	Sailing Vessel.	SHIP OWNER	J. Galbraith, Robt. Henderson. Glasgow.	ENGINE No	1856

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	164.3	27.3	17.9			-	564	-	-
RALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	-	Clincher.	Iron.	Schooner	L.R.		3		
DATES	Order	Keel Lay	Launch	24 Jun. 1856	Delivery	8 Jul 1856			
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor					

CONTRACT OUTCOME

Invoice Price	Net Profit
Career: 1864: sold to Albion Shipping Co. Glasgow. 1873: bought by Taylor & Co. London.	
1876: transferred to Taylor, Bethell & Roberts, London.	
1882: " Taylor, Sons & Co. London: 1889: sold to J.M. Ferguson, London	
6 th May 1889: Beached on Wednesday Is. north bound from Newcastle NSW. with coal after striking a reef. July 1889: slipped off reef and sank.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MATANZAS.	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	John Kerr. Greenock	ENGINE No	1857

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	125.7	24.0	15.9			-	325.1	-	-
RALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	-	Carvel.	Wood.	Ship.	L.R.	-	3		
DATES	Order	Keel Lay	Launch	28 Feb 1857	Delivery	10 Mar 1857			
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor	Miss Scott of Finnart.				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade	
16 th January - Lost on journey Buenos Aires to Laguna de los	
1862. Padres at Cape San Antonio.	
Wreck sold to ship's master for 15 doubloons. (c.£50)	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LEWIS CASTLE.		SHIP No	DELIVERY YEAR			
Scott & Sons Westburn	General Cargo	SHIP OWNER	Mackay, Newton & Smith, Greenock		ENGINE No	1857			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	81.4	15.3	7.5			62.33	42.38		
BALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0	Carvel	Wood						
DATES	Order		Keel Lay		Launch 14 Feb 1857		Delivery 14 Feb 1857		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Scott, Sinclair & Co.				TYPE Steam Simple Vertical					
CYLINDER DIAMETERS - INCHES				STROKE FT.		PROPULSION MODE - Screw			
N.H.P. 15	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main : auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.				
Dimensions D x L ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.				
Steam Space Volume cubic feet			Furnaces: total no : dia ft inches : length ft inches						
Boiler Tubes: Diameter inches : length ft inches			Fuel: Coal.		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia ft : pitch ft : No. of blades			built: solid		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: -								inches	
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade: - Vessel sold to Russia for the opening of the Gulf of Finland									
season - 26 March 1857.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DUMERIES.		SHIP No	44	DELIVERY YEAR	1857		
Scott & Co. Cartisdyle	General Cargo	SHIP OWNER	Dumfries & Glasgow Gen. Stm. Nav Co. Dumfries		ENGINE No	36				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	112.0	18.1	9.0			124.65	84.76			
SALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
	0	Clincher	Iron		Schooner	L.R.		2		
DATES	Order		Keel Lay		Launch 28 Aug 1856		Delivery 22 Feb 1857			
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor					
MACHINERY										
SUPPLIER					TYPE					
CYLINDER DIAMETERS - 2 x					INCHES	STROKE	FT.	PROPULSION MODE	Screw	
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE			SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume			
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary			p.s.i.	
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches : length ft	inches
Boiler Tubes : Diameter			inches : length		ft		inches		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1		✓ RH LH : Dia	ft : pitch		ft : No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches	
Electric Generators : No. - : -									K.W. each : Voltage -	
TRIAL INFORMATION										
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade: Glasgow - Dumfries - Liverpool										
13 December 1859 - Transferred to Jersey										
20 October 1872 - Stranded at Killaloe Bay										
29 March 1873 - Registration cancelled.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AUSTRALIAN.		SHIP No 41	DELIVERY YEAR					
Scott & Co. Carrtsdyke	General Cargo	SHIP OWNER	John Porteus, Sydney.		ENGINE No	1857					
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	78.0	15.0	7.4			80.0					
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	PROVED IRON WEIGHT - TONS	No. of Masts			
	0	Clincher	Iron.								
DATES	Order 12 Aug 1856			Keel Lay	Launch	Delivery					
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor							
MACHINERY											
SUPPLIER					TYPE						
CYLINDER DIAMETERS -					INCHES	STROKE	FT.	PROPULSION MODE	Screw		
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		SQ. FT.			
EXPANSION RATIO	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume				
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.					
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area		Sq. Ft.		
Steam Space Volume			cubic feet	Furnaces: total		no	: dia	ft	inches : length	ft	inches
Boiler Tubes : Diameter			inches : length	ft	inches	Fuel : Coal	Draught : Natural / Forced				
Propeller(s) : No.		✓ RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches											
Electric Generators : No. : K.W. each : Voltage											
TRIAL INFORMATION											
Displacement		Tons : Draught		ft : Cb -	: Speed -		Knots				
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg					
CONTRACT OUTCOME											
Invoice Price					Net Profit						
CAREER											
Initial Trade :											
Dismantled on berth & shipped to Sydney per											
barque 'Tomatin'!											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ZULU.		SHIP No	45	DELIVERY YEAR	1857				
Scott & Co Cartsdyke	General Cargo	SHIP OWNER	Lampert & Holt. Liverpool		ENGINE No	41						
TECHNICAL INFORMATION												
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight			
	147.8	22.45	12.7			278.0	189.3					
SALE CAPACITY Tons per Day	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYWIND IRON WEIGHT - TONS	No. of Masts				
	0	Clincher	Iron		Brig	L.R.	-	2				
DATES	Order		Keel Lay		Launch 1 Apr 1857		Delivery 12 May 1857					
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor							
MACHINERY												
SUPPLIER Scott Sinclair & Co					TYPE Steam Simple Vertical							
CYLINDER DIAMETERS - 2x					INCHES	STROKE	FT.	PROPULSION MODE	Screw			
N.H.P. 60	I.H.P. DESIGN RPM		DESIGN SPEED		9 KNOTS		CONDENSER COOLING SURFACE		SQ. FT.			
EXPANSION RATIO		RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume				
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.				
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area		Sq. Ft.		
Steam Space Volume				cubic feet	Furnaces: total no		: dia	ft	inches	length	ft	inches
Boiler Tubes: Diameter				inches	length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No.		<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades		built : solid		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-									inches			
Electric Generators: No.					:	K.W. each: Voltage						
TRIAL INFORMATION												
Displacement		Tons: Draught		ft: Cb	: Speed -		9 Knots					
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg					
CONTRACT OUTCOME												
Invoice Price					Net Profit							
CAREER												
Initial Trade: South Africa - later West Indies												
7 th August 1858 - sold to Mauritius owners.												
28 th May 1861 - lost off Folly Point, Jamaica.												

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. THETIS.		SHIP No	40		DELIVERY YEAR
Scott & Co. Carrsdyke	General Cargo	SHIP OWNER	John Scott, yst. Greenock		ENGINE No	-		1857
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	197.8	26.6	14.75	10.54		523.0	355.8	734
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	REGISTERED WEIGHT - TONS	No. of Masts
	0.46	Clincher	Iron		Schooner	L.R.	-	3
DATES	Order		Keel Lay		Launch 10 Jan 1857		Delivery 13 May 1857	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor	
MACHINERY								
SUPPLIER Rowan & Co.			Glasgow.		TYPE Steam Compound Vertical (Rowan design)			
CYLINDER DIAMETERS			hp (2) 21 l.p (4) 42		STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 713 SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 2		: auxiliary		TYPE: Water tube		Working Pressure: main 115 p.s.i. auxiliary		
Dimensions D x L		ft		Total Heating Surface		1923 Sq. Ft.		Total Grate Area 36 Sq. Ft.
Steam Space Volume		cubic feet		Furnaces: total no 4		: dia ft - inches : length ft - inches		
Boiler Tubes: Diameter		inches : length ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1		RH LH: Dia 12.0 ft : pitch 23.0 ft		No. of blades		built: solid : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		: Speed - 9 Knots		
I.H.P. 256		R.P.M. 47.6		Steam Pressure at Engine		60 p.s.i.: Vacuum 26 inches Hg		
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade:								
Sold January 1862 in Genoa.								
renamed Moncalièvi.								
1897 - Citta di Riposto.								
1899 - broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. UNDINE				SHIP No 47	DELIVERY YEAR
Scott & Co Cavtsdyke	General Cargo	SHIP OWNER	Charles Deubner. Riga.				ENGINE No 44.	1857.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	162.9	18.0	7.0			132.6	83.5	-
SALE CAPACITY Gross Tons	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BRIGGOLD JAGON WEIGHT - TONS	No. of Masts
0	Clincher	Iron		Schooner	-	-	-	2
DATES	Order		Keel Laid		Launch 13 Apr 1857		Delivery 10 Jun 1857	
Passenger Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scott, Sinclair & Co					TYPE Steam Simple Oscillating			
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE	Paddles.
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE - SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.
Steam Space Volume				cubic feet	Furnaces : total no	: dia ft	inches : length ft	inches
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Electric Generators : No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -	: Speed - Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum - inches Hg			
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Between Riga & adjacent watering places.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. HERO.				SHIP No 48	DELIVERY YEAR
Scott & Co Cartsdyke Cargo	General Cargo	SHIP OWNER	St. Petersburg & Riga S.N. Co. Riga				ENGINE No 46	1857
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	201.5	23.9	10.3			371.2	233.9	-
SALE CAPACITY GROSS TONS	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	-	-	2
DATES	Order		Keel Laid		Launch	27 May 1857		Delivery 29 Jul 1857
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER	Scott Sinclair & Co				TYPE	Steam Simple Oscillating		
CYLINDER DIAMETERS - 2x	INCHES				STROKE	FT.		PROPULSION MODE
								Paddles.
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		SQ. FT.
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{\quad}{\quad}$				RATIO $\frac{\text{S.W. Circ Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{\quad}{\quad}$			
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions DxL	ft		Total Heating Surface			Sq. Ft.		Total Grate Area
								Sq. Ft.
Steam Space Volume	cubic feet		Furnaces: total no	: dia	ft	inches	length	ft
								inches
Boiler Tubes: Diameter	inches		length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter	ft.		inches	Floats: No.	: L x B		ft.	
Feathering: _____								
Electric Generators: No. _____ : K.W. each: Voltage _____								
TRIAL INFORMATION								
Displacement	Tons		Draught	ft. : Cb -		Speed - 13 1/4 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: _____								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	General Cargo.	S.S. BLACK BOY.	ENGINE No	1857
		SHIP OWNER	Curtis, Harvey & Co. Glenlean.	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	81.5	15.0	7.9			66	45		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	L.R.	-	2	
DATES	Order			Keel Lay		Launch 10 Jul 1857		Delivery 5 Aug 1857	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

MACHINERY

SUPPLIER Scott, Sinclair & Co				TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x 12			INCHES	STROKE 1.33		FT.	PROPULSION MODE Screw
N.H.P. 15	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ =			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ =		
No of Boilers : main		: auxiliary	TYPE :			Working Pressure : main auxiliary p.s.i.	
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.
Steam Space Volume			cubic feet	Furnaces : ^{total} no		: dia ft	inches : length ft inches
Boiler Tubes : Diameter			inches : length	ft	inches	Fuel : Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No.		RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-							inches
Electric Generators : No.							: K.W. each : Voltage

TRIAL INFORMATION

Displacement	Tons	Draught	ft	Cb -	: Speed -	Knobs
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i.	Vacuum	inches Hg	

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade: Transporting gunpowder from the manufacturer's works at Glenlean to various ports.	
She later worked out of Swansea for some years but finished up in Australia working as a tug in Melbourne harbour from 1875 until she was wrecked at Point Lonsdale while attempting to salvage the 'George Roper' in July 1883. The 'George Roper' a new four masted sailing ship on her maiden voyage from London had run ashore on the Lonsdale Reef in thick fog.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TWEEDSIDE.		SHIP No	DELIVERY YEAR			
Scott & Co Carrisdyke	General Cargo.	SHIP OWNER	Thomas Stirling Begbie. London		46	1857			
ENGINE No -									
TECHNICAL INFORMATION.									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	24.0	29.9	17.5			771.3	524.5	-	-
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL	FAP	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
-	0.	Clincher	Iron.		Barque	L.R.	-	3	
DATES	Order 9 Oct 1855		Kael Lay	-	Launch 27 Jun 1857		Delivery 22 Aug 1857		
Passengers Carried	1st Cl 20 2nd Cl -- 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Neilson. Glasgow					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE FT.		PROPULSION MODE Screw		
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L				Total Heating Surface		Sq Ft		Total Grate Area Sq. Ft.	
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		: length ft inches	
Boiler Tubes: Diameter inches				: length ft		: inches		Fuel: Coal Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No.		RH LH: Dia ft		: pitch		: No. of blades		built: solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION.									
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 16,000 - Net Profit.									
CAREER									
Initial Trade:									
1860 - Sold to foreigners.									
1866 - Ex L.R.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. LEANDER.		SHIP No	49		DELIVERY YEAR	1857
Scott & Co Carrsdyke	General Cargo.	SHIP OWNER	St. Petersburg & Riga S.N.Co - Riga		ENGINE No	47			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	201.5	23.9	10.3				371.2	233.9	-
SALE CAPACITY (Gross Tons)	G	CONSTRUCTION	MATERIAL & P		ROGED	CLASSIFICATION SOCIETY	BYEOLD IRON WEIGHT - TONS	No. of Masts	
-	0	Clinchev	Iron.		Schooner	-	-	2	
DATES	Order -		Keel Lay -		Launch 12 Jun 1857		Delivery 14 Sept. 1857		
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -		
MACHINERY									
SUPPLIER Scott, Sinclair & Co.					TYPE Steam Simple Oscillating				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles		
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main		: auxiliary p.s.i.	
Dimensions D x L ft				Total Heating Surface Sq Ft		Total Grate Area Sq Ft			
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		: length ft inches	
Boiler Tubes: Diameter inches				: length ft		: inches		Fuel Coal	
								Draught: Natural <input checked="" type="checkbox"/> Forced	
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed - 14 Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade:									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. JOVELLANOS.		SHIP No 50	DELIVERY YEAR				
Scott & Co. Cardisdyke	General Cargo	SHIP- OWNER	W & J. Peebles. Glasgow.		ENGINE No 50	1857				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	159.4	24.5	16.2			498.9	470.3			
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL & P		- RIGGED -	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
	0	Clincher	Iron		Schooner	-	-	3		
DATES	Order		Keel Lay 8 Apr 1857		Launch 5 Oct 1857		Delivery 11 Nov 1857			
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor				
MACHINERY										
SUPPLIER Scott, Sinclair & Co.					TYPE Steam					
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw			
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary		p.s.i.		
Dimensions DxL				ft		Total Heating Surface		Sq. Ft		
Steam Space Volume				cubic feet		Furnaces : total no		: dia ft inches : length ft inches		
Boiler Tubes : Diameter				inches : length ft		inches		Fuel : Coal		
Propeller(s) : No. 1				✓ RH LH : Dia		ft : pitch		ft : No. of blades		
						built : solid		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches										
Electric Generators : No. - : - K.W. each : Voltage -										
TRIAL INFORMATION										
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots		
I.H.P		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade : Sold to a Spanish firm :										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GENERAL ABBATUCCI			SHIP No 51	DELIVERY YEAR	
Scott & Co. Cartsdyke	General Cargo.	SHIP OWNER	Valery Frères et Fils - Marseille.			ENGINE No -	1857.	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	191.7	24.1	14.3			427.5	256.7	
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	-	-	3
DATES	Order		Keel Lay		Launch 8 Sept 1857		Delivery 6 Oct 1857	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER A & J Inglis Glasgow.					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE Screw	
N.H.P. 130	I.H.P. DESIGN RPM		DESIGN SPEED			KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area
Steam Space Volume				cubic feet	Furnaces: total		no	: dia ft inches: length ft inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1		RH LH: Dia		ft: pitch	ft: No. of blades		built : solid	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No. -				K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		: Speed - 12 1/2 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Mediterranean Coastal.								
7 th May 1863. - Wrecked in collision with a Norwegian sailing boat off the coast of Corsica.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. VISCOUNT CANNING.			SHIP No 33	DELIVERY YEAR
Scott & Co. Cartsdyke	General Cargo	SHIP OWNER	Dumbarton. Edward Blackmore, Master Mariner,			ENGINE No 43	1857
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	213.7	30.0	17.8			781.96	531.7..
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P	RIJGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron	Barque	L.R.	—	3
DATES	Order	Keel Lay	Launch 13 Aug 1857			Delivery 12 Oct 1857.	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor —			
MACHINERY							
SUPPLIER Scott, Sinclair & Co.				TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 × INCHES				STROKE FT.		PROPULSION MODE Screw.	
N.H.P. 130	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$		
No of Boilers: main		: auxiliary	TYPE:			Working : main Pressure : auxiliary p.s.i.	
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area
Steam Space Volume			cubic feet	Furnaces: total no	: dia ft	inches: length ft	: inches
Boiler Tubes: Diameter			inches: length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1		<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades		built : solid	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:—							inches
Electric Generators: No.				K.W. each: Voltage			
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb —	: Speed —		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: First Charter - conveying troops to India. (300 officers & men.)							
Sold to foreigners at Bangkok - 11 th February 1861.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co Cartsdyke	Sailing Vessel	CANADIAN.	—	1857
		SHIP OWNER	ENGINE No	
		Wm. Orr. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	- Draught	TONNAGE (TONS)	Gross	- Register	- Displacement	- Deadweight
	166.6	31.3	19.9				705	-	-
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	-	-	Wood		Ship	L.R.	-	3	
DATES	Order			Keel Lay		Launch 31 Aug 1857	Delivery 15 Sept. 1857		
Passengers Carried						Launch Sponsor - Miss Scott of Finner.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for the Montreal trade.

26 Feb 1869 - On passage Dundee/Havana with coal 'Canadian' got embayed between Turness and Brimsness, Isle of Hoy and came to with both anchors out. She was driven ashore & dashed to pieces.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co Cartsdyke	Sailing Vessel.	SILVER CLOUD.	53	18
		SHIP OWNER	ENGINE No	
		John Morrison Cape Town.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	106.3	20.1	11.7				154	—	—
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION - SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Clincher	Iron	Brig	L.R.	—	2		
DATES	Order			Keel Lay		Launch 17 Mar 1858	Delivery 27 Mar 1858.		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for South African coastal service.

Between 1858 & 1885 made 82 voyages between Table Bay & Rio de Janeiro.

Cargo listed as bags of Coffee. She also sailed to Mauritius & Boston.

On arrival on 29 August 1885 having encountered severe weather & sustained heavy damage she was condemned and did not sail again from Cape Town.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BURMAH.				SHIP No 52	DELIVERY YEAR	
Scott & Co. Carrisdyle	General Cargo	SHIP OWNER	Calcutta & Burmah Strm. Nav Co. London				ENGINE No —	1858.	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	229.5	29.2	16.3			787.2	535.3		
SALE CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Barge	L.R.		—	3
DATES	Order		Keel Lay		16 Sept 1857	Launch 3 Feb 1858		Delivery 30 Mar 1858	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER A & J Inglis Glasgow.					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw		
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED			KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} =$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} =$			
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft		Total Heating Surface		Sq. Ft.	
Total Grate Area				Sq. Ft.					
Steam Space Volume				cubic feet		Furnaces: ^{total} no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter				inches : length ft		inches		Fuel Coal	
Draught: <input checked="" type="checkbox"/> Natural				: Forced					
Propeller(s): No. 1				<input checked="" type="checkbox"/> RH LH: Dia		ft: pitch		ft: No. of blades	
built				: solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — inches									
Electric Generators: No. — : — K.W. each: Voltage —									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft. : Cb —		: Speed —		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Burma Coastal.									
Lost - early 1863 - ashore, north of Madras.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. SETANG		SHIP No.	54	DELIVERY YEAR
Scott & Co. Carlsdyke	River Steamer	SHIP OWNER	T.D. Findlay & Co. Glasgow.		ENGINE No.	-	1858
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	13.0	21.2	10.4			201.8	108.5
DISPLACEMENT							-
DEADWEIGHT							-
SALE CAPACITY	C ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS
	0	Clincher	Iron		Schooner	-	2
DATES	Order	Keel Lay	Launch		26 Mar 1858		Delivery - 3 May 1858
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER	McNab & Clark - Greenock				TYPE		
				Steam simple vertical.			
CYLINDER DIAMETERS -	2 x		INCHES		STROKE	FT.	
				PROPULSION MODE - Paddles.			
N.H.P.	80	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE
				SQ. FT.			
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume
No of Boilers : main	: auxiliary		TYPE :		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
						Total Grate Area	
						Sq. Ft.	
Steam Space Volume	cubic feet		Furnaces : total no		: dia ft		inches : length ft
						inches	
Boiler Tubes : Diameter	inches : length		ft		inches		Fuel Coal
						Draught : Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels : Diameter	ft. inches.		Floats : No.		: L x B		ft.
Feathering :							
Electric Generators : No.				K.W. each : Voltage			
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -		: Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade :							
Sold to H.M. Government of India at Moulmein							
on 11 th April 1860.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	ACORN				SHIP No —	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel.	SHIP OWNER	John Scott, Snr. John Scott, Jr Greenock				ENGINE No —	1858	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	63.5	18.4	7.8				56	—	—
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
			Wood		Ship	L.R.	—	3	
DATES	Order			Keel Lay		Launch		Delivery 13 Apr 1858	
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Ex. L.R. - 1869.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HEBRIDES.				SHIP No —	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Vessel	SHIP OWNER	R. Mc Fie of Airds.				ENGINE No —	1858	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	50.42	12.33	7.5	—			22	—	—
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—		Wood.		Schooner	—	—	2	
DATES	Order			Keel Lay 12 Apr 1858		Launch 16 Jun 1858		Delivery 23 Jun 1858	
Passengers Carried					Launch Sponsor Miss Campbell. d. of D.A. Campbell of Appin. R.N.Y.C.				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Sold to Danish subjects - 26 th Apr. 1883.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. FLORA				SHIP No 55	DELIVERY YEAR	
Scott & Co Cartadyke	General Cargo	SHIP OWNER	Bristol General Steam Nav. Co. Bristol				ENGINE No -	1858	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	215.5	25.7	13.5			570.7	359.6	-	-
SALE CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL & P.		RIGGED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron			-		-	2
DATES	Order		Keel Lay 23 Jan 1858		Launch 14 Jun 1858		Delivery 2 Aug. 1858		
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER McNab & Clark - Greenock					TYPE Steam Simple Vertical.				
CYLINDER DIAMETERS - 2 x					INCHES	STROKE	FT.	PROPULSION MODE Paddles	
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers : main		: auxiliary		TYPE :		Working : main Pressure : auxiliary		p.s.i.	
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area	
Steam Space Volume				cubic feet	Furnaces : total no		: dia	ft	inches : length
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel : Coal	Draught : Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels : Diameter				ft. inches.	Floats : No.		: L x B		ft.
Feathering :									
Electric Generators : No.					K.W. each : Voltage				
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade : Cork - Bristol.									
1863 - Bought by W.S. Lindsay & Co. for £35000.									
11 Jan. 1864 - Reported lost 60 miles from Bermuda on her way to									
Halifax for repairs, having run the blockade 10 times									
between Bermuda & Wilmington between August 1863									
and January 1864.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. CARRIER.				SHIP No	DELIVERY YEAR	
Scott & Co Carrisdyle	Train Ferry	SHIP OWNER	Edinburgh, Perth, Dundee Rly Co. Leith.				ENGINE No	1858.	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	124.4	24.7	8.5			243.3	131.4	-	-
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		DRY DOCK WEIGHT - TONS	No. of Masts
-	0	Clincher	Iron		-			-	-
DATES	Order			Keel Lay		Launch 16 Nov 1858		Delivery 22 Nov 1858	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
MACHINERY									
SUPPLIER Scott, Sinclair & Co.					TYPE Steam simple, oscillating.				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 3.0 FT.		PROPULSION MODE Paddles		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED			KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:			Working Pressure: main : auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		inches: length ft inches	
Boiler Tubes: Diameter inches: length ft				inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Train Ferry on the River Tay. (1858-1878)									
Later owned by S.L. Mason, Granton, 1875, of North British Railway Co.									
" (2 Jul 1884) registered in London - Isle of Wight Transit Co.									
" (1887) with the Brighton & South Coast Railway.									
Broken up in Sweden 1893									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	-S.S. BEAULY.		SHIP No	56	DELIVERY YEAR
Scott & Co Carrisdye	Cargo	SHIP OWNER	Captain W. Latour Inverness.		ENGINE No	57	1858
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	64.7	12.2	6.3			29.72	20.21
RAIL CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts
	0	Clincher	Iron.	Schooner		-	2
DATES	Order	Keel Lay	Launch 3 Sept 1858		Delivery 10 Sept 1858		
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co				TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x INCHES				STROKE FT.		PROPULSION MODE	
N.H.P. 15	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers : main : auxiliary		TYPE :		Working Pressure : main : auxiliary		p.s.i.	
Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces : total no		: dia ft inches : length ft inches	
Boiler Tubes : Diameter		inches : length ft		inches		Fuel Coal Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1		<input checked="" type="checkbox"/> RH LH : Dia ft : pitch		ft : No. of blades		built : solid : material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches							
Electric Generators : No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft : Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum - inches Hg.	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade :							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	PS. PALLADA, TCHERAR, URANA.				SHIP No 58, 59, 60	DELIVERY YEAR 1858.	
Scott & Co Cartzdyke	General Cargo	SHIP OWNER	St. Petersburg. Neptune Steam Packet Co. of the Volga.				ENGINE No -		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	-	-	-	-		-	-	-	-
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts	
	0.	Clincher.	Steel Iron				-		
DATES	Order			Kael Lay	Launch		Delivery 1 Oct 1858.		
Passengers Carried	1st Cl - - - 2nd Cl - - 3rd Cl - -				Launch Sponsor				
MACHINERY									
SUPPLIER					TYPE				
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE Paddles.		
N.H.P.	I.H.P. DESIGN RPM			DESIGN SPEED	KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main : auxiliary			TYPE:			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume				cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -	Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Volga River Traffic.									
These small vessels were dismantled on the berth and shipped									
to Russia by sailing vessels via Leith.									
They are believed to be the first vessels built on the Clyde to include									
steel plating in their construction. (bottom & turn of bilge)									
(Also referred to by John Scott W in letter of March 13, 1868 to T.S. Begbie.)									
(See GD 319/11/1/14)									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Sons Westburn	Sailing Vessel	ISABELLA RIDLEY.	—	1858
		SHIP OWNER	ENGINE No	
		Ridley Bros. Liverpool	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	105.6	24.8	14.5				233	—	—
SALE CAPACITY <small>Gross Net</small>	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
—	—	Carvel	Wood	Barque	L.R.	—	3		
DATES	Order			Keel Lay	Launch 24 Aug 1858	Delivery 1858			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER.	
Built for the Newfoundland and Brazil trade.	
Stranded Pensacola 1881.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co Cavtshyke	Sailing Vessel.	JANE HENDERSON.	63	1859.
		SHIP OWNER	ENGINE No	
		P. Henderson & Co. Glasgow.	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	169.9	28.35	17.45				585	—	—
SALE CAPACITY Gross Tons	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
—	—	Clincher	Iron		Ship	L.R.	—	3	
DATES	Order			Keel Lay		Launch 2 Jul 1859		Delivery 30 Jul 1859	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER:	
1864 - Sold to Albion Shipping Co.	
1872 - Bought by Taylor & Co London & renamed Toowoomba.	
1876 - Transferred to Taylor, Bethell & Roberts.	
1879 - Sold to Telegraph Construction & Maintenance Co. Ltd. London.	
1882 - Sold to Eastern & South African Telegraph Co. London.	
1889 - Dismantled and used as a cable storage bulk in W. Africa.	
1891 - Scrapped	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. VIBORG			SHIP No 66	DELIVERY YEAR
Scott & Co. Cartdyke	General Cargo	SHIP OWNER	D & W Henderson. Glasgow.			ENGINE No 66	1859.
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	95.5	16.2	8.45			87.44	59.46
BALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P	REGISTERED	CLASSIFICATION SOCIETY	DRYDOCK STRAIT WEIGHT - TONS	No. of MASTS
	0	Clincher	Iron	Schooner	L.R.		2
DATES	Order		Keel Lay	Launch 6 Jul 1859		Delivery 21 Jul 1859	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x INCHES				STROKE FT.		PROPULSION MODE Screw.	
N.H.P. 30	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary	TYPE:			Working : main Pressure : auxiliary p.s.i.	
Dimensions DxL ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet			Furnaces : ^{total} no		: dia ft	inches : length ft	inches
Boiler Tubes : Diameter inches : length ft			inches		Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1		<input checked="" type="checkbox"/> RH LH : Dia ft : pitch	ft : No. of blades		built : solid	: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters : - inches							
Electric Generators : No. - : K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft : Cb -		Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Canal Navigation in Russia.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S PLANTAGENET.		SHIP No	61		DELIVERY YEAR	1859	
Scott & Co Carrsdyke	General Cargo	SHIP OWNER	Alfred Holt Liverpool		ENGINE No	62				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	202.4	27.2	16.4	16.0		694.6	472.4			
SAIL CAPACITY	C ₀	CONSTRUCTION	MATERIAL & P		REGISTERED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner			—	2	
DATES	Order		Keel Lay		26 Oct 1858	Launch 7 Apr 1859		Delivery 13 May 1859		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Miss Dunlop of Craigton.					
MACHINERY										
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical.					
CYLINDER DIAMETERS - 2 x					INCHES	STROKE		FT.	PROPULSION MODE Screws	
N.H.P. 70	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers : main		: auxiliary		TYPE :			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume				cubic feet	Furnaces : total no		: dia ft	inches : length ft	inches	
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel : Coal	Draught : Forced <input checked="" type="checkbox"/> Natural <input type="checkbox"/>		
Propeller(s) : No. 1		<input checked="" type="checkbox"/> RH LH : Dia	ft : pitch	ft : No. of blades		built : solid		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-										inches
Electric Generators : No. — : — K.W. each : Voltage —										
TRIAL INFORMATION										
Displacement		Tons : Draught		ft : Cb -	: Speed -		Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum	inches Hg			
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade : West Indies .										
Sold 1864 to the West Indies & Pacific S.S. Co.										
Lost near Brest 14 th September 1869										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. CITY OF NEWCASTLE.			SHIP No 62	DELIVERY YEAR		
Scott & Co. Carlsdyke	Passenger Vessel.	SHIP OWNER	Hunter River New Strm. Nav. Co. Adelaide.			ENGINE No -	1859		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	192.5	23.3	11.6	-		393.3	247.8	-	-
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of MASTS	
	0	Clincher	Iron.		Barque	-	-	3	
DATES	Order			Kel Lay	Launch 19 May 1859		Delivery 2 May 1859		
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER M ^c Nab. Greenock					TYPE Steam Simple Oscillating.				
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE Paddles.		
N.H.P. 150	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main : auxiliary			TYPE:			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet				Furnaces: ^{total} no : dia ft		inches : length ft		inches	
Boiler Tubes : Diameter inches : length ft				inches		Fuel-Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Electric Generators : No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Express passenger vessel used on the main line trade									
between Sydney and the Hunter River.									
Sept 12, 1878. - Ran ashore & wrecked near Nobbys, Newcastle. N.S.W.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. REBECCA.			SHIP No 64	DELIVERY YEAR
Scott & Co Carradyke	General Cargo	SHIP OWNER	Benjamin Simons Glasgow.			ENGINE No 63	1859
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	136.2	19.1	10.4			202.8	137.9
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
	0.	Clincher	Iron	Schooner	L.R.	-	2
DATES	Order			Keel Lay	Launch 11 June 1859		Delivery 20 June 1859
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam simple vertical.			
CYLINDER DIAMETERS - 2 x 20 INCHES				STROKE 1.5 FT.	PROPULSION MODE Screw		
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.	
Dimensions D x L			ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume			cubic feet	Furnaces : ^{total} no	: dia ft	inches : length ft	inches
Boiler Tubes : Diameter			inches : length ft	inches	Fuel Coal	Draught : <input checked="" type="checkbox"/> Natural / <input type="checkbox"/> Forced	
Propeller(s) : No. 1		<input checked="" type="checkbox"/> RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-							inches
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -	: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 6132.				Net Profit			
CAREER							
Initial Trade: Clyde - Mediterranean - Fruit.							
May 1864 - Sold to W.H. Davies, Liverpool							
June 1864 - Aug 1896 - with Carnarvon & Merionethshire S.S.Co. Re-engined (comp) 1886.							
March 1904 - sold to John S. Gardiner, Liverpool.							
April 1904 - " " Vte. le Gualvez de Mezauvran, St. Brieuc, France. Renamed Le Gouet.							
November 1907 - Wrecked Chauve Rocks, Isle d'Oleron on voyage from Morlaix to Bordeaux with oats.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. WILLIAM BURNLEY.				SHIP No 65	DELIVERY YEAR
Scott & Co Gairdsdyke	General Cargo	SHIP OWNER	Mungo Campbell & Wm. Burnley Glasgow				ENGINE No 65	1859
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	162.2	17.1	6.7			150.8	55.8	-
SALE CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	REGISTERED TIRON WEIGHT - TONS	No. of MASTS
0		Clincher	Iron		Barque	-	-	3
DATES	Order		Keel Laid 26 Oct 1858		Launch 8 Jun 1859		Delivery 9 Jul 1859	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Oscillating			
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Paddles	
N.H.P. 70	L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Cyl. Pump Capacity L.P. Cylinder Volume
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		inches: length ft inches
Boiler Tubes: Diameter inches: length ft				: inches		Fuel: Coal		Draught: Natural Forced
Paddle Wheels: Diameter ft. inches.				Floats: No.		: L x B		ft.
Feathering: .								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Ch -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Trinidad.								
Broken up - Trinidad: 1873-4.								

SHIP BUILDER.	SHIP TYPE	SHIP'S NAME	ALBATROSS				SHIP No	DELIVERY YEAR	
Scott & Sons Westburn	Sailing Ship.	SHIP OWNER	Alex Weir. Ayr				ENGINE No	1859	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	83.5	18.75	10.0					—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood		Schooner	L.R.	—	2	
DATES	Order			Keel Lay	Launch 1 Sept 1859		Delivery 27 Sept 1859		
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Built for Irish coastal trade.									
Ex. L.R. - 1869.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HENGIST. (original name) 'Castor'				SHIP No	DELIVERY YEAR	
Scott & Co Cavtadyke	Sailing Vessel.	SHIP OWNER	Rathbone Bros. Liverpool.				ENGINE No	1860.	
TECHNICAL INFORMATION									
DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	28.8	34.1	21.6				1092	—	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
—	—	Clincher	Iron		Ship	L.R.	—	3	
DATES	Order 21 Jun 1859			Keel Lay	Launch 28 Feb 1860		Delivery 16 Mar 1860		
Passengers Carried					Launch Sponsor Miss M. Sinclair Scott. of Garvel Park.				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Stranded 10 th May 1894 when owned by the Magellan Straits									
Frozen Meat Co. London.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. ELETTRICO.		SHIP No	67		DELIVERY YEAR
Scott & Co Carrisdyke	Mail & Cargo	SHIP OWNER	J & V. Florio. Palermo		ENGINE No	67		1859
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	26.4	28.1	13.3	-		577.7	363.9	-
SALE CAPACITY	G	CONSTRUCTION	MATERIAL	PAF	BOGIED	CLASSIFICATION SOCIETY	PROVISED (RON) YEARS	No. of Masts
-	0	Clincher	Iron		Schooner	-	-	2
DATES	Order		Keel Lay		Launch 16 Sept 1859		Delivery 28 Oct 1859	
Passengers Carried	1st Cl 70 2nd Cl 60 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Oscillating			
CYLINDER DIAMETERS 2 x 1					INCHES	STROKE	FT.	PROPULSION MODE Paddles
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
Total Grate Area			Sq. Ft.					
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter			inches : length ft		inches		Fuel: Coal Draught: Natural <input checked="" type="checkbox"/> Forced	
Electric Generators: No. : K.W. each: Voltage:								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		: Speed - 12 $\frac{1}{2}$ Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade: Between Sicily and Mediterranean ports.								
(Genoa to Palermo, Naples, around Sicily to Tunis)								
1881 - Transferred to Navigazione Italiana.								
17 Sept 1885 - Stranded near Asinara (Sardinia) and became a total loss.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CLYDE.		SHIP No	74	DELIVERY YEAR		
Scott & Co. Carlsdyke	Ferry.	SHIP OWNER	Spanish Admiralty.		ENGINE No	78			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	79.6	18.0	6.6			65.6	41.4		
SALE CAPACITY (tons)	G _d	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner				2
DATES	Order			Keel Lay	Launch 25 Apr 1860		Delivery 26 May 1860		
Passengers Carried	1st Cl 50 2nd Cl 100 3rd Cl				Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Oscillating				
CYLINDER DIAMETERS 2 x 44 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.	
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area	
Steam Space Volume				cubic feet	Furnaces: total no		: dia	ft	inches: length
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No.		RH LH: Dia	ft: pitch	ft: No. of blades		built: solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: inches									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb	: Speed		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Used on the Guadalquivir River as a tug/ferry.									
Vessel had two bows & two steering gears.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ALDINGA.		SHIP No	71	DELIVERY YEAR	1860.
Scott & Co Cairnsdyke	Cargo Passenger	SHIP OWNER	McMickan & Blackwood. Adelaide. NSW.		ENGINE No	76		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	202.6	24.6	13.4			423.4	367.9	
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P	ROGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT TONS	No. of Masts	
-	0	Clincher	Iron	Barque	-	-	3	
DATES	Order		Keel Lay		Launch 21 Apr 1860		Delivery 24 May 1860	
Passengers Carried	1st Cl 200 2nd Cl - 3rd Cl -				Launch Sponsor Miss McEwan. d. of J. McEwan.			
MACHINERY late of Melbourne.								
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Oscillating.			
CYLINDER DIAMETERS 2 x 44 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screws	
N.H.P. 180	L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main : auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq Ft		Total Grate Area Sq Ft		
Steam Space Volume cubic feet				Furnaces: ^{total} no : dia ft inches : length ft inches				
Boiler Tubes: Diameter inches : length ft				inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.		RH LH: Dia	ft: pitch	ft: No. of blades		built: solid : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		: Speed - 14 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Melbourne - New Zealand.								
<p>On one occasion Capt McLean forced her in five consecutive days with close reefed sails against a gale & heavy seas at a rate of 175 miles per day. One would have thought that she was striking a rock at every jump but she never opened a seam or butt.</p> <p>Such a severe test affords ample proof of the excellence of the work of the builders!</p> <p style="text-align: right;">Greenock Advertiser 16 June 1862</p> <p>Wrecked on Bellambi Reef. N.S.W. Australia. 22 January 1896.</p>								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	(original name) Reflex.	SHIP No	DELIVERY YEAR
Scott & Co Cavendish	Sailing Vessel	SHIP OWNER	<u>HORSA</u>	<u>69</u>	<u>1860</u>
			<u>Rathbone Bros.</u>	<u>—</u>	
			<u>Liverpool.</u>		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	220-0	34-2	21-7				1092	—	—
SAIL CAPACITY SQR FTH	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	IRON WEIGHT - TONS	No. of Masts	
—	—	Clincher	Iron		Ship	L.R.	—	3	
DATES	Order 21 June 1859			Keel Lay		Launch 3 July 1860	Delivery 20 Jul. 1860		
Passengers Carried						Launch Sponsor Mrs. Bogart.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

4th April 1893 - Wrecked on the Scillies (St. Martins)

when owned by the Ship Horra Co. Liverpool.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Sodder & Sons Westburn	Sailing Vessel.	SHIP OWNER	<u>EUPHEMIA</u>	<u>—</u>
			<u>Mr. Morrison.</u>	<u>1860</u>
			<u>Glasgow.</u>	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	79.1	17.9	9.3			-	120	-	-
SALE CAPACITY CUBIC FEET	G	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	-		Wood	Schooner	L.R.	-	2		
DATES	Order			Keel Lay 14 Apr 1860	Launch 17 Sept 1860	Delivery 24 Sept 1860			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built for Mediterranean Trade.

1881 - Ex. L.R.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. COUNT BACKOCCHI.			SHIP No	76		DELIVERY YEAR
Scott & Co Cardbyke	Mail Steamer	SHIP OWNER	Valery Frères et Fils Marseille.			ENGINE No	80		1860
TECHNICAL INFORMATION									
DIMENSIONS FEET	L.	B	D.	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	191.8	23.8	15.0			496.4	373.4		
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		DRYDOCK - J. R. M. - TONN.	No. of Masts
	0	Clincher	Iron		Schooner	-			3
DATES	Order 31 Mar 1860			Kel Lay	Launch 12 Oct 1860			Delivery 20 Dec 1860	
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw		
N.H.P. 120	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main : auxiliary			TYPE:			Working Pressure: main auxiliary p.s.i.			
Dimensions D x L ft				Total Heating Surface Sq Ft		Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet				Furnaces: total no : dia ft		inches : length ft inches			
Boiler Tubes : Diameter inches : length ft				inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH LH : Dia ft : pitch ft				No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 14000.					Net Profit				
CAREER									
Initial Trade: Mediterranean Coastal.									
Transferred in 1883 to Cie Insulaire de Navigation.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TALISMAN		SHIP No 75	DELIVERY YEAR			
Scott & Co Cartedyke	General Cargo	SHIP OWNER	Alfred Holt. Liverpool		ENGINE No 79	1860			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	212.6	28.1	16.9			738.4	580.6		
SALE CAPACITY Gross Tons	G	CONSTRUCTION	MATERIAL	FAP	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner			2	
DATES	Order		Keel Laid		Launch 3 Nov. 1860		Delivery 1 Dec. 1860		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Simple Vertical					
CYLINDER DIAMETERS - 2 x				INCHES	STROKE	FT.	PROPULSION MODE	Screw	
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers : main		: auxiliary		TYPE :		Working Pressure : main		: auxiliary p.s.i.	
Dimensions D x L				ft	Total Heating Surface	Sq Ft	Total Grate Area	Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces : total	no	: dia	ft	
Boiler Tubes : Diameter				inches	: length	ft	Fuel : Coal	: Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1				✓ RH LH : Dia	ft : pitch	ft : No. of blades	built : solid	: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-								inches	
Electric Generators : No. - : -								K.W. each : Voltage -	
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Co -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg			
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade : West Indies.									
1864 - Sold to the West Indies & Pacific S.S. Co.									
1865 - " " Lampart & Holt.									
21 st January 1873 - Foundered north west of Burlings, Portugal.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ROJ JEROME				SHIP No 77	DELIVERY YEAR	
Scott & Co Cardiff	Mail Steamer	SHIP OWNER	Valery Frères et Fils Marseille				ENGINE No 81	1861	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	192.2	25.8	15.0			497.8	375.8	-	-
SALE CAPACITY TONS	C _B	CONSTRUCTION	MATERIAL & P		ROGEE	CLASSIFICATION SOCIETY	BYWARD (IRON) WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	-	-	3	
DATES	Order 31 Mar 1860			Kel- Lay	Launch 8 Dec 1860		Delivery 14 Jan 1861		
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor -			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE - 2.5 FT.		PROPULSION MODE - Screw		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq Ft			Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces : ^{total} no : dia ft : length ft : inches					
Boiler Tubes : Diameter inches : length ft				inches		Fuel Coal		Draught : ^{Natural} Forced	
Propeller(s) : No. 1		^{RH} LH : Dia ft : pitch		ft : No. of blades		^{built} : solid		: material	
Shafting : Crankshaft, Intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. :									K.W. each : Voltage
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : C _B -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 14000.					Net Profit				
CAREER									
Initial Trade: Mediterranean Coastal.									
Sold to Morelli in 1881 and became Comte Joseph Valery in 1885.									
Wrecked on 5 th January 1892 near Bastia, having grounded									
after springing a leak.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LOPE DE VEGA.				SHIP No 80	DELIVERY YEAR
Scott & Co Cartsdyke	General Cargo	SHIP OWNER	Charles Cunningham Scott. Greenock				ENGINE No 84	1861
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	220.0	26.6	18.3			739.0	599.6	
RAIL CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of MASTS
	0	Clincher	Iron.		Schooner	-		3
DATES	Order			Keel Lay	Launch 22 Apr 1861		Delivery 13 Jun 1861	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor		
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Vertical			
CYLINDER DIAMETERS - 23 46 INCHES					STROKE 2.0 FT.	PROPULSION MODE Screw		
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume			cubic feet	Furnaces: ^{total} no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter			inches: length ft	inches	Fuel: Coal	Draught: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Forced		
Propeller(s): No. 1			<input checked="" type="checkbox"/> RH LH: Dia ft: pitch	ft: No. of blades		built : solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft. : Cb -	: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade:								
Sold to Signor Serapis Lorenzo, Gijon, Spain.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MEMNON.				SHIP No 78	DELIVERY YEAR	
Scott & Co. Cartsdryke	General Cargo	SHIP OWNER	W. Rathbone. (Lampert & Holt) Liverpool				ENGINE No 82	1861	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	253.6	32.6	23.0			1209.7	927.2		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STEEL WEIGHT - TONS	No. of Masts	
	0.	Clincher	Iron		Schooner	-	-	2	
DATES	Order			Keel Lay		Launch 1 May 1861		Delivery 13 Jun 1861	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 46 INCHES					STROKE 3.33 FT.		PROPULSION MODE Screw		
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area	
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia	ft	inches : length
Boiler Tubes : Diameter				inches	: length	ft	inches	Fuel : Coal	Draught : <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Forced
Propeller(s) : No.		<input checked="" type="checkbox"/> RH <input type="checkbox"/> LH : Dia	ft : pitch	ft : No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade :									
1883 - Transferred from Lampert & Holt to Alfred Holt.									
October 1893 - to East India Ocean S.S. Co									
1899 - Scrapped.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ITALIA.		SHIP No	72	DELIVERY YEAR
Scott & Co. Cartsdyke	General Cargo	SHIP OWNER	London & Mediterranean Stm. Nw Co. London		ENGINE No	—	1861
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	239.7	28.1	16.2			682.9	552.32
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	NO. OF MASTS
	0	Clincher	Iron		Schooner	L.R.	3
DATES	Order 20 Jan 1860		Keel Lay	28 Feb 1860	Launch 20 Sept 1860		Delivery 26 June 1861
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER Victoria Dock Engine Works.				TYPE Steam Compound Expansion. Vertical.			
CYLINDER DIAMETERS - 26 51 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		CONDENSER COOLING SURFACE		SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary	TYPE:		Working Pressure: main 75 p.s.i.		
Dimensions D x L		ft	Total Heating Surface		Sq. Ft.	Total Grate Area	
Steam Space Volume		cubic feet	Furnaces: total no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter		: inches: length ft	inches		Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1		✓ RH LH: Dia ft: pitch	ft: No. of blades		built: solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:— inches							
Electric Generators: No. — : — K.W. each: Voltage —							
TRIAL INFORMATION							
Displacement		Tons: Draught	ft: Cb —		: Speed —		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 19225.				Net Profit			
CAREER							
Initial Trade:							
1885 - Owned by E. Zenoglio, Genoa, renamed 'Alba'.							
later called Argentinian.							
1890 - Condemned.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PRINCE NAPOLEON.				SHIP No 83	DELIVERY YEAR	
Scott & Co Carrisdyle	Mail Steamer	SHIP OWNER	Valery Frères et Fils Marseille.				ENGINE No 87	1861	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	190.8	25.6	1 0			494.3	372.4	-	-
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts	
-	0.	Clincher	Iron		Schooner	-	-	3	
DATES	Order			Kael Lay	Launch 18 July 1861		Delivery 5 Sept. 1861		
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor -			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area		Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: ^{total} no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter				inches: length ft	inches	Fuel Coal	Draught: ^{Natural} Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 1 ^{RH} LH: Dia				ft: pitch	ft: No. of blades		built : solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Mediterranean Coastal.									
1877 - Two cylinder engine converted to 4 cylinder compound.									
1881 - Entered service with C.G.T. as 'Insulaire' (Islander)									
1888 - Sold to I. Massousieh - Constantinople - renamed 'Bingazi'.									
1912 - 1920 - At Istanbul - owned by Administration of Sea Transport									
1920 - Broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PRINCESS CLOTHILDE			SHIP No 87	DELIVERY YEAR		
Scott & Co Carrisdyle	Mail Steamer	SHIP OWNER	Valery Frères et Fils Marseille.			ENGINE No 95	1861		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	190.8	25.6	14.8			343.5	248.02	-	-
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	SHOULDER WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	-	-	2	
DATES	Order			Kel Lay	Launch 18 Nov 1861		Delivery 10 Jan 1862		
Passenger Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Miss Muhlenbeck.					
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 2.5 FT.	PROPULSION MODE Screw			
N.H.P. 100	I.H.P. DESIGN RPM			DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume				cubic feet	Furnaces: ^{total} no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel	Draught: ^{Natural} Forced	
Propeller(s): No.		RH LH: Dia	ft: pitch	ft: No. of blades		built : solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches	
Electric Generators: No.				:	K.W. each: Voltage				
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum	inches Hg			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Mediterranean Coastal.									
Broken up Marseille 1875.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. TERRA				SHIP No 37	DELIVERY YEAR	
Scott & Co Cartsdyke	General Cargo	SHIP OWNER	Thomas Mason. Memel.				ENGINE No 32	1856	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	132.7	15.2	7.0			94.74	67.56	-	-
SALE CAPACITY GROSS TONS	Cb	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	-		-	2
DATES	Order			Keel Laid		Launch 25 Apr 1856		Delivery 6 May 1856	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor Miss Tasker.			
MACHINERY									
SUPPLIER Scott Sinclair & Co					TYPE Steam Simple Steeple.				
CYLINDER DIAMETERS - 2 x				INCHES	STROKE		FT.	PROPULSION MODE Paddles.	
N.H.P. 38	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Forced	
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Memel - Tilsit on the River Diemen.									
Sold to foreigners 26 th May 1856 at Memel.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ACTIF.		SHIP No	79		DELIVERY YEAR
Scott & Co Cartsdyke	Naval sloop.	SHIP OWNER	French Minister of Marine, Paris.		ENGINE No	83		1861
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	139.9	22.3	12.2			214.98	114.26	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STRIP WEIGHT - TONS	No. of Masts
-	0	Clincher	Iron		Schooner	-	-	2
DATES	Order -		Keel Lay -		Launch 4 Jul 1861		Delivery 1 Oct 1861	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co. Rowan design.					TYPE Steam Compound Expansion Vert			
CYLINDER DIAMETERS - 2 x - INCHES					STROKE 2.0 FT.		PROPULSION MODE Screw.	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 2 : auxiliary -		TYPE:			Working Pressure: main : auxiliary p.s.i.			
Dimensions D x L ft			Total Heating Surface 3740 Sq Ft			Total Grate Area - Sq. Ft.		
Steam Space Volume cubic feet			Furnaces: ^{total} no 4 : dia ft inches : length ft inches					
Boiler Tubes : Diameter inches : length ft inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No.		RH LH : Dia ft : pitch	ft : No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators : No.		: K.W. each : Voltage						
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade :								
Converted to tug - 1892.								
Scrapped 1921.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. FRANCOIS MARIE		SHIP No 84	DELIVERY YEAR			
Scott & Co Cavendish	Mail Steamer	SHIP OWNER	Valery Frères et Fils Marseille.		ENGINE No 93	1861			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	144.4	20.4	15.0			224.7	165.9		
RAIL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		BYWIND STEAM TWIN	No. of Masts
	0	Clincher	Iron		Schooner	-			2
DATES	Order		Keel Lay		Launch 5 Sept 1861		Delivery 22 Oct 1861		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical				
CYLINDER DIAMETERS - 2 x 30 INCHES					STROKE 2.17 FT.		PROPULSION MODE Screw		
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces: total no			: dia ft inches : length ft inches		
Boiler Tubes: Diameter inches : length ft				inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1				RH LH: Dia ft : pitch		ft : No. of blades		built : solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: inches									
Electric Generators: No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Mediterranean Coastal									
Sold to Movelli 1881 and took the colours of the Cie Insubrienne de Navigation. in 1883.									
Resold 1892 to Castaldi of Marseille and in 1897 to L. Rimbaud also of Marseille.									
Damaged by grounding: condemned & broken up 1898.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ASKALON.				SHIP No 82	DELIVERY YEAR
Scott & Co Cavendish	General Cargo.	SHIP OWNER	Alfred Holt. Liverpool.				ENGINE No 85	1861.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	228.2	30.2	18.75			875.4	631.5	
SALE CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of MASTS
—	0.	Clincher	Iron		Schooner	—	—	2
DATES	Order		Keel Laid		Launch 7 Oct 1861		Delivery 19 Nov 1861	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Miss Murray - W. Stewart St. Greenock			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x INCHES					STROKE	FT.	PROPULSION MODE Screw.	
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces: total	no	: dia	ft inches : length ft inches
Boiler Tubes: Diameter				inches : length	ft	inches	Fuel : Coal	Draught: Natural Forced
Propeller(s): No.		RH LH: Dia	ft : pitch	ft : No. of blades		built : solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No.				:	K.W. each: Voltage			
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.:	Cb -		Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.:		Vacuum inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: West Indies.								
1864: Sold to the West India & Pacific Steamship Co.								
January 15 1865: Abandoned & lost in hurricane.								
Crew & passengers saved.								
10 feet of water in holds & pumps useless.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PRINCE PIERRE BONAPARTE.		SHIP No	86		DELIVERY YEAR
Scott & Co Cardiff	Mail Steamer	SHIP OWNER	Valery Frères et Fils Marseille.		ENGINE No	94		1861
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	171.9	23.6	11.0			341.4	245.0	-
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0	clinchier	Iron		Schooner	-	-	2
DATES	Order		Keel Lay		Launch 19 Oct 1861		Delivery 21 Dec 1861	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		Miss Kent.	
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 2.5 FT.		PROPULSION MODE - Screw	
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main	: auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft : length ft : inches	
Boiler Tubes: Diameter			inches: length ft		inches		Fuel Coal Draught: Natural Forced	
Propeller(s): No. 1			RH LH: Dia ft: pitch		ft: No. of blades		built: solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade: Mediterranean Coastal.								
Lost 7 th Feb. 1869 in collision with 'La Touche Treville.'								
12 persons lost.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	TAMERLANE.		SHIP No	81	DELIVERY YEAR		
Scott & Co. C D	Sailing Vessel	SHIP OWNER	J.W. & D.S. Stewart R. Miller G. Caldwell Greenock		ENGINE No	—	1861		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	196.4	32.1	18.6				764 o.m.	—	—
SALE CAPACITY	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Clincher	Iron		Ship.	L.R.		—	3
DATES	Order			Keel Lay	Launch 8 Aug 1861		Delivery 7 sept 1861		
Passengers Carried					Launch Sponsor Mrs. Margaret Stewart.				
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER.									
Built for China trade.									
fitted with five engines fore and aft.									
1874 - Aground, Alceste Reef, Gaspar Straits.									
SHIP BUILDER	SHIP TYPE	SHIP'S NAME	Harbour Service LIGHTERS (3) - in Otago N.Z.		SHIP No	103-4-5	DELIVERY YEAR		
Scott & Co C D		SHIP OWNER	P. Henderson. Glasgow.		ENGINE No	119-120-121	1863.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
								—	—
SALE CAPACITY	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
—	—	Clincher	Iron.		Sloop	—		—	—
DATES	Order			Keel Lay	Launch 23 Nov 1863		Delivery 23 Nov 1863		
Passengers Carried					Launch Sponsor				
CONTRACT OUTCOME									
Invoice Price 103 (140T) £ 3300. 104-5 (15T) £ 850 Net Profit									
CAREER.									
Shipped to Otago per 'Resolute' 23 Nov 1863.									
Lighters were paddle propelled with Greenock Foundry engines.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. EVENEMENT		SHIP No 89	DELIVERY YEAR				
Scott & Co CD	Mail Steamer	SHIP OWNER	Valery Frères et Fils - Marseille.		ENGINE No 97	1862				
TECHNICAL INFORMATION										
DMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	171.8	23.6	12.9			333.8	239.7			
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		BYWIND STEAM WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	-			2	
DATES	Order		Keel Lay		Launch 3 Mar 1862		Delivery 3 Apr 1862			
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor					
MACHINERY										
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Vertical					
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw			
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$					
No of Boilers: main : auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.					
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
Steam Space Volume			cubic feet		Furnaces: ^{total} no		: dia ft		inches: length ft	inches
Boiler Tubes: Diameter			inches: length ft		inches		Fuel: Coal		Draught: Forced	
Propeller(s): No.		RH LH: Dia	ft: pitch		ft: No. of blades		built : solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches										
Electric Generators: No. : K.W. each: Voltage										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots		
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade: Marseille - Genoa										
Shipwrecked on 21 Jan. 1893 on Iles Lavezzi, Les Bauches de										
Bonifacio, approaching Bastia.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PERSEVERANT.			SHIP No 88	DELIVERY YEAR	
Scott & Co - C D	Mail Steamer.	SHIP OWNER	Valery Frères et Fils Marseille.			ENGINE No 98	1862	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	171.8	23.6	12.9			334.7	241.2	
RAIL CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
	0.	Clincher	Iron		Schooner			2
DATES	Order		Keel Lay		Launch 17 Mar 1862		Delivery 17 Apr 1862	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER					TYPE			
CYLINDER DIAMETERS - 2 x 42 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw.	
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary	TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions DxL			ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume			cubic feet	Furnaces : total no	: dia ft	inches : length ft inches		
Boiler Tubes : Diameter			inches : length ft	inches	Fuel : Coal	Natural Draught : Forced		
Propeller(s) : No.		RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators : No.				K.W. each : Voltage				
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade : Marseille - Genoa .								
Transferred to Cie. Insulaire de Navigation - 1883.								
Broken up April 1886								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CRUSADER.				SHIP No	85		DELIVERY YEAR
Scott & Co C D.	Cargo Liner	SHIP OWNER	Alfred Holt. Liverpool				ENGINE No	99		1862
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	231.3	30.9	18.7			901.2	724.7	-	-	
SALE CAPACITY Gross Tons	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts		
-	0	Clincher	Iron		Schooner	-	-	2		
DATES	Order			Keel Laid		Launch 17 Apr 1862		Delivery 2 Jun 1862		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -				
MACHINERY										
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical					
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw			
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		8 1/2 KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft		Total Heating Surface		Sq Ft		Total Grate Area
Steam Space Volume				cubic feet		Furnaces: total no		: dia ft		inches : length ft
Boiler Tubes : Diameter				inches : length		ft		inches		Fuel : Coal
Propeller(s) : No. 1				✓ RH LH : Dia		ft : pitch		ft : No. of blades		built : solid : material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-										inches
Electric Generators : No. :										K.W. each : Voltage
TRIAL INFORMATION										
Displacement		Tons : Draught		ft : Cb -		: Speed - 8 1/2 Knots				
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade: West Indies.										
27 th March 1864 - sold to the West Indies and Pacific S.S. Co.										
c 1871 - lost off Cartagena (Colombia)										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CAMPODOGLIO		SHIP No	93	DELIVERY YEAR		
Scott & Co CD	Mail Boat	SHIP OWNER	J.&V. Florio Palermo		ENGINE No	105	1862		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	205.3	26.6	15.6			604.5	454.4		
SALE CAPACITY Gross Tons	G ₀	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts		
	0	Clincher	Iron	Schooner	-		2		
DATES	Order 30 Mar 1862		Keel Lay	Launch 29 Aug 1862		Delivery 28 Oct 1862			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Miss Ovington: d. of G.F. Co director					
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vertical	
CYLINDER DIAMETERS - 27½ 55 INCHES				STROKE 2.5 FT.		PROPULSION MODE		Screw	
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary	TYPE:		Working : main Pressure : auxiliary			p.s.i.	
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area	Sq. Ft.	
Steam Space Volume			cubic feet	Furnaces: ^{total} no		: dia	ft	inches : length	ft
Boiler Tubes : Diameter			inches : length	ft	inches	Fuel Coal	Draught : ^{Natural} Forced		
Propeller(s) : No. 1		^{RH} LH : Dia	ft : pitch	ft : No. of blades		^{built} : solid	: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-								inches	
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade: Italian Mail Service.									
Genoa to Palermo to Naples, around Sicily & Palermo to Tunis.									
1881 : transferred to Navigazione Generale Italiana.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ETNA.		SHIP No	94	DELIVERY YEAR
Scott & Co CD	Mail Boat	SHIP OWNER	J.&V. Florio Palermo		ENGINE No	106	1862
TECHNICAL INFORMATION							
DDIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	205.6	26.6	15.7			605	455
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Clincher	Iron	Brig.	-		2
DATES	Order 30 Mar. 1862		Kael Lay	Launch 13 Oct 1862		Delivery 13 Dec 1862	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Vertical			
CYLINDER DIAMETERS - 27½ 55 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary	TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.
Steam Space Volume			cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches
Boiler Tubes: Diameter			inches: length ft	inches	Fuel Coal	Draught: Natural Forced	
Propeller(s): No. 1		✓ RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-							inches
Electric Generators: No. - : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement		Tons: Draught	ft: Cb -	: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum	inches Hg		
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Italian Mail Service.							
Genoa to Palermo to Naples, around Sicily & Palermo to Tunis.							
1881: transferred to Navigazione Generale Italiana							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PALERMO		SHIP No 95	DELIVERY YEAR			
Scott & Co. CO	Mail Boat	SHIP OWNER	J.&V. Florio Palermo		ENGINE No 107	1863			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	192.9	25.7	15.0			517.7	383.7	-	-
SALE CAPACITY Gross Tons	G _D	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED WEIGHT - TONS	No. of MASS
	0	Clincher	Iron		Schooner	-			2
DATES	Order 30 Mar 1862		Keel Lay		Launch 11 Dec 1862		Delivery 18 Feb 1863		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vertical				
CYLINDER DIAMETERS - 27½ 55 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw		
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft		Total Heating Surface		Sq. Ft.	
Steam Space Volume				cubic feet		Furnaces: total no		: dia ft : length ft : inches	
Boiler Tubes: Diameter				inches: length ft		inches		Fuel Coal Draught: Natural/Forced	
Propeller(s): No.		✓ RH LH: Dia		ft: pitch		ft: No. of blades		built : solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators: No. : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed - Knots			
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Italian Mail Service									
Genoa to Palermo to Naples, around Sicily & Palermo to Tunis.									
Left Florio before 1881									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. VARTRY.			SHIP No	99		DELIVERY YEAR	1863	
Scott & Co CD	General Cargo.	SHIP OWNER	Robt. Henderson.			ENGINE No	114		Glasgow		
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	176.0	26.1	15.0			509.6	395.8	-	-		
SALE CAPACITY CUBIC FEET	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYE-OLD STEAM WEIGHT - TONS	No. of Masts			
-	0	Clincher	Iron.		Schooner	-	-	3			
DATES	Order		Keel Laid		Launch 30 Apr. 1863		Delivery 18 May 1863				
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Miss Margaret Law.						
MACHINERY											
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical						
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw.				
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED			KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$						
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.				
Dimensions D x L ft				Total Heating Surface Sq Ft			Total Grate Area Sq. Ft.				
Steam Space Volume cubic feet				Furnaces: ^{total} no		: dia ft		inches: length ft		inches	
Boiler Tubes: Diameter inches: length ft				inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1		<input checked="" type="checkbox"/> RH LH: Dia ft: pitch		ft: No. of blades		built : solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-										inches	
Electric Generators: No.		:		K.W. each		Voltage					
TRIAL INFORMATION											
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME											
Invoice Price				Net Profit							
CAREER											
Initial Trade: First charter to take large pipes from Glasgow to Kingston, Ireland											
for Dublin City new water supply (from Vartry!)											
1864 Sold to Hutcheson & Brown.											
Sept. 1864 . . . ship's agents, Dublin.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MILANO.			SHIP No	96		DELIVERY YEAR	
Scott & Co CD	Mail Boat	SHIP OWNER	J.&V. Florio			ENGINE No	108		1863	
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	192.7	25.0	15.0			517.8	383.7			
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		BYWIND STEEL WEIGHT - TONS	No. of Masts	
	0.	Clincher	Iron		Schooner	-			2	
DATES	Order 30 Mar 1862			Kael Lay	Launch 4 Feb 1863		Delivery 4 Apr 1863			
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor				
MACHINERY										
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion					Vertical
CYLINDER DIAMETERS - 27½ 55 INCHES					STROKE 2.5 FT.		PROPULSION MODE			Screw
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED			KNOTS		CONDENSER COOLING SURFACE		SQ. FT.
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary			p.s.i.
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area		Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia	ft	inches: length	ft inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal		Draught: ^{Natural} Forced	
Propeller(s): No.		<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades		built : solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - inches										
Electric Generators: No. - : - K.W. each: Voltage -										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots		
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade: Italian Mail Service.										
Genoa to Palermo to Naples, around Sicily & Palermo to Tunis.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. CONSTANCE				SHIP No 102	DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	Duncan Macgregor				ENGINE No 118	1864	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	201.4	20.15	9.4			254.8	163.2		
SALE CAPACITY GROSS TONS	G _D	CONSTRUCTION	MATERIAL & P		BOGIED	CLASSIFICATION SOCIETY	SHOULDER STUDS WEIGHT - TONS	No. of Masts	
-	0.	Clincher	Iron.		Schooner	L.R.		2	
DATES	Order			Kel Lay	Launch 28 Dec 1863		Delivery 15 Feb 1864		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical Oscillating				
CYLINDER DIAMETERS - 2 x 40 INCHES					STROKE 3.75 FT.		PROPULSION MODE Paddles		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:			Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area	
Steam Space Volume				cubic feet	Furnaces: total no		: dia	ft	inches: length
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 14250					Net Profit				
CAREER									
Initial Trade:									
Built initially on Spec.									
October 6, 1864 - Ran aground off Long Island, South Carolina, while trying to enter Charleston Harbour.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ALBION.			SHIP No	100	DELIVERY YEAR
Scott & Co. CD		SHIP OWNER	Jas. Galbraith, Glasgow.			ENGINE No	115	1864
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	218.3	27.2	15.45			667.9	452.8	-
SALE CAPACITY (Gross Tons)	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYE-OLD STEEL WEIGHT - TONS	No. of Masts
	0.	Clincher	Iron.		Brig	B.o.T		2
DATES	Order 15 Sept 1863			Kael Lay	Launch 24 Dec 1863		Delivery 17 Feb 1864.	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -		Two Funnels.	
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical			
CYLINDER DIAMETERS - 2 x 44 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area
							Sq. Ft.	
Steam Space Volume				cubic feet	Furnaces: ^{total} no		: dia ft	inches: length ft inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.		RH LH: Dia	ft: pitch	ft: No. of blades		built: solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-								inches
Electric Generators: No.				:	K.W. each: Voltage			
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: New Zealand passenger traffic.								
Later owners: 1864-7: Otago Steam Ship Co. Dunedin: 1867-8: Cargills & McLean								
1868: McKinnon & Hoyt. 1868-71: Hoyt, New York.								
1871-8: McKechan, Blackwood: 1883-7: Ellis & Mitchell, Sydney.								
1888: Ellis, Sydney, 1889: renamed - Centennial.								
23 August 1889: Foundered following collision with collier Kanahooka								
inside Sydney Harbour heads.								
First Union Steamship Co. of N.Z. steamer to make the trip to Melbourne. (bet 1871-8)								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. WASHINGTON.		SHIP No 90	DELIVERY YEAR			
Scott & Co CD	Passenger Liner	SHIP OWNER	Compagnie Générale Transatlantique Paris		ENGINE No 100	1864			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	346.6	44.1	29.0						
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts		
	0	Clincher	Iron.	Brig	L.R.	-	2		
DATES	Order 24 Oct. 1861		Kel Lay 15 Feb 1862	Launch 17 Jun 1863		Delivery 16 Apr 1864			
Passenger Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mine Guede.					
400 MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Simple Side Lever.					
CYLINDER DIAMETERS - 2 x 94½ INCHES				STROKE 8.67 FT.	PROPULSION MODE Paddles.				
N.H.P. 800	I.H.P. DESIGN RPM		DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE - SQ. FT.				
EXPANSION RATIO -	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ -						
No of Boilers: main 4	: auxiliary		TYPE: Box Return Tube		Working : main Pressure : auxiliary p.s.i.				
Dimensions 14.0h x 12.0w x 22.0l ft		Total Heating Surface -		Sq. Ft.	Total Grate Area - Sq. Ft.				
Steam Space Volume - cubic feet		Furnaces: ^{low} no 24 : dia - ft. inches : length - ft. inches							
Boiler Tubes : Diameter inches : length - ft.		inches		Fuel Coal	Draught: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Forced				
Paddle Wheels - 38 ft. 0 ins diameter.									
Electric Generators : No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		Speed - 12 Knots +			
I.H.P.	R.P.M.	Steam Pressure at Engine -		p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price		Net Profit							
CAREER									
Initial Trade: Transatlantic.									
1868 - converted to twin screw propulsion.									
1873 - re-engined.									
1899 - sold to shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. IVANHOE.				SHIP No	DELIVERY YEAR
Scott & Co CD	Blockade Runner	SHIP OWNER	William Boyle. London.				ENGINE No 125	1864
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	201.4	20.15	9.5			266	174	-
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INDICATED H.P.	No. of Masts
-	0.	Clincher	Iron		Schooner		-	3
DATES	Order Jan 1864		Keel Lay 19 Jan 1864		Launch 25 Mar 1864		Delivery 10 May 1864	
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor		
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam simple Oscillating			
CYLINDER DIAMETERS - 2 x 40 INCHES					STROKE	3.75 FT.	PROPULSION MODE Paddles	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		12 KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main	: auxiliary		TYPE:			Working Pressure: main : auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface		Sq Ft	Total Grate Area Sq Ft	
Steam Space Volume			cubic feet	Furnaces: ^{total} no		: dia ft	inches: length ft	inches
Boiler Tubes: Diameter			inches: length	ft	inches	Fuel: Coal	Draught: ^{Natural} Forced <input checked="" type="checkbox"/>	
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -	: Speed - 13½ KNOTS			
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price £ 15.500				Net Profit				
CAREER								
Initial Trade: Running blockade of Southern U.S. ports during the Civil War.								
Lost on maiden voyage 3 July 1864								
Chased ashore at Fort Morgan on journey Havana to Mobile.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. RED GAUNTLET.		SHIP No	DELIVERY YEAR	
Scott & Co. CD	Blockade Runner	SHIP OWNER	William Boyle London.		ENGINE No	1864	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	20-4	20-15	9-5			266	174
DISPLACEMENT	Deadweight						
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Clincher	Iron	Schooner	-	-	3
DATES	Order	Jan 1864	Keel	1864	Launch	13 Apr 1864	Delivery
							31 May 1864
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Greenock Foundry Co.			TYPE Steam Simple Oscillating			
CYLINDER DIAMETERS -	2 x 40 INCHES			STROKE	3.75 FT.		
PROPULSION MODE	Paddles						
N.H.P. 120	I.H.P. DESIGN RPM	DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO			Air Pump Capacity L.P. Cylinder Volume		RATIO	
No of Boilers: main	:	auxiliary	TYPE:		Working main Pressure auxiliary p.s.i.		
Dimensions D x L	ft		Total Heating Surface		Sq. Ft.		Total Grate Area
							Sq. Ft.
Steam Space Volume	cubic feet		Furnaces: total	no	dia	ft	inches
Boiler Tubes: Diameter	inches		length	ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Paddle Wheels: Diameter	ft		inches	Floats: No.	L x B		ft.
Feathering:							
Electric Generators: No.	:	K.W. each: Voltage					
TRIAL INFORMATION							
Displacement	Tons		Draught	ft	Cb	Speed - 13 1/2 KNOTS	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.	Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price	£ 16,000			Net Profit			
CAREER							
Initial Trade	Running blockade of U.S. Southern ports during the Civil War.						
Trapped at Mobile at the fall of the harbour forts, she							
was used as a transport before fleeing to Gainesville							
on the evacuation of Mobile. She was captured at							
Gainesville, Alabama on December 29, 1864.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD	Sailing Vessel.	Wm. Orr. Captain W. Guthrie . Greenock	<u>98</u> ENGINE No —	<u>1864.</u>

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	209.2	33.2	21.35				997.37	—	—
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	Clincher	Iron	Ship	L.R.	—	3		
DATES	Order 3 Oct 1863			Keel Lay —	Launch 10 Feb 1864	Delivery 20 Feb 1864			
Passengers Carried					Launch Sponsor Miss Orr. daughter of owner.				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

Built originally for East India trade.

Later owned by Trinder Anderson.

1897 - bought by Stefano Rozeto Antonio - Genoa.

1903 - renamed Annunziata.

1909 - condemned and scrapped.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co	Sailing Vessel	H.T. Wilson. Liverpool	<u>97</u> ENGINE No —	<u>1864.</u>

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	222.6	36.3	25.0				1422.49	—	—
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Clincher	Iron.		Ship	L.R.	—	3	
DATES	Order			Keel Lay		Launch 22 Jun 1864		Delivery 15 Jul 1864	
Passengers Carried						Launch Sponsor Mrs. Sam. Cearn's.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

For most of her working life the Sam Cearn's was owned by Lancaster Shipowners Co. (J. Chambers & Co. Liverpool)

Mainly engaged on Far East & Australia and was lost on passage

Liverpool - San Fran. isco on 26 June 1871 being wrecked on Tierra del Fuego.

4 days after rescuing the crew of ship Knight Errant in 56°S, 65°30'W.

Capt. Scobie of 'Knight Errant' & 7 men of Sam Cearn's drowned

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. ELSIE.		SHIP No	109	DELIVERY YEAR
Scott & Co CD	Blockade Runner	SHIP OWNER	Duncan Macgregor [Master] [Maxinev] London		ENGINE No	127	1864
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	20.4	20.15	9.5			266	174
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Clincher	Iron	Schooner		-	3
DATES	Order	Jan. 1864	Keel Laid	10 Feb 1864	Launch	28 Apr 1864	Delivery
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Simple Oscillating.			
CYLINDER DIAMETERS - 2 x 40 INCHES				STROKE 3.75 FT.		PROPULSION MODE Paddles	
N.H.P. 120	L.H.P. DESIGN RPM		DESIGN SPEED 12 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers : main		: auxiliary		TYPE :		Working Pressure : main auxiliary p.s.i.	
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.	
Steam Space Volume cubic feet				Furnaces : total no : dia ft inches : length ft inches			
Boiler Tubes : Diameter inches : length ft				Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels : Diameter ft. inches.				Floats : No. : L x B ft.			
Feathering :							
Electric Generators : No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -		: Speed - 13 1/2 Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade : Running blockade of Southern U.S. ports during the Civil War.							
5 th Sept 1864 : captured south east of Cape Fear while coming out of Wilmington.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. LAFAYETTE				SHIP No	DELIVERY YEAR	
Scott & Co CD	Passenger Liner	SHIP OWNER	Paris Compagnie Générale Transatlantique				ENGINE No 101	1864	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	346.6	44.1	28.5			3071	2039	5000	-
BALE CAPACITY (CUBIC FEET)	C _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Brig	L.R.	-	2	
DATES	Order 24 Oct 1861		Keel Lay 20 Feb 1862	Launch 15 Oct 1863		Delivery 9 July 1864			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor		Mrs. C.H. Dunlop.			
400. MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Side Lever.				
CYLINDER DIAMETERS - 2 x 94 1/2 INCHES					STROKE 8.67 FT.		PROPULSION MODE Paddles		
N.H.P. 800	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume =		RATIO		S.W. Circ Pump Capacity L.P. Cylinder Volume =		
No of Boilers: main 4	: auxiliary -		TYPE: Box Return Tube			Working Pressure: main auxiliary		p.s.i.	
Dimensions D x L 14'0" x 12'0" x 22'0" ft			Total Heating Surface			Sq. Ft.	Total Grate Area		Sq. Ft.
Steam Space Volume			cubic feet	Furnaces: total no 24		dia ft	inches	length ft	inches
Boiler Tubes: Diameter			inches	length ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: Diameter 38 ft. 0 inches.			Floats: No.		: L x B		ft.		
Feathering: <input checked="" type="checkbox"/>									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons		Draught ft.		Cb -		Speed - Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.		Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Transatlantic.									
1868 - converted to twin screw propulsion.									
1873 - re-engined.									
1906 - sold to shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. TALISMAN		SHIP No	110		DELIVERY YEAR
Scott & Co. CD	Blockade Runner	SHIP OWNER	William Boyle. London		ENGINE No	128		1864
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	201.4	20.15	9.5			266	174	-
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner	-	-	3
DATES	Order	Jan 1864		Keel Lay	1864	Launch	22 Jun 1864	
						Delivery	6 Aug 1864	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor	-		
MACHINERY								
SUPPLIER	Greenock Foundry Co				TYPE	Steam Simple Oscillating		
CYLINDER DIAMETERS -	2 x 40 INCHES				STROKE	3.75 FT.		
					PROPULSION MODE	Paddles		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main	: auxiliary		TYPE:		Working Pressure: main		: auxiliary p.s.i.	
Dimensions D x L	ft		Total Heating Surface		Sq. Ft.		Total Grate Area	
Steam Space Volume	cubic feet		Furnaces: total no		: dia ft		: length ft	
Boiler Tubes: Diameter	inches: length ft		inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels: Diameter	ft. inches.		Floats: No.		: L x B		ft.	
Feathering: -								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement	Tons: Draught		ft.: Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price	£ 16000.				Net Profit			
CAREER								
Initial Trade: - Running blockade of U.S. Southern ports during the Civil War.								
18 th December 1864. - Hit wreck of 'Raleigh' while trying to escape out of New Inlet. Returned to Wilmington for repairs but was caught in a gale after escaping from Wilmington and was sunk on December 29, 1864.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LEONE.				SHIP No	DELIVERY YEAR	
Scott & Co CD	Mail Boat	SHIP OWNER	J & V. Florio, Palermo.				ENGINE No	1864	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	26.4	26.7	15.6			641.5	495.3		
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Brig				2
DATES	Order 25 Jul 1863			Kel Lay	Launch 25 May 1864		Delivery 28 Aug 1864		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Spalding, Jamaica				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Vertical Oscillating				
CYLINDER DIAMETERS - 2 x INCHES					STROKE FT.		PROPULSION MODE Screw.		
N.H.P. 150	I.H.P. DESIGN RPM			DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.			
Steam Space Volume cubic feet				Furnaces: ^{total} no		: dia ft		: length ft inches	
Boiler Tubes: Diameter inches				: length ft		: inches		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1		✓ RH LH: Dia ft		: pitch ft		: No. of blades		built : solid	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators: No. - : -									K.W. each: Voltage -
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Italian Mail Service.									
Genoa, Palermo, Naples, around Sicily & Palermo to Tunis.									
1881 - Transferred to Navigazione Generale Italiana.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. BRUCE - (shipped out in sections on Resolute)		SHIP No	DELIVERY YEAR					
Scott & Co CD	General Cargo	SHIP OWNER	Mary Greer, et al. Dunedin NZ.		ENGINE No	1864					
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	131.4	16.3	6.9			98	83	—	—		
SALES CAPACITY (GROSS TONS)	G _b	CONSTRUCTION	MATERIAL & P		RIEGED	CLASSIFICATION SOCIETY		BYEOLD STEEL (GROSS TONS)	No. of Masts		
	0	Clincher	Iron					—	one		
DATES	Order		Kael Lay		Launch 5 July 1864		Delivery				
Passenger Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor						
MACHINERY											
SUPPLIER					TYPE						
CYLINDER DIAMETERS -				INCHES	STROKE	FT.	PROPULSION MODE - Paddles				
N.H.P. 45	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.				
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq Ft	Total Grate Area Sq. Ft.			
Steam Space Volume				cubic feet	Furnaces: total no		: dia	ft	inches: length	ft	inches
Boiler Tubes: Diameter				inches: length	ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced			
Electric Generators: No. — : — K.W. each: Voltage —											
TRIAL INFORMATION											
Displacement		Tons: Draught		ft: Cb	: Speed		Knots				
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.:	Vacuum		inches Hg				
CONTRACT OUTCOME											
Invoice Price					Net Profit						
CAREER											
Initial Trade: Dunedin - Otago harbour trades.											
1869: owned by Houghton & Harper.											
9 July 1869: Wrecked South Beach, Grey River, New Zealand.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. MARMION.				SHIP No 111	DELIVERY YEAR	
Scott & Co. CD	Blockade Runner	SHIP OWNER	John R. Young. Surrey				ENGINE No 129	1864	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	201.4	20.15	9.5			266	174	-	-
SALE CAPACITY TONS PER DAY	C _D	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYRONOLD STEAM WEIGHT - TONS	No. of Masts	
-	0.	Clincher	Iron		Schooner		-	2	
DATES	Order Jan 1864			Kel Lay	1864	Launch 22 Jul 1864	Delivery 31 Aug 1864		
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor Mrs. Campbell, wife of Capt. Campbell Andpatrick.			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam simple Oscillating.				
CYLINDER DIAMETERS - 2 x 40 INCHES					STROKE	3.75 FT.	PROPULSION MODE Paddles		
N.H.P. 120	I.H.P. DESIGN RPM			DESIGN SPEED	12 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main	: auxiliary			TYPE:		Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq Ft.	
Steam Space Volume				cubic feet	Furnaces: ^{total} no	: dia	ft	inches	length ft inches
Boiler Tubes: Diameter				inches	length	ft	inches	Fuel: Coal	Draught: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Forced
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		: Speed - 13½ Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Running blockade of U.S. southern ports during the Civil War.									
Tried to reach Wilmington in early December 1864 but forced back due to bad weather. Survived the war.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. KENILWORTH.		SHIP No 112.	DELIVERY YEAR			
Scott & Co CD	Blockade Runner	SHIP OWNER	John R Young. Surrey		ENGINE No 130	1864			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	20-4	20-15	9-5			266	174		
SALE CAPACITY GROSS TONS	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0	Clincher	Iron		Schooner				2
DATES	Order Jan 1864		Keel Laid 1864		Launch 22 Aug 1864		Delivery 23 Sept 1864		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Simple Oscillating				
CYLINDER DIAMETERS - 2 x 40 INCHES					STROKE 3-75 FT.		PROPULSION MODE Paddles		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		12 KNOTS		CONDENSEK COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume =		S.W. Circ Pump Capacity L.P. Cylinder Volume =			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure		main auxiliary p.s.i.	
Dimensions D x L				ft		Total Heating Surface		Sq. Ft.	
Total Grate Area				Sq. Ft.					
Steam Space Volume				cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
Boiler Tubes: Diameter				inches : length ft		inches		Fuel Coal Draught: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Forced	
Paddle Wheels: Diameter				ft. inches.		Floats: No.		: L x B ft.	
Feathering:									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Running blockade of U.S. southern ports during the Civil War.									
Forced back to Nassau by bad weather in her only attempt to run the blockade.									
Survived the war.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. EUROPE.		SHIP No	92		DELIVERY YEAR	
Scott & Co. CD	Passenger Linier.	SHIP OWNER	Compagnie Générale Transatlantique - Paris		ENGINE No	102		1865	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	
	346.4	44.1	28.2			3071	2039	5000	
SALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Brig	L.R.	-	2	
DATES	Order 24 Oct 1861		Keel Lay 17 Jun 1862		Launch 22 Jul 1864		Delivery 1 Apr 1865		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		Mrs. Favquar. Wife of C.O. HMS. LION.		
400 MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Simple Side Lever.				
CYLINDER DIAMETERS - 2 x 94 1/2 INCHES					STROKE 8.67 FT.		PROPULSION MODE Paddles		
N.H.P. 800	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S W Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 4		auxiliary		TYPE: Box Return Tube			Working Pressure main auxiliary p.s.i.		
Dimensions D x L 14.06 x 12.06 x 22.06 ft				Total Heating Surface		Sq. Ft.		Total Grate Area Sq. Ft.	
Steam Space Volume - cubic feet				Furnaces: total no 24		dia ft		inches: length ft inches	
Boiler Tubes: Diameter - inches: length - ft				inches		Fuel Coal		Draught: Natural Forced	
Paddle Wheels: Diameter 38 ft. 0 inches.				Floats: No.		L x B		ft.	
Feathering:									
Electric Generators: No.				K.W. each: Voltage					
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade: Transatlantia.									
1873: lengthened & converted to twin screw propulsion.									
1874: lost by shipwreck.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MONGOLIA.		SHIP No	106		DELIVERY YEAR
Scott & Co CD	Passenger Liner.	SHIP OWNER	Peninsular & Oriental S.N.Co. London.		ENGINE No	123		1865
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	319.4	40.2	33.0	22.0		2798.6	1946.9	-
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts
-	0.	Clincher	Iron.		Barque	-	-	3
DATES	Order Jan 1864		Keel 20 Jan 1865		Launch 1 Mar 1865		Delivery 23 Aug 1865	
Passenger Capacity	1st Cl - 130 - 2nd Cl 41 3rd Cl -				Launch Sponsor Mrs. John Scott.			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Oscillating Geared.			
CYLINDER DIAMETERS - 2 x 74 INCHES					STROKE 5.5 FT.		PROPULSION MODE Screw	
N.H.P. 500	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq Ft		Total Grate Area Sq. Ft		
Steam Space Volume cubic feet				Furnaces: total no : dia ft inches : length ft inches				
Boiler Tubes: Diameter inches : length ft				Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>		
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 17.0 ft : pitch ft				No. of blades 4		built: solid : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-								inches
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 3700 Tons		Draught 18.63 ft		Cb -		Speed - 12.31 Knots		
I.H.P 1705 R.P.M.		Steam Pressure at Engine 23 p.s.i.		Vacuum 24 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 58,000.				Net Profit				
CAREER								
Initial Trade: Far East passenger service.								
1878 - Venice - Bombay service.								
1888 - Scrapped Bombay.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. S. AMERICAN.			SHIP No 113	DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	West Indies & Pacific S.S. Co. Liverpool			ENGINE No 131	1865
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	274.9	34.05	22.3			1831.4	1286.3
SALE CAPACITY GROSS TON	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
	0	Clincher	Iron				No. of Masts
DATES	Order	Keel Lay		Launch 9 May 1865		Delivery 5 Sept 1865	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. C.C. Scott.			
MACHINERY							
SUPPLIER Forrester. Liverpool				TYPE Steam compound Expansion 4 Cyl. Vertical			
CYLINDER DIAMETERS - 2 (21 42) INCHES				STROKE 3.83 FT.		PROPULSION MODE Screw	
N.H.P. 200	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface	Sq. Ft	Total Grate Area Sq. Ft	
Steam Space Volume			cubic feet	Furnaces: ^{total} no	: dia ft	inches: length ft	inches
Boiler Tubes: Diameter			inches: length ft	inches	Fuel: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No.		RH LH: Dia	— ft: pitch	ft: No. of blades	built : solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:—							inches
Electric Generators: No.		:	K.W. each: Voltage				
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb —	: Speed —		Knobs
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum	inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: West Indies.							
Broken up April 1892.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CALIFORNIAN.			SHIP No 114	DELIVERY YEAR		
Scott & Co CD	General Cargo	SHIP OWNER	West Indies & Pacific S.S. Co. Liverpool.			ENGINE No 132	1865		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	274.9	34.05	22.3			1831.6	1286.6	-	-
BALE CAPACITY cubic feet	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	EMPTY WEIGHT - TONS	No. of Masts		
-	0	Clincher	Iron	Schooner			2		
DATES	Order			Keel Lay	Launch 27 Jun 1865		Delivery 26 Sept 1865		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor -					
MACHINERY									
SUPPLIER Forrester, Liverpool				TYPE Steam Compound Expansion 4 cyl. Vertical.					
CYLINDER DIAMETERS - 2 (21 42) INCHES				STROKE 3.83 FT.		PROPULSION MODE Screw			
N.H.P. 200.	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers : main		: auxiliary	TYPE :			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume			cubic feet	Furnaces : total no	: dia ft	inches : length ft	inches		
Boiler Tubes : Diameter			inches : length	ft	inches	Fuel : Coal	Draught : Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No.		RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-							inches		
Electric Generators : No.		:	K.W. each : Voltage						
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg			
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade: West Indies.									
Vessel totally lost by stranding on N.W. coast of Aruba.									
on 10 th September 1891 whilst on voyage Liverpool/Barbados.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AGAMEMNON		SHIP No	116	DELIVERY YEAR	1865
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	136		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	309.3	38.8	28.4	22.0		2279.5	1672.1	4374
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P	RIOGED	CLASSIFICATION SOCIETY	BYWOLD STEEL WEIGHT - TONS	No. of Masts	
	0.58	Clincher	Iron.	Barque			3	
DATES	Order 30 Jan 1865		Kael Lay	Launch 25 Nov 1865		Delivery 31 Mar 1866		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor		CAG		
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion tandem single crank.				
CYLINDER DIAMETERS - 30 62 INCHES				STROKE 4.33 FT.		PROPULSION MODE Screw.		
N.H.P. 300	DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1375 SQ. FT.	
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = (12" pump)	
No of Boilers: main	2	: auxiliary	TYPE: Locomotive (D.E.)		Working Pressure		main 60 p.s.i. auxiliary -	
Dimensions D x L 14 x 24 ft				Total Heating Surface 4506 Sq. Ft.		Total Grate Area 112 Sq. Ft.		
Steam Space Volume - cubic feet				Furnaces: total no 12 : dia ft inches : length ft inches				
Boiler Tubes: Diameter 4 inches : length ft inches				Fuel: Coal		Draught: Natural Forced		
Propeller(s): No. 1				RH LH: Dia 17.0 ft : pitch 26.5 ft : No. of blades 3		built : solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				13 1/2		inches		
Electric Generators: No.				K.W. each: Voltage				
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		Speed - 10 Knots		
I.H.P.	R.P.M. 46	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 52,000.				Net Profit				
CAREER								
Initial Trade: Inaugurated the Holt steamship line to China, via Cape of Good Hope, first stop Mauritius, a distance of 8500 miles, under steam the whole way, although sails were also fitted.								
Route: Liverpool, Mauritius, Penang, Singapore, Hong Kong & Shanghai, calling at Foochow for tea on return.								
Re-engined 1878 - 1897: transferred to N.S.M.O								
May 1899 - sold to Italians & scrapped.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AJAX		SHIP No 117	DELIVERY YEAR			
Scott & Co CD	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No 137	1866			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	309.3	38.8	28.4	22.0		2278.2	1670.8	4374	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of MASTS
	0.58	Clincher	Iron		Barque				3
DATES	Order 30 Jan 1865		Keel Lay		Launch 7 Feb 1866		Delivery 13 Jun 1866		
Passengers Carried	1st CI	2nd CI	3rd CI		Launch Sponsor Mrs. Middleton, wife of Agamemnon.		Captain		
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Tandem Single Crank					
CYLINDER DIAMETERS - 30 62 INCHES				STROKE 4.33 FT.		PROPULSION MODE Screw			
N.H.P. 300	I.H.P. DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1375 SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$		(12" pump)			
No of Boilers: main 2 : auxiliary		TYPE: Locomotive (D.E.)				Working : main 60 Pressure : auxiliary p.s.i.			
Dimensions D x L 14 x 24 receivers on top ft				Total Heating Surface 4506 Sq. Ft.		Total Grate Area 112 Sq. Ft.			
Steam Space Volume cubic feet				Furnaces: total no 12 : dia ft inches : length ft inches					
Boiler Tubes: Diameter 4 inches : length ft inches				Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{✓RH} LH: Dia 17.0 ft : pitch 26.5 ft : No. of blades 3				built : solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13½ - - inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		: Speed - 10 Knots			
I.H.P.	R.P.M. 46	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 52,000				Net Profit					
CAREER									
Initial Trade: (See Agamemnon.)									
1868 - Ajax sank at her berth in Shanghai.									
The after propeller shaft coupling had been disconnected for repair									
and during the night the propeller & shaft had been drawn out									
by strong currents and the ship flooded through the stern tube.									
She was refloated and the shafting tunnel was made watertight									
which practice was extended to all Holt ships.									
1897 - Ajax transferred to N.S.M.O. 1879 - Re-engined.									
Aug 1898 - Sold to Italians and scrapped at Genoa in 1900.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ACHILLES		SHIP No	118	DELIVERY YEAR	1866
Scott & Co. CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	138		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	309.3	38.8	28.4	22.0		2279.5	1672.1	4374
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P		RIGED	CLASSIFICATION SOCIETY	INVOICED STRG WEIGHT - TONS	No. of Masts
-	0.58	Clincher	Iron		Barque	-	-	3
DATES	Order 30 Jan 1865		Keel Lay		Launch 18 Apr. 1866		Delivery 1 Sept. 1866	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion - tandem single crank				
CYLINDER DIAMETERS - 30 62 INCHES				STROKE 4.33 FT.		PROPULSION MODE Screw		
N.H.P. 300	I.H.P. DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER - COOLING SURFACE 1375 SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 2 : auxiliary -		TYPE: Locomotive (D.E.)			Working Pressure: main 60 : auxiliary - p.s.i.			
Dimensions D x L 14 x 24 receivers on top. ft				Total Heating Surface 4506 Sq. Ft.		Total Grate Area 112 Sq. Ft.		
Steam Space Volume - cubic feet				Furnaces: total no 12 : dia ft inches : length ft inches				
Boiler Tubes: Diameter 4 inches : length ft inches				Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 17.0 ft: pitch 26.5 ft: No. of blades 3				built: solid		material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 13 1/2 - - inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		Speed - 10 - Knots		
I.H.P.	R.P.M. 46	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price £52,000.				Net Profit				
CAREER								
Initial Trade: (See Agamemnon.)								
1876 - Re-engined.								
1897 - Sold to Swedes and scrapped in Italy during 1899.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DENIA.		SHIP No 119	DELIVERY YEAR				
Scott & Co CD	General Cargo	SHIP OWNER	Morris, Munro. & Co. Glasgow		ENGINE No -	1866				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	41-6	20-2	11-8			241	164			
SALE CAPACITY GROSS TON	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED STEEL WEIGHT - TONS	No. of Masts	
	0	Clincher	Iron		Schooner	L.R.			3	
DATES	Order		Keel Laid		Launch 6 Sept 1866		Delivery 8 Oct 1866			
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor					
MACHINERY										
SUPPLIER	Engine, Gourlay, Dundee Boilers, Westgarth				TYPE Steam Compound Expansion Vertical					
CYLINDER DIAMETERS - 21 34 INCHES				STROKE 1-5 FT.		PROPULSION MODE Screw.				
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.			
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$					
No of Boilers: main		: auxiliary		TYPE:		Working : main 45 Pressure : auxiliary p.s.i.				
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches : length ft	inches
Boiler Tubes : Diameter			inches : length ft		inches		Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No.		RH LH : Dia	ft : pitch		ft : No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches										
Electric Generators : No. - : K.W. each : Voltage -										
TRIAL INFORMATION										
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots		
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg -		
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade:										
Originally built on spec. and sold to Morris, Munro. Resold on 9 Oct 1866 to										
London merchants, Cummins, Clarke & Swann.										
The vessel owned by G. Lennard, of Swansea, and later as 'Corporal'										
by G.L. Sweeney, Glasgow. In 1912 owned by J. Edwards & Co. as 'Kempock.'										
Sunk by shell fire, Irish Sea, on 30 th April, 1918.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GALVANIC.		SHIP No	12 121	DELIVERY YEAR		
Scott & Co CD	General Cargo	SHIP OWNER	Belfast Steamship Co. Belfast.		ENGINE No	-	1867		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	210.0	27.0	15.17	12.25		709	350	1155	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	REGISTERED WEIGHT - TONS	No. of Masts	
-	0.58	Clincher	Iron		Schooner	L.R.	-	2	
DATES	Order 6 June 1866		Keel Lay 14 Aug 1866		Launch 10 May 1867		Delivery 14 Jun 1867		
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE				
CYLINDER DIAMETERS - 2 x 49 INCHES					STROKE - 2.75 - FT.		PROPULSION MODE Screw.		
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of	auxiliary		TYPE:			Working Pressure : main auxiliary p.s.i.			
Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		
Steam Space Volume			cubic feet		Furnaces : total no		: dia ft : length ft : inches		
Boiler Tubes : Diameter			inches : length ft		inches		Fuel Coal : Draught : Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No.		RH LH : Dia		ft : pitch		ft : No. of blades		built : solid : material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-								inches	
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade :									
Later (1902) became 'Vicente Salinas' owned by									
Salinas, Schafer of Barcelona.									
1914 - scrapped or lost.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HISPANIA				SHIP No 120	DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	Morris, Munro & Co. Glasgow				ENGINE No 154	1868
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	175.0	22.5	15.13	12.21		413.3	281	845
SALE CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
—	0.61	Clincher	Iron		Schooner	L.R.	—	2
DATES	Order 8 Feb 1868		Keel Lay	1 Mar 1868		Launch 27 Jun 1868	Delivery 21 Jul. 1868.	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor	Miss Brown, Cornuastr. Glasgow		
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vert.			
CYLINDER DIAMETERS - 16 35 INCHES					STROKE 2.0 FT.	PROPULSION MODE Screw.		
N.H.P. 60	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$					
No of Boilers: main		: auxiliary	TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions D x L			ft	Total Heating Surface	Sq. Ft.	Total Grate Area Sq. Ft.		
Steam Space Volume			cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches	
Boiler Tubes: Diameter			inches: length ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1			<input checked="" type="checkbox"/> RH LH: Dia ft: pitch	ft: No. of blades	built : solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:—								inches
Electric Generators: No. — : — K.W. each: Voltage —								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: C _b —	: Speed —		Knots	
I.H.P. 220 R.P.M.		Steam Pressure at Engine		p.s.i.:	Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price £ 8500				Net Profit £ 835.				
CAREER								
Initial Trade: Built for Clyde-Mediterranean trade.								
23 rd February 1869 - Sunk by collision in Bay of Biscay.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD	Sailing Vessel	W. Orr Capt. W. Guthrie et al. Greenock	122	1868

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	23.25	36.0	24.17	19.46		1332	1272	2710	1775
SALE CAPACITY <small>above deck</small>	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.63	Clincher	Iron		Ship	L.R.	—	3	
DATES	Order 17 Jan 1868			Keel Lay 23 Mar 1868	Launch 17 Oct 1868		Delivery 7 Nov 1868		
Passengers Carried					Launch Sponsor Miss A. Orr. d. of owner.				

CONTRACT OUTCOME

Invoice Price /19,976.

Net Profit -£835

CAREER.

Owned later by J. Nourse Line (1884)

29 Nov 1896 - wrecked at Monseviat on voyage Trinidad/Guadeloupe to London with cargo of asphalt & coconuts.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
		SHIP OWNER	ENGINE No	18

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
DATES	Order			Keel Lay		Launch	Delivery		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SOUERAH		SHIP No	123		DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	N. Paquet & Co. - Marseille.		ENGINE No	155		1868
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	195.0	26.0	21.35	17.25		751	521	1547
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0-61	Clincher.	Iron		Schooner	-	-	2
DATES	Order -		Keel Lay -		Launch 30 Oct 1868		Delivery 17 Dec 1868	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 24 + 48 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 110	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main : auxiliary		TYPE:			Working Pressure: main auxiliary p.s.i.			
Dimensions D x L ft			Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet			Furnaces: total no : dia ft inches : length ft inches					
Boiler Tubes: Diameter inches : length ft inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1		✓ RH LH: Dia ft : pitch	ft : No. of blades		built : solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators: No. - : - K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -		: Speed - Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price £12745				Net Profit - £595				
CAREER								
Initial Trade: Marseille - North Africa & beyond.								
Wrecked in Casablanca harbour - 18 January 1881.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SAMPIERO		SHIP No	125	DELIVERY YEAR
Scott & Co CD	General Cargo.	SHIP OWNER	Valery Frères et Fils Marseille.		ENGINE No	157	1869
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	180.0	26.2	16.9	13.75		588	401
							Displacement
							1186
							Deadweight
							694
RAIL CAPACITY	G ₆	CONSTRUCTION	MATERIAL	FAP	ROGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
-	0-641	Clincher	Iron.	Schooner	-	-	-
DATES	Order 28 May 1868		Kael Lay		Launch 28 Dec 1868		Delivery 2 Feb 1869
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl				Launch Sponsor		
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Vert			
CYLINDER DIAMETERS - 24 48 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 120	I.H.P. DESIGN & RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 812 SQ. FT.
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume
No of Boilers: main 2 : auxiliary -	TYPE: Oval		Working Pressure: main 60 : auxiliary p.s.i.				
Dimensions D x L		ft		Total Heating Surface		2350 Sq. Ft.	
Total Grate Area		78 - Sq. Ft.					
Steam Space Volume		cubic feet		Furnaces: total no 4: width 3 ft 3 inches: length 7 ft 0 inches			
Boiler Tubes: Diameter 2 3/4 inches: length 7 ft 0 inches		Fuel Coal		Draught: Natural Forced			
Propeller(s): No. 1		RH LH: Dia 11.0 ft: pitch 14.5 ft: No. of blades -		built: solid		material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - inches							
Electric Generators: No. : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb -		Speed - 10 Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine 60 p.s.i.: Vacuum 26 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 10761				Net Profit £ 1616.			
CAREER							
Initial Trade: Mediterranean Coastal.							
1883 - Transferred to Cie Insulaire de Navigation. (Movelli)							
Jne 1888 - Sold to Caillol & Saint Pierre.							
19 Nov 1905 - Seriously damaged by grounding near Bougie.							
1906 - Irreparable & sold for scrap.							
1906 - Broken up - Algiers.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SEVERIN		SHIP No 124	DELIVERY YEAR			
Scott & Co CD	General Cargo	SHIP OWNER	Valery Frères et Fils, Marseille.		ENGINE No 156	1869			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	180.0	26.2	16.9	13.75		588	401	1186	694
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of MASIS	
-	0.641	Clincher	Iron.		Schooner	-	-	3	
DATES	Order 26 May 1868			Kel Lay	Launch 28 Jan 1869		Delivery 6 Mar 1869		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vert.	
CYLINDER DIAMETERS - 24 48 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw			
N.H.P. 120	I.H.P. DESIGN RPM -		DESIGN SPEED -		KNOTS		CONDENSER COOLING SURFACE 812 SQ. FT.		
EXPANSION RATIO -	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$ -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$ -						
No of Boilers: main 2 : auxiliary -		TYPE: Oval.			Working : main 60 Pressure : auxiliary p.s.i.				
Dimensions D x L -		ft		Total Heating Surface 2350 Sq. Ft.		Total Grate Area 78 Sq. Ft.			
Steam Space Volume -		cubic feet		Furnaces: ^{total} no 4: width 3 ft 3 inches: length 7 ft 0 inches					
Boiler Tubes: Diameter ^{d.d.} 2 $\frac{3}{4}$ inches: length 7 ft 0 inches		Fuel Coal		Draught: ^{Natural} <input checked="" type="checkbox"/> Forced					
Propeller(s): No. 1 ^{✓ RH}		LH: Dia 11.0 ft: pitch 14.5 ft: No. of blades -		built : solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - inches									
Electric Generators: No. : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		: Speed - 10 Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine - 60 p.s.i.:		Vacuum 26 inches Hg					
CONTRACT OUTCOME									
Invoice Price £20341.				Net Profit £1625					
CAREER									
Initial Trade: Mediterranean Coastal.									
1882 - Sold to Bascle of Nantes.									
1899 - Scrapped.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PRESIDENT TROPLONG.		SHIP No	126		DELIVERY YEAR
Scott & Co CD	General Cargo.	SHIP OWNER	Valery Frères et Fils - Marseille.		ENGINE No	158		1869
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	180.0	26.2	16.9	13.75		588	401	1186
Ball Capacity Tons	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		BYEWEIGHT Tons
-	0.641	Clincher	Iron.		Schooner	-		No. of Masts
DATES	Order 26 May 1868		Keel Lay		Launch 3 Mar 1869		Delivery 28 Apr. 1869	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 24 48 INCHES					STROKE - 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 812 SQ. FT.	
EXPANSION RATIO -	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main - 2	auxiliary -		TYPE:			Working : main 60 Pressure : auxiliary - p.s.i.		
Dimensions D x L			ft		Total Heating Surface		2350 Sq. Ft.	
Total Grate Area			78 Sq. Ft.		Steam Space Volume - cubic feet			
Furnaces: total no 4			width 3 ft 3 inches		length 7 ft 0 inches			
Boiler Tubes: Diameter 2 3/4 inches			length 7 ft 0 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1			RH: Dia 11.0 ft		pitch 14.5 ft		No. of blades - built: solid - material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - inches								
Electric Generators: No. : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		Speed - 10 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine - 60 p.s.i.		Vacuum - 26 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 16142					Net Profit £ 1907.			
CAREER								
Initial Trade: Mediterranean Coastal.								
1883 - Transferred to Morelli.								
1890 - Sold to Artaud & Seytres.								
1898 - Resold in Italy & renamed Iniziativa.								
1905 - " " France & renamed 'Ville de Nice' by P. Geyer								
of Marseille. Renamed same year Cosimo under Italian Flag.								
1908 - Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GRAECIA.		SHIP No 127	DELIVERY YEAR			
Scott & Co. CD	General Cargo	SHIP OWNER	Morris, Munro & Co. Glasgow.		ENGINE No 159	1869.			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	175.0	22.5	15.125	12.21		409.8	278.7	845	505
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOLVED STEEL WEIGHT - TONS	No. of Masts
	0-61	Clincher	Iron.		Schooner.	L.R.		-	2
DATES	Order 7 Sept. 1868			Keel Lay	Launch 24 Apr 1869		Delivery 14 May 1869		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 16 35 INCHES					STROKE 2.0 FT.		PROPULSION MODE Screw.		
N.H.P. 60	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L				ft	Total Heating Surface		Sq. Ft.	Total Grate Area	
Steam Space Volume				cubic feet	Furnaces: total no		: dia	ft	inches : length
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel Coal	Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1		<input checked="" type="checkbox"/> RH LH : Dia	ft : pitch	ft : No. of blades		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches									
Electric Generators : No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P. 220 R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 8710					Net Profit £ 588.				
CAREER									
Initial Trade: Carriage of Locomotives.									
Later - named Seybouse.									
1896 - Aspramonte - La Calabria Societa de Navigazione et Vapore.									
1899 - Carmelo Galatido. Reggio.									
1904 " Ganzirri.									
1910 " Bognanco									
1912 - hulked.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. FELIX ARGENTINO.		SHIP No	1302	DELIVERY YEAR	1869
Scott & Co CD	River Steamer	SHIP OWNER	Guisepe Catani Buenos Aires		ENGINE No	161		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	79.75	14.5	6.0	4.83		49.93	31.46	109
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL FAP		RUGED	CLASSIFICATION SOCIETY	BYWOLD STUD 91.1271 - 7041	No. of Masts
	0644	Clincher	Iron		Schooner			3
DATES	Order 8 May 1868		Kael Lay		Launch 1 Jul 1869		Delivery 1869	
Passenger Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion — Diagonal			
CYLINDER DIAMETERS — INCHES					STROKE — FT.		PROPULSION MODE — Paddles	
N.H.P. 30	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE — SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}}$			
No of Boilers : main : auxiliary		TYPE :			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L			ft		Total Heating Surface		Sq Ft	
Total Heating Surface			Sq Ft		Total Grate Area		Sq. Ft.	
Steam Space Volume			cubic feet		Furnaces : total no		: dia ft : inches : length ft : inches	
Boiler Tubes : Diameter			inches : length ft		inches		Fuel Coal : Draught : Natural Forced	
Electric Generators : No. — : — K.W. each : Voltage —								
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb —		: Speed —		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 2150				Net Profit — £ 769.				
CAREER								
Initial Trade : Passenger traffic on the River Plate.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ITALIA		SHIP No	131	DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	Morris, Munro & Co. Glasgow.		ENGINE No	160	1869.
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	175.0	22.5	15.125	12.21		410.1	278.9
							Displacement
							845
							Deadweight
							505
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS -	No. of Masts
-	0.61	Clincher	Iron.	Schooner	L.R.	-	2
DATES	Order	Kel Lay	Launch 10 Jul 1869	Delivery 27 Jul 1869.			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor	Miss Wilson.		
MACHINERY							
SUPPLIER	Greenock Foundry Co.			TYPE	Steam Compound Expansion Vert.		
CYLINDER DIAMETERS -	INCHES			STROKE	FT.	PROPULSION MODE	Screw.
N.H.P. 60	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE	SQ. FT.		
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	: auxiliary -	TYPE:			Working Pressure: main auxiliary p.s.i.		
Dimensions DxL	ft	Total Heating Surface	Sq. Ft.	Total Grate Area	Sq. Ft.		
Steam Space Volume	cubic feet	Furnaces: total no	: dia ft	inches	length ft	inches	
Boiler Tubes: Diameter	inches	length ft	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No.	<input checked="" type="checkbox"/> RH LH: Dia	ft: pitch	ft: No. of blades	built: solid	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement	Tons	Draught	ft.	Cb -	Speed -	Knots	
I.H.P. 220	R.P.M.	Steam Pressure at Engine	p.s.i.	Vacuum	inches Hg		
CONTRACT OUTCOME							
Invoice Price £ 8745				Net Profit £ 775.			
CAREER							
Initial Trade: Carriage of Locomotives.							
1876 - Sold to Belfast Steam Ship Co..							
1882 - " " Lennard of Middlesborough.							
1912 - Broken up.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD	Sailing Vessel	CHRISTIAN McAUSLAND	128	1869.
		SHIP OWNER	ENGINE No	
		Jas. Galbraith. Glasgow	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	195.4	32.5	22.08	17.75		1013.6	962.4	2012	1332
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.63	Clincher		Iron		Ship	L.R.	-	3
DATES	Order Feb. 1869			Keel Lay -		Launch 23 Sept 1869		Delivery 28 Oct 1869	
Passengers Carried						Launch Sponsor Mrs. C. McAusland.			

CONTRACT OUTCOME

Invoice Price £ 14325

Net Profit - £ 1507

CAREER.

Ship was launched using a new procedure and contrivance by which the cutting of a cord frees the dge shores. Hence the lady officiating not only names the ship but launches the ship.
12 July 1877 - wrecked Java Sea on an uncharted reef near the Thousand Isles.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co	Sailing Vessel	JESSIE READMAN.	129	1869.
		SHIP OWNER	ENGINE No	
		Jas. Galbraith. Glasgow	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	195.16	32.5	22.08	17.75		1013.6	962.4	2012	1332
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	0.63	Clincher	Iron	Ship	L.R.	—	3		
DATES	Order	Feb 1869	Keel Lay	Launch	9 Nov 1869	Delivery	10 Dec 1869		
Passengers Carried				Launch Sponsor Miss Knox.					

CONTRACT OUTCOME

Invoice Price £ 14325

Net Profit - £ 1109.

CAREER.

Regular trader to Burma.
Later owned by Shaw, Savill & Albion.
Stranded on Chatham Island, New Zealand 23 Dec. 1893. (in fog).
after leaving Henderson's service.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MINISTRE ABBATUCCI.		SHIP No	133		DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	Valery Frères et Fils. Marseille.		ENGINE No	162		1869
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	180.0	26.2	16.9	13.75		594.2	404.1	1186
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.64	Clincher	Iron		Schooner	-	-	2
DATES	Order 21 June 1869		Keel Lay		Launch 26 Oct 1869		Delivery 29 Dec 1869	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mlle. Marguerite de Greta.			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion - Vert.				
CYLINDER DIAMETERS - 24 48 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 812 SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 2 : auxiliary -		TYPE :			Working Pressure : main auxiliary p.s.i.			
Dimensions DxL ft			Total Heating Surface		2350 Sq. Ft.		Total Grate Area 78.0 Sq. Ft.	
Steam Space Volume cubic feet			Furnaces : total no 4 : dia 3 ft 0 inches : length 7 ft 0 inches					
Boiler Tubes : Diameter 2 1/4 inches : length 7 ft 0 inches			Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 RH <input checked="" type="checkbox"/> LH : Dia 11.0 ft : pitch 14.5 ft : No. of blades 4			built : solid		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches								
Electric Generators : No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -		: Speed - 10 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine		60 p.s.i. : Vacuum		26 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 15000				Net Profit £ 2702				
CAREER								
Initial Trade : built for Suez Canal trade.								
1881 : Sold to Arnaud & Gaudois.								
1886 : " " Caillol & St. Pierre.								
1st Jan 1888 : Lost in the Gulf of Gascony. (1 survivor.)								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PRIAM.		SHIP No	134	DELIVERY YEAR
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steam Ship Co. Liverpool.		ENGINE No	163	1870
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	309.7	34.0	29.08	23.5		2039	1634
							4340
							2881
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
121,478	0.615	Clincher	Iron	Brig.	-	-	2
DATES	Order	2 Aug 1869	Keel Lay	1 Aug 1869	Launch	18 Feb 1870	Delivery
							1 Apr 1870
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor	A German Lady.		
MACHINERY							
SUPPLIER	Greenock Foundry Co.			TYPE	Steam Compound Expansion. Vert. Tandem		
CYLINDER DIAMETERS	27 58 INCHES			STROKE	4.0 FT.		
PROPULSION MODE	Screw						
N.H.P.	200	I.H.P. DESIGN RPM	DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO	RATIO			Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main	:	auxiliary	TYPE		Working Pressure		main auxiliary p.s.i.
Dimensions D x L	ft			Total Heating Surface	Sq. Ft.		Total Grate Area Sq. Ft.
Steam Space Volume	cubic feet			Furnaces: total no	:	dia ft	inches: length ft
Boiler Tubes: Diameter	inches: length ft			:	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.	1	RH <input checked="" type="checkbox"/> LH: Dia	ft: pitch	ft: No. of blades	built: solid	:	material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-							inches
Electric Generators: No.				:	K.W. each: Voltage		
TRIAL INFORMATION							
Displacement:	Tons: Draught		ft.: Cb -		Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price	£ 21967			Net Profit	£ 2389		
CAREER							
Initial Trade: Built for the Far East trade after the opening of the Suez Canal.							
Re-engined in 1881.							
Wrecked on Sisargas Is. near Corunna on 11 th January 1889.							
en route Liverpool - Hong Kong.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HISPANIA		SHIP No	136		DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	Morris Munro & Co. Glasgow		ENGINE No	166		1870
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	178.5	22.5	15.125	12.2		420.5	285.9	872
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	NO. OF Masts
	0.61	Clincher	Iron		Schooner	L.R.	221	2
DATES	Order 21 Dec 1869		Keel Lay		Launch 5 Jul 1870		Delivery 26 Jul 1870	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 17 38 INCHES					STROKE 2.0 FT.		PROPULSION MODE Screw	
N.H.P. 70	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers : main		: auxiliary		TYPE :		Working Pressure : main auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces : total no		: dia ft		inches : length ft inches
Boiler Tubes : Diameter inches : length ft				inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1		RH <input checked="" type="checkbox"/> LH : Dia ft : pitch		ft : No. of blades		built : solid		: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-								inches
Electric Generators : No.				K.W. each : Voltage				
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -		: Speed - Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price £ 9250				Net Profit £ 635				
CAREER								
Initial Trade : Spain								
1902 - Sold to Hispania Steam Ship Co (South Shields owner.)								
August 1902 - Lost by collision.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HACO.		SHIP No	135	DELIVERY YEAR	
Scott & Co. CD	General Cargo	SHIP OWNER	John Scott, Greenock.		ENGINE No	168	1870	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	
	19.5	23.0	12.83			528	359	
DISPLACEMENT	Deadweight		1050					670
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
33613	0.616	Clincher	Iron	Schooner			2	
DATES	Order	Keel Lav	Launch	29 Aug 1870	Delivery	20 Oct 1870		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor				
MACHINERY								
SUPPLIER	Greenock Foundry Co			TYPE	Steam Compound Expansion. Vert.			
CYLINDER DIAMETERS -	12	36	INCHES	STROKE	3.0	FT.	PROPULSION MODE	
					Screw			
N.H.P.	100	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE	750 SQ. FT.		
EXPANSION RATIO	RATIO			S W Circ. Pump Capacity		L.P. Cylinder Volume		
No of Boilers: main	1	: auxiliary	-	TYPE:	Oval.			
Working Pressure	main 65 p.s.i.			auxiliary				
Dimensions	11.25 h x 8.5 w x 10.0 l ft			Total Heating Surface	1210	Sq. Ft.	Total Grate Area	
					51.5			
Steam Space Volume	316 cubic feet			Furnaces: total no	: dia	ft	inches: length	
					ft inches			
Boiler Tubes: Diameter	inches: length			ft	inches	Fuel	Coal	
Propeller(s): No.	1	RH ✓	LH: Dia 11-13 ft: pitch	14.0	ft: No. of blades	4	built: solid	
					: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	7 7/8			7 1/2	7 1/2	inches		
Electric Generators: No.	:	K.W. each	Voltage					
TRIAL INFORMATION								
Displacement	Tons: Draught			ft.: Cb	: Speed	Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum	inches Hg		
CONTRACT OUTCOME								
Invoice Price	£ 11072			Net Profit	£ 318			
CAREER								
Initial Trade:								
1879 - Sold to Le Havre Penins. de Nav et Vapeur - renamed 'Constantin'.								
9 Nov 1910 - Sunk by collision off Cape Sigli on voyage Algiers / Dellys and Bougie with general cargo.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ETNA.			SHIP No 137	DELIVERY YEAR		
Scott & Co. CD	General Cargo	SHIP OWNER	Royal Netherlands Strm. Nav. Co. Amsterdam			ENGINE No 185	1871		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	194.5	23.0	15.9	12.83		528	359	1050	670
BALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL & P	BOGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
33613	0.616	Clincher	Iron	Schooner	- - -		2		
DATES	Order 28 Feb 1871			Keel Lay	Launch 20 Apr. 1871		Delivery 12 May 1871		
Passengers Carried	1st Cl			2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion.				Vert.	
CYLINDER DIAMETERS - 12 36 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw			
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE - 756 SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main 1 : auxiliary -		TYPE: Oval			Working : main 65 Pressure : auxiliary p.s.i.				
Dimensions 11.25 h x 8.5 w x 10.0 l ft			Total Heating Surface		1210 Sq. Ft.		Total Grate Area 51.5 Sq. Ft.		
Steam Space Volume 316 cubic feet			Furnaces : total no		: dia ft		: length ft		
Boiler Tubes : Diameter			: inches		: length ft		: inches		
Propeller(s) : No. 1			RH LH: Dia 11.13 ft: pitch 14.0 ft: No. of blades 4		built : solid		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-							inches		
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 11750				Net Profit - £ 326.					
CAREER									
Initial Trade: Baltic - Mediterranean.									
2nd June 1905 - Sunk after collision with S.S. Tsolve									
near Hirsthals on voyage Stettin - Amsterdam.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. VICTORIA				SHIP No 150	DELIVERY YEAR	
Scott & Co - C.D.	General Cargo.	SHIP OWNER	Spanish Government. Cadiz.				ENGINE No 190	1871	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	155.6	23.0	13.67	11.0		323.5	220	602	295
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
19296	0.53	Clincher	Iron.		Schooner	L.R.	184	2	
DATES	Order			Keel Lay	14 Apr. 1871	Launch	3 Jul 1871	Delivery 1 Aug. 1871	
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor	Mrs. Rodriguez		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vertl.				
CYLINDER DIAMETERS - 20 38 INCHES					STROKE	2.0	FT.	PROPULSION MODE	Screw
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE		SQ. FT.
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume =		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =		
No of Boilers: main	: auxiliary		TYPE:			Working : main Pressure : auxiliary		p.s.i.	
Dimensions D x L				ft	Total Heating Surface	Sq. Ft.	Total Grate Area		Sq. Ft.
Steam Space Volume				cubic feet	Furnaces: total no	: dia	ft	inches : length	ft inches
Boiler Tubes : Diameter				inches : length	ft	inches	Fuel	Draught : Natural Forced	
Propeller(s) : No.		RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No.				:	K.W. each		Voltage		
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 10,000					Net Profit £ 426.				
CAREER									
Initial Trade :- Working between Spain and Islands off the Moroccan coast									
serving penal settlements which had no water.									
Later owned by Luis Duarte.									
" " " Archangel Mourman Strm. Nav. Co. Archangel.									
Renamed Grand Duke Vladimir, later Veliki Kniaz - Vladimir.									
1916 - sunk by explosion at Tonin, Rybatchi Peninsula in the Arctic									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. - HECLA				SHIP No 148	DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	Royal Netherlands Stm. Nav Co. Amsterdam				ENGINE No 188	1871	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	193.75	24.5	15.9	12.75		566.45	438.4	1110	690
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		DRYDOCK STEEL WEIGHT - TONS	No. of Masts
35697	0.672	Clincher	Iron.		Schooner			274	2
DATES	Order 28 Feb 1871			Keel Lay	1871	Launch 1 Sept 1871		Delivery 1 Oct 1871	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion Vert				
CYLINDER DIAMETERS - 21 43 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 120	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 750 SQ. FT.	
EXPANSION RATIO -	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -					
No of Boilers: main 1	: auxiliary -			TYPE: Oval			Working : main 65 Pressure : auxiliary p.s.i.		
Dimensions 14.5h x 8.5w x 10.0l ft				Total Heating Surface		1298 Sq. Ft.		Total Grate Area 43.3 Sq. Ft.	
Steam Space Volume - 316 cubic feet				Furnaces: ^{total} no 2 : dia 3 ft 4 inches : length - ft - inches					
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{RH} LH: Dia 11.13 ft : pitch 14.0 ft : No. of blades 4				built : solid		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 7 $\frac{7}{8}$ 7 $\frac{1}{2}$ 7 $\frac{1}{2}$ inches									
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		: Speed - 9 Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 12080					Net Profit £ 252				
CAREER									
Initial Trade: Baltic - Mediterranean									
Stranded near Lemvig (Jutland) 4 th December 1885									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SIRIUS		SHIP No	14912	DELIVERY YEAR	1871
Scott & Co CD	General Cargo	SHIP OWNER	Royal Netherlands Str. Nav. Co. Amsterdam		ENGINE No	189		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	193.75	24.5	15.9	12.75		565.02	437.29	1110
BALL CAPACITY (cubic feet)	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
35692	0-672	Clincher	Iron		Schooner	-	274	2
DATES	Order 28 Feb 1871		Keel Lay 1871		Launch 29 Sept 1871		Delivery 30 Oct 1871	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 21 43 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw.	
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED			CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 1		: auxiliary -		TYPE: Oval			Working Pressure: main 65 p.s.i. : auxiliary -	
Dimensions: 14.5h x 8.5w x 10.0l ft				Total Heating Surface 1298 Sq. Ft.		Total Grate Area 43.3 Sq. Ft.		
Steam Space Volume 316 cubic feet				Furnaces: total no 2 : dia 3 ft 4 inches : length - ft - inches				
Boiler Tubes: Diameter - inches : length - ft - inches						Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 11.13 ft: pitch 14.0 ft: No. of blades 4 built: solid : material								
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 7 $\frac{7}{8}$ 7 $\frac{1}{2}$ 7 $\frac{1}{2}$ inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		Speed - 9 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i.: Vacuum		inches Hg	
CONTRACT OUTCOME								
Invoice Price £ 12080				Net Profit £ 253.				
CAREER								
Initial Trade: Baltic - Mediterranean								
1905 - sold to Cornelissen . Amsterdam								
1906 - " " G.D. Andreadis - renamed 'Katina'								
1918 - " " Samothakis - 'Persepolis'								
1923 - " " Psomiades, Constantinople - 'Niniveh'								
1930 - Scrapped in Turkey.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CRUSADER.		SHIP No	146		DELIVERY YEAR	
Scott & Co CD	General Cargo.	SHIP OWNER	W. Brown, J. Brown, J.C. Robertson Glasgow.		ENGINE No	186		1871	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	221.0	30.0	19.0	15.33		1023	695	1882	1139
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
66602	0.651	Clincher	Iron	Schooner	L.R.	433	2		
DATES	Order	Keel Lay	Launch 30 Sept 1871		Delivery 18 Nov. 1871				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion					Vert.
CYLINDER DIAMETERS - 23 50 $\frac{1}{2}$ INCHES				STROKE 2.5 FT.		PROPULSION MODE			Screw
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE			SQ. FT.
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers : main		: auxiliary	TYPE :			Working Pressure : main			auxiliary p.s.i.
Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area		Sq. Ft.
Steam Space Volume			cubic feet	Furnaces : total no		: dia ft	inches : length ft	inches	
Boiler Tubes : Diameter			inches : length	ft	inches	Fuel	Natural Draught : Forced		
Propeller(s) : No.		RH LH : Dia	ft : pitch	ft : No. of blades		built : solid	: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -	: Speed -		Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum	inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 18609.				Net Profit £ 283					
CAREER									
Initial Trade : Constantinople									
Later Tsukushi Maru.									
July 1909 - Wrecked									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MIRFIELD				SHIP No 147	DELIVERY YEAR	
Scott & Co. CD	General Cargo	SHIP OWNER	J.B. Crawhall, Glasgow. Sugar Refiner.				ENGINE No 187	1872	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	221.0	30.0	19.0	15.33		1024	696	1882	1139
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of MASTS	
66602	0-651	Clincher	Iron		Schooner	L.R.	433	2	
DATES	Order			Keel Lay		Launch 1 Dec 1871		Delivery 11 Jan 1872	
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 23 50 ¹ / ₂ INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw		
N.H.P. 120	I.H.P. DESIGN RPM			DESIGN SPEED KNOTS			CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main : auxiliary			TYPE:			Working : main Pressure : auxiliary p.s.i.			
Dimensions D x L ft				Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces: ^{total} no : dia ft inches : length ft inches					
Boiler Tubes : Diameter inches : length ft inches				Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No.		RH LH : Dia	ft : pitch		ft : No. of blades		built : solid : material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. :					K.W. each : Voltage				
TRIAL INFORMATION									
Displacement		Tons : Draught		ft : Cb -		: Speed -		Knots	
I.H.P.	R.P.M.	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 18929					Net Profit £ 149.				
CAREER									
Initial Trade: Constantinople									
15 th April 1881 - sold to Booth Line									
1882 - Name changed to Basil.									
1897 - Sold to Empresa Navagaceo Gran Para									
& renamed Salinas									
October 1904 - wrecked at Maranhham.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GOGO.				SHIP No	151		DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	John Scott, Greenock				ENGINE No	191		1872	
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	193.75	24.5	15.9	12.75		566	385	1110	690		
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
35697	0-672	Clincher	Iron		Schooner	L.R.	274	2			
DATES	Order			Keel Lay	17 Jul 1871	Launch	5 Mar 1872	Delivery 20 Apr 1872			
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor					
MACHINERY											
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.						
CYLINDER DIAMETERS - 21 43 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw				
N.H.P. 95	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 750 SQ. FT.			
EXPANSION RATIO		RATIO			Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main 1		: auxiliary -		TYPE: Oval.			Working Pressure: main 65 p.s.i. auxiliary				
Dimensions 14.5h x 8.5w x 10.0l ft				Total Heating Surface			1298 Sq. Ft.		Total Grate Area 43.3 Sq. Ft.		
Steam Space Volume 316 cubic feet				Furnaces: ^{total} no 2 : dia 3 ft 4 inches : length - ft - inches							
Boiler Tubes: Diameter				inches : length		ft		inches		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.		RH LH: Dia	ft : pitch		ft : No. of blades		built : solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-										inches	
Electric Generators: No. : K.W. each: Voltage											
TRIAL INFORMATION											
Displacement		Tons: Draught		ft. : Cb -		: Speed -		Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine				p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME											
Invoice Price £ 12710					Net Profit £ 111						
CAREER											
Initial Trade:											
March 1874 - sold to J.M. MacDonald, Glasgow.											
later owned by Matheson, Glasgow.											
1908 - name changed to Guiseppe.											
1912 - " " Tripoli.											
17 March 1917 - sunk by gunfire from submarine U 64											
off Stromboli Island.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. BASTIA		SHIP No -	139	DELIVERY YEAR	1872
Scott & Co CD	General Cargo	SHIP OWNER	Valery Frères et Fils, Marseille		ENGINE No	174		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	242.9	29.9	16.7	14.0		1226	834	1547
DEADWEIGHT	583							
SALE CAPACITY	G ₆	CONSTRUCTION	MATERIAL F&P		RIJGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
34309	3 rd	Clincher	Iron.		Schooner	-	-	2
DATES	Order Aug 1871		Keel Lay		Launch 24 Apr 1872		Delivery June 1872	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 33 66 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 300	I.H.P. 1100		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1843 SQ. FT.	
EXPANSION RATIO 5.7		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17}$				
No of Boilers: main 4 : auxiliary		TYPE: Oval		Working Pressure: main 90 : auxiliary p.s.i.				
Dimensions 14.5h x 8.5w x 9.5l ft		Total Heating Surface 3967 Sq. Ft.		Total Grate Area 143 Sq. Ft.				
Steam Space Volume 1150 cubic feet		Furnaces: total no 8 : dia 3 ft 3 inches : length 6 ft 0 inches						
Boiler Tubes : Diameter - inches : length - ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s) : No. 1 ^{✓ RH} LH: Dia 15.0 ft : pitch 18.0 ft : No. of blades 4		built solid		material				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-		11 10 ³ / ₄ 11		inches				
Electric Generators : No. - : -		K.W. each : Voltage -						
TRIAL INFORMATION								
Displacement 1495 Tons		Draught 14.0 ft		Cb -		Speed - 13 Knots		
I.H.P. 1094 R.P.M. 75		Steam Pressure at Engine 82 p.s.i.		Vacuum 25 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 246987 for 8 ships (138-145 incl) Net Profit £ 6019 for 8 ships (138-145) incl								
CAREER								
Initial Trade: Mediterranean Coastal.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AJACCIO.		SHIP No	DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	Valéry Frères et Fils. Marseille		ENGINE No	1872	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	242.9	29.9	16.7	14.0		1226	834
							Displacement
							583
BALL CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts
34309	0.61	Clincher	Iron.	Schooner	-	-	2
DATES	Order Aug 1871		Kel Lay	Launch 7 Jun 1872		Delivery Aug. 1872	
Passengers Carried	1st Cl - - 2nd Cl - - 3rd Cl - -		Launch Sponsor		-		
MACHINERY							
SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 33 66 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw	
N.H.P. 300	I.H.P. 1100		DESIGN SPEED		CONDENSER COOLING SURFACE 1843 SQ. FT.		
DESIGN RPM 75		KNOTS					
EXPANSION RATIO	5.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17}$			
No of Boilers: main	4	: auxiliary	TYPE: Oval		Working Pressure: main 90 p.s.i. auxiliary		
Dimensions	14.5h x 8.5w x 9.5l ft		Total Heating Surface		3967 Sq. Ft		
Total Grate Area		143 Sq. Ft					
Steam Space Volume		1150 - cubic feet					
Furnaces: total no		8 : dia 3 ft 3 inches : length 6 ft 0 inches					
Boiler Tubes : Diameter		- inches : length		- ft - inches		Fuel Coal	
Propeller(s) : No. 1		RH LH: Dia 15.0 ft : pitch 18.0 ft : No. of blades 4		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-		11 10 $\frac{3}{4}$ 11 inches					
Electric Generators : No. - - : - -		K.W. each : Voltage - -					
TRIAL INFORMATION							
Displacement		1495 Tons : Draught 14.0 ft : Cb -		: Speed - 13 Knots			
I.H.P. 1094 R.P.M. 75		Steam Pressure at Engine 82 p.s.i. : Vacuum 25 inches Hg					
CONTRACT OUTCOME							
Invoice Price		See ship 139.		Net Profit			
CAREER							
Initial Trade: - Mediterranean - Coastal.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. IMACULÉE CONCEPTION.		SHIP No	142		DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	Valery Frères et Fils. Marseille		ENGINE No	177		1872
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	242.9	29.9	16.7	14.0		1226	834	1547
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		NO. OF MASTS
34309	0.61	Clincher	Iron.		Schooner	-		2
DATES	Order Aug 1871		Keel Lay		Launch 19 Sept 1872		Delivery Nov 1872	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 33 66 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw	
N.H.P. 300	I.H.P. 1100		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1843 SQ. FT.	
EXPANSION RATIO 5.7		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17}$			
No of Boilers: main 4 : auxiliary			TYPE: Oval			Working Pressure: main 90 : auxiliary p.s.i.		
Dimensions 14.5h x 8.5w x 9.5l ft				Total Heating Surface 3967 Sq. Ft.		Total Grate Area 143 Sq. Ft.		
Steam Space Volume 1150 cubic feet				Furnaces: total no 8 : dia 3 ft 3 inches : length 6 ft 0 inches				
Boiler Tubes: Diameter - inches : length - ft - inches						Fuel Coal	Draught: Forced Natural <input checked="" type="checkbox"/>	
Propeller(s): No. 1		RH LH: Dia 15.0 ft : pitch 18.0 ft		No. of blades 4		built: solid : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-						11 10 $\frac{3}{4}$ 11 inches		
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1495 Tons		Draught 14.0 ft		Cb -		Speed - 13. Knots		
I.H.P. 1094		R.P.M. 75		Steam Pressure at Engine 82 p.s.i.		Vacuum 25 inches Hg		
CONTRACT OUTCOME								
Invoice Price See ship 139.				Net Profit				
CAREER								
Initial Trade: Mediterranean Coastal.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MOHAMMED ES SADOCK		SHIP No 143	DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	Valery Frères et Fils. Marseille		ENGINE No 178	1872	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	242.9	29.9	16.7	1 "		1226	834
							Displacement
							1548
							Deadweight
							583
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
34309	0.61	clinchet	iron	Schooner	-	-	2
DATES	Order Aug 1871		Kael Lay		Launch 2 Nov. 1872	Delivery 7 Feb 1873	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 33 66 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw	
N.H.P. 300	I.H.P. 1100 DESIGN RPM		DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO 5.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17}$				
No of Boilers: main 4 : auxiliary -		TYPE: Oval		Working : main 90 Pressure : auxiliary p.s.i.			
Dimensions 14.5h x 8.5w x 9.5l ft		Total Heating Surface 3967 Sq. Ft.		Total Grate Area 143 Sq. Ft.			
Steam Space Volume 1150 cubic feet		Furnaces : total no 8 : dia 3 ft 3 inches : length 6 ft 0 inches					
Boiler Tubes : Diameter - inches : length - ft - inches		Fuel Coal		Natural <input checked="" type="checkbox"/> Draught : Forced			
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH LH : Dia - ft : pitch - ft : No. of blades 4		built : solid -		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches							
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement 1495		Tons : Draught 14.0 ft : Cb -		: Speed - 13 Knots			
I.H.P. 494 R.P.M. 58		Steam Pressure at Engine 78 p.s.i. : Vacuum 25 inches Hg					
CONTRACT OUTCOME							
Invoice Price See ship 139				Net Profit			
CAREER							
Initial Trade: Mediterranean Coastal.							
1881 - Transferred to C.G.T.							
22 Dec 1886 - Lost by grounding leaving Port. Vendres for Algeria. (broke in two).							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MARECHAL CANROBERT		SHIP No	144	DELIVERY YEAR	1873
Scott & Co CD	General Cargo	SHIP OWNER	Valery Frères et Fils. Marseille.		ENGINE No	179		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	242.9	29.9	16.7	13.6		1226	834	1548
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
34309	0-61	Clincher	Iron.		Schooner	-	-	2
DATES	Order Aug. 1871		Keel Lay		Launch 30 Dec 1872		Delivery 8 Apr. 1873	
Passengers Carried	1st Cl - - - 2nd Cl - - 3rd Cl - - -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 33 66 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 300	I.H.P. 100		DESIGN SPEED		13 KNOTS		CONDENSER COOLING SURFACE - SQ. FT.	
EXPANSION RATIO 5.7	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{15}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{17}$	
No of Boilers: main 4 : auxiliary -		TYPE: Oval.		Working Pressure: main 90 : auxiliary - p.s.i.				
Dimensions 14.5h x 8.5w x 9.5l ft		Total Heating Surface 3967 Sq. Ft.		Total Grate Area 143 Sq. Ft.				
Steam Space Volume 1150 cubic feet		Furnaces: total no		: dia - ft		inches: length ft		inches
Boiler Tubes: Diameter - inches: length - ft		- inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1		RH LH: Dia ft: pitch		ft: No. of blades 4		built: solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: -								inches
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 14.95 Tons		Draught 14.0 ft		Cb -		Speed - 13 Knots		
I.H.P. 1094 R.P.M. 75		Steam Pressure at Engine 82 p.s.i.		Vacuum 25 inches Hg				
CONTRACT OUTCOME								
Invoice Price See ship 139.				Net Profit				
CAREER								
Initial Trade: Mediterranean Coastal.								
1881 - Transferred to C.G.T.								
7 th July 1892 - Lost by collision with the 'Hoche'								
Sank in 20 minutes. - 5 lost.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LOU CETTORI		SHIP No 145	DELIVERY YEAR			
Scott & Co. CD	General Cargo	SHIP OWNER	Valery Frères et Fils. Marseille.		ENGINE No 180	1873			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	242.9	29.9	16.7	13.6		1227	834	1548	583
BALL CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts		
34309	0.61	Clincher	Iron	Schooner			2		
DATES	Order Aug. 1871		Keel Laid		Launch 24 Feb 1873		Delivery 31 May 1873		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry				TYPE Steam Compound Expansion.					
CYLINDER DIAMETERS - 33 66 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw			
N.H.P. 300	I.H.P. 1100 DESIGN RPM 74		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1843 SQ. FT.		
EXPANSION RATIO 5.7		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17}$					
No of Boilers: main 4 : auxiliary -		TYPE: Oval		Working : main 90 Pressure : auxiliary p.s.i.					
Dimensions: 14.5h x 8.5w x 9.5l ft		Total Heating Surface 3967 Sq. Ft.		Total Grate Area 143 Sq. Ft.					
Steam Space Volume - 1150 cubic feet		Furnaces: total no 8 : dia 3 ft 3 inches : length 6 ft 0 inches							
Boiler Tubes : Diameter - inches : length - ft - inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced					
Propeller(s) : No. 1 ^{RH} LH : Dia 15.0 ft : pitch 18.0 ft : No. of blades 4		built : solid -		: material					
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-		11 - 10 ³ / ₄ 11 inches							
Electric Generators : No. -		K.W. each : Voltage -							
TRIAL INFORMATION									
Displacement 1495 Tons : Draught 14.0 ft. : Cb -		: Speed - 13 Knots							
I.H.P. 1094 R.P.M. 75		Steam Pressure at Engine 82 p.s.i. : Vacuum - 25 inches Hg							
CONTRACT OUTCOME									
Invoice Price See ship 139.		Net Profit							
CAREER									
Initial Trade: Mediterranean Coastal.									
1881 - Transferred to C.G.T.									
April 1906 - Broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ADA BATTERS.		SHIP No	152	DELIVERY YEAR		
Scott & Co CD	Geneval Cargo.	SHIP OWNER	George Batters. London		ENGINE No	193	1873		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	234.7	26.0	18.34	14.75		845	541.	1765	1107
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
58837	0-69	Clincher	Iron	Schooner	L.R.	374	2		
DATES	Order	Keel Lay	Launch 15 Apr 1873		Delivery 4 Jun 1873				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 23 46 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 98	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 954 SQ. FT.		
EXPANSION RATIO 6.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{25.9}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.0}$						
No of Boilers: main 2 : auxiliary -		TYPE: Oval.			Working Pressure: main 60 : auxiliary p.s.i.				
Dimensions 14.0 h x 8.5 w x 9.0 l ft		Total Heating Surface		1985 Sq. Ft.		Total Grate Area		72 Sq. Ft.	
Steam Space Volume 627 cubic feet		Furnaces: total no 4 : dia 3 ft 3 inches : length 5 ft 6 inches							
Boiler Tubes: Diameter - inches : length - ft - inches		Fuel Coal		Natural <input checked="" type="checkbox"/> Draught: Forced					
Propeller(s): No. 1 RH		LH: Dia 12.0 ft: pitch 15.0 ft: No. of blades 4		built solid		material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		8 7 $\frac{3}{4}$ 8		inches					
Electric Generators: No. - : -		K.W. each: Voltage -							
TRIAL INFORMATION									
Displacement - Tons		Draught - ft		Cb -		Speed -		Knots	
I.H.P. 446 R.P.M. 74		Steam Pressure at Engine 61.5 p.s.i.		Vacuum 21 inches Hg					
CONTRACT OUTCOME									
Invoice Price : £ 19750		Net Profit - £ 763.							
CAREER									
Initial Trade: U.K. - Spain.									
This ship plus her two sister vessels were not in fact purchased by Geo. Batters. Ada Batters was subsequently purchased by A. Tilloy, Dunkerque and renamed Marie. She was later (1886) bought by Cie Générale des bateaux à vap à hél du Nord.									
10 th August 1916 - War Loss - Scuttling Charge placed aboard by UB18.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. THERESA BATTERS ^{later Foochow}	SHIP No 153	DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	George Batters London.	ENGINE No 194	1873

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	234.7	26.0	18.34	14.75		845	541	1765	1107
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
58 837	0.69	Clincher	Iron		Schooner	L.R.	374	2	
DATES	Order -			Keel Lay -		Launch 13 May 1873	Delivery 2 Jul 1873		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 23 46 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw	
N.H.P. 98		I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE 954 SQ. FT.	
EXPANSION RATIO 6.7		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{25.9}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.0}$			
No of Boilers : main 2		: auxiliary -		TYPE: Oval.		Working : main 60 Pressure : auxiliary - p.s.i.	
Dimensions 14.0h x 8.5w x 9.0l ft		Total Heating Surface 1985 Sq. Ft.		Total Grate Area 72 Sq. Ft.			
Steam Space Volume 627 cubic feet		Furnaces : ^{total} no 4 : dia 3 ft 3 inches : length 5 ft 6 inches					
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal		Natural/ Draught : Forced	
Propeller(s) : No. 1		^{RH} LH : Dia 12.0 ft : pitch 15.0 ft : No. of blades 4		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				8 7 ³ / ₄ 8		inches	
Electric Generators : No. - : -				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement	Tons: Draught	ft.: C _b -	: Speed -	Knots
I.H.P. 446	R.P.M. 74	Steam Pressure at Engine 61.5 p.s.i.:	Vacuum 21	inches Hg

CONTRACT OUTCOME

Invoice Price	£ 19750	Net Profit - £ 763.
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CAREER

Initial Trade: U.K. - Spain. (See note re ship 152 on previous page)

James Henry Scott, employed in China by John Swire, made his superior aware that his older brother John Scott IV, shipbuilder had unexpectedly had two ships left on his hands which seemed to meet John Swire's requirements for new tonnage. John Scott IV and John Swire formed a partnership to run the ships which became the Coast Boats Ownery. The ships were renamed Foochow and Swatow. (See following page.)

Foochow was wrecked at Fan Island, Chefoo on voyage Newchwang/Chefoo 9 Aug 1883.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	later Swatow	SHIP No	DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	George Batters. London	154	1873
				ENGINE No	
				196	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	234.7	26.0	18.34	14.75		845	541	1765	1107
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.69	Clincher	Iron		Schooner	L.R.	374	2	
DATES	Order			Keel Lay		Launch 19 Jul 1873		Delivery 7 Sep. 1873	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

MACHINERY

SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion .			
CYLINDER DIAMETERS - 23 46 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw	
N.H.P. 98		I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE 954 SQ. FT.	
EXPANSION RATIO 6.7		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{25.9}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.0}$			
No of Boilers: main 2		: auxiliary -		TYPE:		Working Pressure : main 60 auxiliary - p.s.i.	
Dimensions 14.0h x 8.5w x 9.0 l ft				Total Heating Surface 1985 Sq. Ft.		Total Grate Area 72 Sq. Ft.	
Steam Space Volume 627 cubic feet				Furnaces : ^{total} no 4 : dia 3 ft 3 inches : length 5 ft 6 inches			
Boiler Tubes : Diameter - inches : length - ft - inches						Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1		✓ RH LH: Dia 12.0 ft : pitch 15.0 ft : No. of blades 4		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				8 7 ³ / ₄ 8		inches	
Electric Generators : No. - : -				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement	-	Tons: Draught	-	ft.: Cb	-	: Speed	-	Knots	-
I.H.P. 446	R.P.M. 74	Steam Pressure at Engine 61.5 p.s.i.:		Vacuum 21 inches Hg					

CONTRACT OUTCOME

Invoice Price	£21750	Net Profit	£ 1881
CAREER			
Initial Trade: U.K - Spain			

The repercussions of the purchase of Foochow and Swatow for John Scott & John Swire were remarkable. Their partnership lasted in one form or another for over 100 years and resulted in Scott's building 100 ships for the Swire organisation. Foochow and Swatow were later incorporated in the China Navigation Co. - a Swire company. 'Swatow' struck a rock and sank off Namoa Island on voyage Swatow/Shanghai on 22nd February 1888.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. BENGAL			SHIP No 161	DELIVERY YEAR		
Scott & Co CD	River Steamer	SHIP OWNER	Rivers Steam Nav. Co. London.			ENGINE No 210	1874		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	274.25	35.0	10.5	8.33		-	-	-	1700
SALE CAPACITY Gross Tons	C _B	CONSTRUCTION	MATERIAL & P		RUGED	CLASSIFICATION SOCIETY	WORLD STEAM WEIGHT - TONS	No. of Masts	
-	0	Clincher	Iron		-	-	-	2	
DATES	Order -			Keel Lay -	Launch -		Delivery - 1874		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Diagonal Compound Expansion				
CYLINDER DIAMETERS - 4 - 11.5 8 - 23.0 INCHES					STROKE 5.0 FT.		PROPULSION MODE Paddle		
N.H.P. 300	I.H.P. DESIGN RPM 28		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 4000 SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.26}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.26}$				
No of Boilers: main ? : auxiliary			TYPE: ?			Working : main 110 Pressure : auxiliary p.s.i.			
Dimensions D x L ? ft			Total Heating Surface ? Sq Ft		Total Grate Area ? Sq Ft				
Steam Space Volume ? cubic feet			Furnaces : total no ? : dia ft inches : length ? ft ? inches						
Boiler Tubes : Diameter ? inches : length ? ft ? inches			Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced				
Paddle Wheels : 13.0 mean dia. - 8 floats 8.0 x 2.75 x 2.5 ft.									
Engine Shaft dia. - 9.5 inches.									
Electric Generators : No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed - 10.5 Knots			
I.H.P.	R.P.M. 28	Steam Pressure at Engine			p.s.i. : Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 22500					Net Profit £ 3500.				
CAREER									
Initial Trade: River Steamer in India.									
'Bengal' was dismantled on the building berth and shipped to Calcutta.									
Unusual configuration of engine cylinders suggests a possible connection with the Rowan & Hoxton patent 856/AD.1858 with which Scotts were involved c. 1857 & later.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MADURA.			SHIP No	155	DELIVERY YEAR	1874
Scott & Co. CD	General Cargo	SHIP OWNER	British India Stm. Nav. Co. London			ENGINE No	203		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	316.0	33.24	26.4	21.4		1942	1266	4220	2673
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
104409	0.655	Clincher	Iron		Schooner	L.R.	1020	3	
DATES	Order			Kel Lay	Launch 20 Dec 1873		Delivery 4 Mar 1874		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl			Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 45 78 INCHES					STROKE 3.75 FT.		PROPULSION MODE Screw		
N.H.P. 300	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 3194 SQ. FT.		
EXPANSION RATIO	5.34	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main	4	: auxiliary	TYPE: Oval			Working Pressure: main 60 p.s.i.		auxiliary	
Dimensions: 15.25h x 8.5w x 9.1l ft			Total Heating Surface			5200 Sq. Ft.		Total Grate Area 160 Sq. Ft.	
Steam Space Volume 1200 cubic feet			Furnaces: total no 8 : dia 3 ft 4 inches : length 6 ft 0 inches						
Boiler Tubes: Diameter inches : length ft inches			Fuel Coal		Natural Draught: Forced				
Propeller(s): No. 1			RH LH: Dia 16.5 ft : pitch 22.5 ft : No. of blades 4		built solid		material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 12½ 13 inches									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement 2502 Tons		Draught 14.83 ft		Cb - 0.562		Speed - 12.25 Knots			
I.H.P. 1164 R.P.M. 60		Steam Pressure at Engine 60 p.s.i.		Vacuum 27 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 66507					Net Profit £ 2268				
CAREER									
Initial Trade: Indian Coast.									
Sold May 1912 for breaking up at Bombay.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MALDA.	SHIP No	DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	British India Str. Nav. Co. London	ENGINE No 204	1874.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	316.0	33.24	26.4	21.4		1945	1269	4220	2673
SALE CAPACITY <small>(cubic feet)</small>	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
104409	0.655	Clincher.	Iron.		Schooner	L.R.	1020	3	
DATES	Order			Keel Lay		Launch 5 Mar 1874		Delivery 17 Apr. 1874	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Compound Expansion
CYLINDER DIAMETERS -	45 78 INCHES	STROKE	3.75 FT.
N.H.P. 300	I.H.P. DESIGN RPM	DESIGN SPEED	CONDENSER COOLING SURFACE 3194 SQ. FT.
EXPANSION RATIO 5.34	RATIO $\frac{\text{Air Pump Capacity}}{\text{E.P. Cylinder Volume}}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$	
No of Boilers: main 4	auxiliary -	TYPE: Oval	Working Pressure: main 60 p.s.i. auxiliary -
Dimensions 15.25 h x 8.5 w x 9.11 l ft	Total Heating Surface	5200 Sq. Ft.	Total Grate Area 160 Sq. Ft.
Steam Space Volume 1200 cubic feet	Furnaces: total no 8	dia 3 ft 4 inches	length 6 ft 0 inches
Boiler Tubes: Diameter - inches	length - ft	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1	VRH LH: Dia 16.5 ft	pitch 22.5 ft	No. of blades 4 built: solid material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	13 12 1/2 13		inches
Electric Generators: No. -	K.W. each: Voltage -		

TRIAL INFORMATION

Displacement	2502 Tons	Draught	14.83 ft.	Cb	0.562	Speed	12.25 Knots
I.H.P.	1164	R.P.M.	60	Steam Pressure at Engine	60 p.s.i.	Vacuum	27 inches Hg

CONTRACT OUTCOME

Invoice Price	£ 66507.	Net Profit	£ 2268.
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CAREER

Initial Trade: Indian Coast.

Sold September 1912 for breaking up at Bombay.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AMARAPOORA		SHIP No	157	DELIVERY YEAR		
Scott & Co CD	General Cargo	SHIP OWNER	British & Burmese Steam Nav Co. Glasgow.		ENGINE No	207	1874		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	340.0	36.0	28.0	22.5		2464	1619	5480	3558
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
157153	0.684	Clincher	Iron		Schooner	L.R.	1232	3	
DATES	Order	Keel Lay		Launch 30 Jul 1874		Delivery 17 Sep 1874			
Passengers Carried	1st Cl	2nd Cl	80	3rd Cl	Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 45 78 INCHES					STROKE 3.75 FT.		PROPULSION MODE Screw		
N.H.P. 300	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 3194 SQ. FT.			
EXPANSION RATIO 5.34	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main 4	auxiliary -		TYPE: Oval.			Working Pressure: main 60 p.s.i. auxiliary			
Dimensions 1525h x 8.5w x 9.11l ft		Total Heating Surface		5200 Sq. Ft.		Total Grate Area		160 Sq. Ft.	
Steam Space Volume 1200 cubic feet		Furnaces: total no 8 : dia 3 ft 4 inches : length 6 ft 0 inches							
Boiler Tubes : Diameter - inches : length - ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced					
Propeller(s) : No. 1		RH LH: Dia 16.5 ft : pitch 22.5 ft : No. of blades 4		built solid		material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 13 12½ 13 inches									
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 4465 Tons		Draught 20.0 ft		Cb - 0.638		Speed - Knots			
I.H.P. 1032 R.P.M. 59		Steam Pressure at Engine 51 p.s.i.		Vacuum 26 inches Hg					
CONTRACT OUTCOME									
Invoice Price £62169.					Net Profit £3991.				
CAREER									
Initial Trade :									
Sold : 1892									
May 10 th 1898 - Stranded at Shih-tau Bay on voyage Kobe-Taku.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PHOENIX		SHIP No	160	DELIVERY YEAR		
Scott & Co. CD	General Cargo	SHIP OWNER	Northern Steam Nav. Co., Lubeck		ENGINE No	209	1874		
TECHNICAL INFORMATION									
DIMENSIONS in FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	240.9	29.83	23.9	19.25		1215	789	2770	1735
SALE CAPACITY in tons	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
79451	0.70	Clincher	Iron	Schooner	L.R.	611	2		
DATES	Order		Keel Lay		Launch 7 Oct 1874		Delivery		1874
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 30 58 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 160	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1506 SQ. FT.		
EXPANSION RATIO	6.3	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 2 : auxiliary		TYPE: Cylindrical				Working : main 70 Pressure : auxiliary - p.s.i.			
Dimensions D x L 11.83 x 9.83 ft				Total Heating Surface		3014 Sq. Ft.		Total Grate Area 160 Sq. Ft.	
Steam Space Volume 589 cubic feet				Furnaces: ^{total} no 4 : dia 3 ft 4 inches : length - ft - inches					
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal		Natural <input checked="" type="checkbox"/> Draught: Forced			
Propeller(s) : No. 1 ^{✓ RH} LH: Dia 13.58 ft : pitch 15.5 ft : No. of blades 4				- built : solid		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				9 ¹ / ₂ 9 9 ¹ / ₂		inches			
Electric Generators : No. - : -				K.W. each : Voltage -					
TRIAL INFORMATION									
Displacement 2376		Tons : Draught 17.0 ft : Cb -		: Speed - Knots					
I.H.P. 755		R.P.M. 72		Steam Pressure at Engine 66 p.s.i. : Vacuum 28 ¹ / ₂ inches Hg					
CONTRACT OUTCOME									
Invoice Price £28000				Net Profit - £2942					
CAREER									
Initial Trade :									
Foundered 3 rd September 1883 - 200 miles N.W. of Brest									
on voyage Cardiff - Odessa with coal.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	(original name was) to be Albion	SHIP No	DELIVERY YEAR
Scott & Co CD	Sailing Vessel.	SHIP OWNER	Albion Shipping Co. Glasgow	ENGINE No	1874

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
—	22.5	25.43	22.25	17.88		1364	1306	2470	1655
SALE CAPACITY Gross Tons	G _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.587	Clincher	Iron		Ship	L.R.	581	3	
DATES	Order			Keel Lay		Launch 26 Oct 1874		Delivery 30 Nov 1874.	
Passengers Carried						Launch Sponsor Young lady friend of owner.			

CONTRACT OUTCOME

Invoice Price £ 13058

Net Profit — £ 338

CAREER.

1905 - Sold to Norwegian owners & renamed Fox.

1912 - Broken up after collision - Dec. 1911.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	(original name was) to be Scotia	SHIP No	DELIVERY YEAR
Scott & Co	Sailing Vessel.	SHIP OWNER	Albion Shipping Co. Glasgow.	ENGINE No	1874

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	22.5	35.83	22.25	17.88		1364	1306	2470	1655
SALE CAPACITY Malt Bush	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.587	Clincher	Iron		Ship	L.R.	581	3	
DATES	Order			Keel Lay		Launch 9 Dec. 1874		Delivery 31 Dec 1874.	
Passengers Carried						Launch Sponsor Miss Auld of Edinburgh.			

CONTRACT OUTCOME

Invoice Price £ 13058.

Net Profit — £ 338 .

CAREER.

21st March 1906 - Sold to Norwegian owners.

22nd Feb. 1907 - stranded at Fjaltring on voyage Flushing to Christiana.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. STENTOR		SHIP No	163	DELIVERY YEAR		
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	212	1875		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	310.83	35.0	26.8	21.4		2021	1304	3970	2445
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts		
122783	0.593	Clincher	Iron	Schooner	-	973	2		
DATES	Order		Keel Lay		Launch 8 Apr 1875		Delivery 26 May 1875		
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 26½ 56 INCHES					STROKE 4.33 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1540 SQ. FT.		
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/31		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/31	
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical (D.E.)				Working Pressure: main 65 : auxiliary - p.s.i.			
Dimensions D x L		12.5 x 24.0 ft		Total Heating Surface		3102 Sq. Ft.		Total Grate Area 96 Sq. Ft.	
Steam Space Volume		677 cubic feet		Furnaces: total no 4 : dia 4 ft 1 inches : length 6 ft 0 inches					
Boiler Tubes: Diameter - inches : length - ft - inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 15.75 ft : pitch 24.0 ft : No. of blades 4				built solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				12 11 11 inches					
Electric Generators: No. -				K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb -		Speed -		10 Knots	
I.H.P. 729 R.P.M. 51.0		Steam Pressure at Engine		65 p.s.i.: Vacuum		26 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 47502				Net Profit £ 3780					
CAREER									
Initial Trade:									
December 1891 - Transferred to N.S.M.O.									
April 1896 - Sold to become Charterhouse.									
1906 - Foundered in a typhoon off Hainan									
Ship had two funnels.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ORESTES		SHIP No	164	DELIVERY YEAR	1875
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	213		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	310.83	35.0	26.8	21.4		2021	1304	3970
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYWOLD STEEL WEIGHT - TONS	No. of Masts	
122783	0-593	Clincher	Iron	Schooner		973	2	
DATES	Order		Keel Lay		Launch	7 June 1875	Delivery	3 Jul 1875
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 26½ 56 INCHES				STROKE 4.33 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. DESIGN RPM	DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1540 SQ. FT.		
EXPANSION RATIO	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/31		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/31	
No of Boilers: main	1	: auxiliary	-		TYPE: Cylindrical (D.E.)		Working Pressure: main 65 p.s.i. auxiliary	
Dimensions D x L		12.5 x 24.0 ft		Total Heating Surface		3102 Sq. Ft.		Total Grate Area 96 Sq. Ft.
Steam Space Volume		677 cubic feet		Furnaces: total no 4		dia 4 ft 1 inches		length 6 ft 0 inches
Boiler Tubes: Diameter		- inches		length	- ft	Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1		RH: Dia 15.75 ft		pitch 24.0 ft		No. of blades 4		built: solid : material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				12 11 11		inches		
Electric Generators: No. -				K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		Speed - 10 Knots		
I.H.P. 729		R.P.M. 51.0		Steam Pressure at Engine		65 p.s.i.:		Vacuum 26 inches Hg
CONTRACT OUTCOME								
Invoice Price £ 47502				Net Profit £ 3780				
CAREER								
Initial Trade:								
7 th March 1876 - Wrecked on reef off Point de Galle, Ceylon.								
Ship had two funnels								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ANCHISES				SHIP No 165	DELIVERY YEAR	
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool				ENGINE No 214	1875	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	30.83	35.0	26.8	21.4		2021	1304	3970	2445
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		DIVIDED STEEL WEIGHT - TONS	No. of MASLS
122783	0593	Clincher	Iron		Schooner			973	2
DATES	Order -			Keel Lay -		Launch 16 Aug 1875		Delivery 6 Sep 1875	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 26½ 56 INCHES					STROKE 4.33 FT.		PROPULSION MODE Screw.		
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED			10 KNOTS		CONDENSER COOLING SURFACE 1540 SQ. FT.	
EXPANSION RATIO	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{31}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{31}$				
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical (D.E.)			Working : main 65 Pressure : auxiliary p.s.i.		
Dimensions D x L		12.5 x 24.0		ft		Total Heating Surface		3102 Sq. Ft.	
Total Grate Area		96		Sq. Ft.					
Steam Space Volume		677 cubic feet		Furnaces: ^{total} no 4 : dia 4 ft 1 inches : length 6 ft 0 inches					
Boiler Tubes : Diameter		- inches : length		- ft - inches		Fuel Coal		Natural <input checked="" type="checkbox"/> Draught : Forced	
Propeller(s) : No. 1		RH LH : Dia 15.75 ft : pitch 24.0		ft : No. of blades 4		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 12 11 11 inches									
Electric Generators : No. - : - K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		- Tons : Draught		- ft : Cb - -		: Speed - 10 Knots			
I.H.P. 729		R.P.M. 51.0		Steam Pressure at Engine		65 p.s.i. : Vacuum		26 inches Hg	
CONTRACT OUTCOME									
Invoice Price £47502					Net Profit £3780				
CAREER									
Initial Trade :									
September 1891 - Transferred to N.S.M.O.									
July 1896 - Sold to Penang Chinese Owner & wrecked near Rangoon.									
Ship had two funnels									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. OORIYA		SHIP No	162		DELIVERY YEAR
Scott & Co. CD	River Steamer	SHIP OWNER	D. McNeill and P. Mackinnon - Glasgow		ENGINE No	218		1875
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	228.8	26.0	12.54	8.0		547	215	764
SALE CAPACITY 10000 LBS.	C ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.558	Clincher	Iron		Schooner	L.R.	266	2
DATES	Order		Keel Lay		Launch 1 Sept 1875		Delivery 1 Dec 1875	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. John Scott. IV. Greenock			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion - Diagonal			
CYLINDER DIAMETERS - 42 80 INCHES					STROKE 5.0 FT.		PROPULSION MODE Paddles	
N.H.P. 400	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 2968 SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity LP Cylinder Volume = $\frac{1}{15.1}$		RATIO		S.W. Circ. Pump Capacity LP Cylinder Volume = $\frac{1}{20}$
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical (with receivers)		Working Pressure: main 65 p.s.i.		: auxiliary -
Dimensions D x L 11.08 x 19.0 ft				Total Heating Surface 4829 Sq. Ft.		Total Grate Area 168 Sq. Ft.		
Steam Space Volume 1190 cubic feet				Furnaces: total no 8 : dia 3 ft 6 inches : length 7 ft 1 inches				
Boiler Tubes: Diameter - inches : length - ft - inches				Fuel Coal		Draught: Forced Natural <input checked="" type="checkbox"/>		
Paddle Wheels: Diameter 17 ft. 1 inches.				Floats: No. 9 : L x B 7'-6" x 2'-11" x 2 1/2"				
Feathering: <input checked="" type="checkbox"/>								
Electric Generators: No. :				K.W. each: Voltage				
TRIAL INFORMATION								
Displacement 714 Tons		Draught 7.63 ft.		Cb -		Speed - 14 1/2 Knots		
I.H.P. 1252		R.P.M. 35.5		Steam Pressure at Engine 65 p.s.i.		Vacuum 26 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 25585				Net Profit - £ 829				
CAREER								
Initial Trade: Indian River Steamer.								
Later bought by Straits Steam Ship Co.								
and renamed Kwang Hoi.								
Scrapped - Manila 1901.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. RANGOON.		SHIP No	167		DELIVERY YEAR
Scott & Co. C.D.	River Steamer.	SHIP OWNER	British India Str. Nav. Co London		ENGINE No	209		1875
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	228.8	26.0	12.54	8.0		543	208	764
SALE CAPACITY (GROSS TONS)	C _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.558	Clincher	Iron		Schooner	L.R.	266	2
DATES	Order		Keel Lay		Launch	6 Oct 1875		Delivery 1 Dec 1875
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor	-
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion - Diagonal				
CYLINDER DIAMETERS - 42 80 INCHES				STROKE 5.0 FT.		PROPULSION MODE Paddles		
N.H.P. 400	L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 2968 SQ. FT.	
EXPANSION RATIO		RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{15.1}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{20}$
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical (with receivers)		Working Pressure: main 65 p.s.i.		: auxiliary
Dimensions D x L 11.08 x 19.0 ft				Total Heating Surface 4829 Sq. Ft.		Total Grate Area 168 Sq. Ft.		
Steam Space Volume 1190 cubic feet				Furnaces: total no 8 : dia 3 ft 6 inches : length 7 ft 1 inches				
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels: Diameter 17 ft. 1 inches. Floats: No. 9 : L x B 7'6" x 2'11" x 2'2 1/2 inches								
Feathering: <input checked="" type="checkbox"/>								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 714 Tons		Draught 7.63 ft.		Cb -		Speed - 14 1/4 Knots		
I.H.P. 1252		R.P.M. 35.5		Steam Pressure at Engine 65 p.s.i.		Vacuum 26 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 25585				Net Profit - £ 829				
CAREER								
Initial Trade: Indian river steamer.								
Sold for scrap 14 th February 1906.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ARGO.		SHIP No	168	DELIVERY YEAR
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	Alfred Holt, Esq. Liverpool		ENGINE No	220	1875
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	205.3	26.0	17.13	13.9		580	395
DISPLACEMENT	1125						
DEADWEIGHT	-						
SALE CAPACITY GROSS TONS	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	SYMBOL STEEL WEIGHT - TONS	No. of Masts
25103	0.523	Clincher	Iron.	Schooner	-	289.5	2
DATES	Order 14 Mar 1875		Keel Lay	Launch 3 Nov 1875		Delivery 16 Dec 1875	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - ^{h.p. 2 x 16} ^{l.p. 2 x 34} INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw	
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED		11 KNOTS		
CONDENSER COOLING SURFACE		1115 SQ. FT.					
EXPANSION RATIO	RATIO		$\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.3}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.4}$		
No of Boilers: main	1	: auxiliary	-	TYPE: Ovalends. Circ. centve		Working : main Pressure : auxiliary p.s.i.	
Dimensions	13.0 x 10.5 x 19.5 ft		Total Heating Surface		2168 Sq. Ft.		Total Grate Area
70 Sq. Ft.							
Steam Space Volume		600 cubic feet		Furnaces: ^{total} no 4 : dia 3 ft 6 inches : length 5 ft 0 inches			
Boiler Tubes : Diameter		- inches : length - ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>	
Propeller(s) : No. 1		^{RH} LH: Dia 12.5 ft : pitch 16.0 ft : No. of blades 4		^{built} : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-		8 1/2 8 1/2 8 3/4		inches			
Electric Generators : No. -		: -		K.W. each : Voltage -			
TRIAL INFORMATION							
Displacement 900		Tons : Draught 12.63 ft : Cb - 0.467		: Speed - 11.72 Knots			
I.H.P. 640 R.P.M. 78		Steam Pressure at Engine 70 p.s.i. : Vacuum 26 1/2 inches Hg					
CONTRACT OUTCOME							
Invoice Price £ 18000		Net Profit £ - 510					
CAREER							
Initial Trade :							
1876 - Grounded in Norwegian fjord on holiday cruise.							
(Alfred Holt qualified as yacht master.)							
1881 - Sold to French owners for non commercial use.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co. CD	Sailing Vessel	AURIGA.	166	1875.
		(Rathbone) Star Navigation Co. Liverpool	ENGINE No —	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	238.0	38.0	24.5	19.67		1591	1518	3150	2088
SALE CAPACITY cuba feet	G _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.613	Clincher	Iron		Ship	L.R.	739	3	
DATES	Order			Keel Lay		Launch 11 Dec 1875		Delivery 28 Dec 1875	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

1904 - became 'Blanca' with Akties Blanca, Arendal.

10th Oct 1916 - left Buenos Aires for Aarhus, Denmark

8th Mar 1917 - sailed from Stornoway - thereafter no further trace.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co.	Sailing Vessel	ARIADNE	174	1876
		J.J. & R. Grieve Greenock	ENGINE No —	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	195.4	33.0	21.88	17.6		1023	979	2035	1333
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	0.624	Clincher	Iron	Ship	L.R	438	3		
DATES	Order			Keel Lay		Launch 2 Nov 1876		Delivery 13 Nov 1876	
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price £ 26750

Net Profit £ 1802.

CAREER.

6 Aug. 1877 - Ariadne sailed from Calcutta to Hull with linseed cargo.

30 Oct 1877 - Small boat picked up marked Ariadne off Ramiree Island.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHEFOO.				SHIP No 169	DELIVERY YEAR
Scott & Co C.D.	General Cargo.	SHIP OWNER	John Samuel Swire & Sons Ltd London				ENGINE No 208	1876
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	232.3	27.0	23.08	18.5		1087	684	2442
BALE CAPACITY cubic ft	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STEEL WEIGHT - TONS	No. of Masts
71568	0.74	Clincher	Iron		Schooner	-	481	2
DATES	Order			Kel Lay	Launch 24 Feb 1876		Delivery 25 Mar 1876	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 23 46 INCHES					STROKE 3.0 FT.	PROPULSION MODE Screw		
N.H.P. 98	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1000 SQ. FT.	
EXPANSION RATIO	6.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{25.9}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.0}$				
No of Boilers: main 2 : auxiliary -		TYPE: Oval.			Working : main 65 Pressure : auxiliary p.s.i.			
Dimensions L x B x D 14.5 h x 8.5 w x 9.0 l ft				Total Heating Surface		1986 Sq. Ft.		Total Grate Area 71.5 Sq. Ft.
Steam Space Volume		626 cubic feet		Furnaces: ^{total} no 4 : dia 3 ft 3 inches : length 6 ft 0 inches				
Boiler Tubes : Diameter — inches : length — ft — inches						Fuel Coal	Natural <input checked="" type="checkbox"/> Draught: Forced	
Propeller(s) : No. 1 ^{✓ RH}		LH: Dia 12.0 ft : pitch 15.0 ft : No. of blades 4		built : solid		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-						8 7 $\frac{3}{4}$ 8 inches		
Electric Generators : No. -		: -		K.W. each : Voltage -				
TRIAL INFORMATION								
Displacement		1830 Tons : Draught 16.25 ft : Cb -		: Speed - 9 Knots				
I.H.P. 456 R.P.M. 70		Steam Pressure at Engine		65 p.s.i. : Vacuum		26 $\frac{1}{2}$ inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 21620				Net Profit £ 2874				
CAREER								
Initial Trade: China Coaster.								
Sold. 1905 to F.D. Farmer, Shanghai								
Sold 1913 to Chang Tze Yang, Chefoo								
Sold. 1921 to Deng Ting Kee, Shanghai.								
Deleted from. L.R. 1929 - presumably scrapped.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TIENTSIN		SHIP No 170	DELIVERY YEAR			
Scott & Co CD.	General Cargo	SHIP OWNER	John Samuel Swire. London		ENGINE No 222	1876			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	232.25	27.0	23.08	18.5		1087	682	2442	1663
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
71568	0.74	Clincher	Iron	Schooner	-	481	2		
DATES	Order		Keel Lay	Launch 25 Mar 1876		Delivery 20 Apr 1876			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor -					
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion					
CYLINDER DIAMETERS - 23 46 - INCHES				STROKE 3.0 FT.	PROPULSION MODE Screw				
N.H.P. 98	I.H.P. DESIGN RPM		DESIGN SPEED		CONDENSER COOLING SURFACE 1000 SQ. FT.				
EXPANSION RATIO - 6.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = 25.9$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = 15.0$						
No of Boilers: main 2 : auxiliary -		TYPE: Oval.			Working : main 65 Pressure : auxiliary p.s.i.				
Dimensions - 14.5h x 8.5w x 9.0l ft		Total Heating Surface 1986 Sq. Ft.		Total Grate Area 71.5 Sq. Ft.					
Steam Space Volume 626 cubic feet		Furnaces: ^{total} no 4 : dia 3 ft 3 inches : length 6 ft 0 inches							
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s) : No. 1 ^{✓RH}		LH: Dia 12.0 ft : pitch 15.0 ft : No. of blades 4		built solid	: material				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				8 7 ³ / ₄ 8 inches					
Electric Generators : No. : : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement c. 2000 Tons : Draught 16.375 ft. : C _b - : Speed - 9.26 Knots									
I.H.P. 488 R.P.M. 69.8 Steam Pressure at Engine 67 p.s.i. : Vacuum 27 ¹ / ₂ inches Hg									
CONTRACT OUTCOME									
Invoice Price £21620			Net Profit £2874						
CAREER									
Initial Trade: - China Coaster.									
28 th August 1887 - Wrecked on Rees Island, Amoy on voyage Swatow / Shanghai.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. STELLA.		SHIP No 171	DELIVERY YEAR	
Scott & Co CD.	General Cargo.	SHIP OWNER	Government of New Zealand.		ENGINE No 223	1876	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	
	150.0	21.0	13.0	10.4		269	
						157	
						526	
						197	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.55%	Clincher	Iron	Schooner	-	163	3
DATES	Order	Keel Lay	Launch 13 Apr 1876		Delivery 23 May 1876		
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor	-		
MACHINERY							
SUPPLIER Greenock Foundry Co.			TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 22 40 INCHES			STROKE 2.5 FT.		PROPULSION MODE Screw.		
N.H.P. 80	I.H.P. DESIGN RPM	DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 840 SQ. FT.	
EXPANSION RATIO	4.4	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19.2}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{11.3}$			
No of Boilers: main	1	: auxiliary	-		TYPE: Cylindrical with steam dome		
Working : main 65 Pressure : auxiliary -			p.s.i.				
Dimensions	11.0 x 9.75		ft	Total Heating Surface	1200 Sq. Ft.	Total Grate Area 40 Sq. Ft.	
Steam Space Volume	256 cubic feet		Furnaces: total no	2 : dia 3 ft 4 inches : length 7 ft 0 inches			
Boiler Tubes : Diameter	3 1/2 inches		length	7 ft 0 inches		Fuel Coal	
Propeller(s) : No.	1		built : solid	: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-			7 5/8 7 1/8 7 5/8 inches				
Electric Generators : No. -			K.W. each : Voltage -				
TRIAL INFORMATION							
Displacement	459 Tons		Draught	10.0 ft		Speed - 10 Knots	
I.H.P.	320 R.P.M.		75.5	Steam Pressure at Engine	59.5 p.s.i. : Vacuum 24.5 inches Hg		
CONTRACT OUTCOME							
Invoice Price £ 13000			Net Profit £ 294.				
CAREER							
Initial Trade: Government Service.							
1897 - owned by Leyland - O'Brien Timber Co. Auckland.							
1918 - sold to Otago Rolling Mills, Ltd. for breaking up.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HINEMOA		SHIP No	172		DELIVERY YEAR
Scott & Co CD	Parliamentary Yacht	SHIP OWNER	Government of New Zealand.		ENGINE No	224		1876
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	200.75	25.0	16.13	12.96		542	282	1040
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
12480	0.554	Clincher	Iron	Schooner	-	285	3	
DATES	Order -		Keel Lay -		Launch 8 May 1876		Delivery 8 Aug. 1876	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 33 58 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw.		
N.H.P. 150	I.H.P. DESIGN RPM		DESIGN SPEED		12 KNOTS			
EXPANSION RATIO 5.3		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{23.3}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19.8}$		CONDENSER COOLING SURFACE 1809 SQ. FT.		
No of Boilers: main 2 : auxiliary -		TYPE: Oval.				Working Pressure: main 60 : auxiliary p.s.i.		
Dimensions 13.83h x 9.67w x 9.75 l ft				Total Heating Surface 2915 Sq. Ft.		Total Grate Area 80.0 Sq. Ft.		
Steam Space Volume 651 cubic feet				Furnaces: total 8 : dia 3 ft 4 inches : length 7 ft 0 inches				
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 ^{RH} LH: Dia 12.0 ft : pitch 17.0 ft : No. of blades 4				built solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				10 9 1/2 10		inches		
Electric Generators: No. -				K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement 870 Tons				Draught 12.0 ft		Cb - 0.506		Speed - 12.42 Knots
I.H.P. 754 R.P.M. 79.7				Steam Pressure at Engine 54 p.s.i.		Vacuum 27 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 23500				Net Profit £ 2620				
CAREER								
Initial Trade: Parliamentary Yacht				1876 - 1922.				
				laid up 1922 - 1926.				
				laid up 1932 after some years as a tourist ship				
				Used as a target 1944 and finally sunk by a demolition				
				charge on 10/5/1944.				

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co C.D.	Pleasure Yacht	S. Yacht. GRETA	173	1876
		SHIP OWNER	ENGINE No	
		John Scott IV. Greenock	226	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	77.08	12.0	9.25	7.67		40.4	23.1	87	—
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.445	Clincher	Iron		Schopner		19	2	
DATES	Order			Keel Lay		Launch 15 Jun 1876	Delivery 4 Sep. 1876		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Compound Expansion.
CYLINDER DIAMETERS -	9 18	INCHES	STROKE 1.25 FT.
PROPULSION MODE	Screw.		
N.H.P.	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS
EXPANSION RATIO	5.33	RATIO	$\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{12}$
		RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16}$
No of Boilers: main	1	: auxiliary	—
TYPE:	Oval	Working : main	75 p.s.i.
		Pressure : auxiliary	
Dimensions	8.1h x 4.0w x 6.83h ft	Total Heating Surface	272 Sq. Ft.
		Total Grate Area	10 Sq. Ft.
Steam Space Volume	40.2 cubic feet	Furnaces : total	no : dia ft inches : length ft inches
Boiler Tubes : Diameter	2 $\frac{3}{4}$ inches	length ft	inches
Propeller(s) : No.	1	built : solid	: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ 3 $\frac{1}{2}$	inches	
Electric Generators : No.	—	K.W. each	Voltage —

TRIAL INFORMATION

Displacement	58.5	Tons	Draught	6.64 ft	Cb	0.333	Speed	7.5 Knots
I.H.P.	58	R.P.M.	120	Steam Pressure at Engine	74 p.s.i.	Vacuum	23 inches Hg	

CONTRACT OUTCOME

Invoice Price	£ 3000	Net Profit	— £ 269.
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CAREER

Initial Trade:	Pleasure Yachting.
Originally purchased by	Miss Finnie of Kilmarnock
Sold on 23/2/1877 to	Lieut F.G. Innes Lillingston of Lochalsh as 'Iobair'.
Later (1911) owned by	David Cockburn, Ardrossan.
(1915)	E.R.F. Colebard
1918 sold for use as a	fishing vessel.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD.	Sailing Vessel	DOCHRA.	175	1877.
		SHIP OWNER	ENGINE No	
		John Scott Robert S. Scott	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	195.4	33.0	21.88	17.6		1023	979	2035	1333
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	0.624	Clincher	Iron	Barque	L.R.	438	3		
DATES	Order	Keel Lay	Launch	29 Mar 1877	Delivery	9 Apr 1877			
Passengers Carried	Launch Sponsor								

CONTRACT OUTCOME

Invoice Price £ 14980

Net Profit £ 609

CAREER.

First voyage was to Rangoon.

April 1881 - bought by McNeilage, Adam & Co. Greenock for £ 12558.

1913 - renamed Pernambuco - Brazilian owners.

1922 - " Olinda - Portuguese owners.

1936 - became a barge.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co	Sailing Vessel	PERSIAN.	182	1878
		SHIP OWNER	ENGINE No	
		W & J. Orr; W. Guthrie J. Cairns	—	
		Greenock & London		

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	231.6	37.0	23.63	19.0		1452	1387	2900	1900
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.62	Clincher	Iron.		Ship	L.R.	651	3	
DATES	Order			Keel Lay		Launch 30 May 1878		Delivery 22 Jun 1878	
Passengers Carried						Launch Sponsor Miss Guthrie, d. of Capt. Guthrie			

CONTRACT OUTCOME

Invoice Price £ 20452

Net Profit £ 2506

CAREER.

Later owned by J.D. Clink, London

K. Bruunsgaard, Drammen, Norway, as 'Mafalda'.

1923 - Italian owned & renamed Persian.

1924 - broken up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht GRETA.		SHIP No	178	DELIVERY YEAR		
Scott & Co. GD	Pleasure Yacht	SHIP OWNER	John Scott IV & R. Sinclair Scott, Greenock		ENGINE No	227	1877.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	85.08	12.5	9.5	7.83		46.2	31.4	97	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOLVED STEEL WEIGHT - TONS	No. of Masts
-	0.41	Clincher	Iron.		Schooner			23.4	2
DATES	Order	Kael Lay		Launch 23 May 1877		Delivery		1877	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam compound expansion.				
CYLINDER DIAMETERS - 9 + 18 INCHES					STROKE 1.25 FT.		PROPULSION MODE Screw.		
N.H.P. 25	I.H.P. DESIGN RPM		DESIGN SPEED		8.25 KNOTS		CONDENSER COOLING SURFACE 152 SQ. FT.		
EXPANSION RATIO 5.7	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{10.7}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{16}$		
No of Boilers: main 1	: auxiliary -		TYPE: Oval.			Working Pressure: main 80 p.s.i. : auxiliary -			
Dimensions 683 l x 40 w x 8.25 h ft			Total Heating Surface 320 Sq. Ft.			Total Grate Area 9.9 Sq. Ft.			
Steam Space Volume 44.5 cubic feet			Furnaces: total no 1 : dia 2 ft 10 inches : length - ft - inches -						
Boiler Tubes : Diameter - inches : length - ft - inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s) : No. 1 ^{✓RH} LH: Dia 6.33 ft : pitch 6.5 ft : No. of blades 4			built : solid		: material				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-			3½ 3½ 3½		inches				
Electric Generators : No. -			K.W. each : Voltage -						
TRIAL INFORMATION									
Displacement 62.5 Tons		Draught 6.63 ft		Cb - 0.31		Speed - 8½ Knots			
I.H.P. 76		R.P.M. 135		Steam Pressure at Engine 75 p.s.i.		Vacuum 23 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 3500					Net Profit 0.				
CAREER									
Initial Trade :									
Originally sold to C. Dashwood - renamed Griffin.									
1911-15 owned by Mrs Marie von Hottenot, Trieste.									
1920-28 " E. Pollich, Trieste & called 'Suzuchi'									
1931-38 " Brodarsko "Boka" Kotor									
1947 " Zetaka Plovidba Kotor									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ORESTES.			SHIP No 176	DELIVERY YEAR
Scott & Co C.D.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool			ENGINE No 228	1877
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	312.83	35.0	26.8	21.4		2057	1323
							Displacement
							4015
							Deadweight
							2430
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
122 783	0.593	Clincher	Iron	Schooner		1008	2
DATES	Order 26 Oct 1876			Keel Lay	Launch 14 Jul 1877	Delivery 29 Sept 1877	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor	-		
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 26½ 56 INCHES				STROKE 4.33 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED		11 KNOTS		
EXPANSION RATIO 5		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{28}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{25}$		CONDENSER COOLING SURFACE 1691 SQ. FT.	
No of Boilers: main 1 : auxiliary -		TYPE: Oval ends, circ. centre		Working : main 70 Pressure : auxiliary p.s.i.			
Dimensions 14.17h x 11.83w x 24.0l ft		Total Heating Surface 3458 Sq. Ft.		Total Grate Area 102.5 Sq. Ft.			
Steam Space Volume 599 cubic feet		Furnaces: total 4 : dia 3 ft 3 inches : length ft inches					
Boiler Tubes: Diameter 4 inches : length ft inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{VRH} LH: Dia 15.75 ft : pitch 23.0 ft : No. of blades 4		built : solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				12 11 12 inches			
Electric Generators: No. - : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement 2120 Tons		Draught 14.2 ft		Cb - 0.478		Speed - 11.53 Knots	
I.H.P. 777 R.P.M. 52		Steam Pressure at Engine 68½ p.s.i.		Vacuum 25¾ inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 43,000.				Net Profit £ 3723.			
CAREER							
Initial Trade:							
November 1893 - sold to Japanese & wrecked en route							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TEUCER				SHIP No	DELIVERY YEAR	
Scott & Co CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool				ENGINE No 229	1877	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	312.83	35.0	26.8	21.4		2057	1324	4015	2430
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of MASS
122783	0.593	Clincher	Iron		Schooner	-		1008	2
DATES	Order 26 Oct 1876			Kael Lay	Launch 6 Nov 1877		Delivery 6 Dec 1877		
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 26 $\frac{1}{2}$ 56 INCHES					STROKE 4.33 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. DESIGN RPM			DESIGN SPEED		CONDENSER COOLING SURFACE 1691 SQ. FT.			
EXPANSION RATIO 5		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{28}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{25}$				
No of Boilers: main 1		: auxiliary -		TYPE: Oval ends: circ. centre			Working : main 70 Pressure : auxiliary p.s.i.		
Dimensions 14.17h x 11.83w x 24.0l ft				Total Heating Surface 3458 Sq. Ft.			Total Grate Area 102.5 Sq. Ft.		
Steam Space Volume 599 cubic feet				Furnaces: total 4 : dia 3 ft 3 inches : length ft inches					
Boiler Tubes: Diameter 4 inches : length ft inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 15.75 ft: pitch 23.0 ft: No. of blades 4				built : solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-						12 11 12 inches			
Electric Generators: No. - : -						K.W. each: Voltage -			
TRIAL INFORMATION									
Displacement 2160		Tons: Draught 14.33 ft:		Cb - 0.482		Speed - 12.59 Knots			
I.H.P. 856		R.P.M. 53.3		Steam Pressure at Engine 65 p.s.i.:		Vacuum 25 $\frac{1}{2}$ inches Hg			
CONTRACT OUTCOME									
Invoice Price £43000.					Net Profit £3723				
CAREER									
Initial Trade:									
31st May 1885 - Wrecked off Ushant en route									
Singapore - Amsterdam.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NEWCHWANG		SHIP No	179	DELIVERY YEAR		
Scott & Co CD.	General Cargo	SHIP OWNER	W.H. Swire London		ENGINE No	230	1877		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	220.0	28.25	19.5	15.6		895	558	1982	1322
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
47,733	0.72	Clincher	iron		Schooner			374	2
DATES	Order		Keel Lay		Launch 24 Nov 1877		Delivery 19 Dec. 1877		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 23 46 INCHES					STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 99	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1000 SQ. FT.		
EXPANSION RATIO 5.75	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{25.9}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.0}$						
No of Boilers: main 2 : auxiliary -		TYPE: Oval.				Working Pressure: main 65 : auxiliary p.s.i.			
Dimensions 14.5 h x 8.5 w x 9.0 l ft			Total Heating Surface 1997 Sq. Ft.			Total Grate Area 71.5 Sq. Ft.			
Steam Space Volume 644 cubic feet			Furnaces: ^{total} no 4 : dia 3 ft 3 inches : length 5 ft 6 inches						
Boiler Tubes: Diameter ^{o.d.} 3 inches : length ft inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 [✓] RH LH: Dia 12.0 ft : pitch 15.0 ft : No. of blades 4			built solid		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-					8 7 $\frac{3}{4}$ 8 inches				
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 1580 Tons		Draught 13.0 ft		Cb - 0.684		Speed -		Knots	
I.H.P. 431 R.P.M. 70		Steam Pressure at Engine 60 p.s.i.		Vacuum 27 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 19445					Net Profit £ 2232				
CAREER									
Initial Trade:									
1912 - Sold to Woo Yik S.S. Co, Macau for £6000									
& renamed 'Changva'									
1926 - Broken up, Shanghai.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. WENCHOW		SHIP No	180	DELIVERY YEAR	1878
Scott & Co. C.D.	General Cargo	SHIP OWNER	W. H. Swire London		ENGINE No	231		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	220.0	28.25	19.5	15.6		895	558	1982
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts	
47,733	0.72	Clincher	Iron.	Schooner		374	2	
DATES	Order		Keel Lay		Launch 17 Jan 1878	Delivery 12 Feb 1878		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 23 46 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw		
N.H.P. 99	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1000 SQ. FT.		
EXPANSION RATIO 5.75	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{25.9}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.0}$					
No of Boilers: main 2	: auxiliary -		TYPE: Oval.		Working Pressure: main 65 p.s.i. : auxiliary -			
Dimensions D x H x W = 8.5 x 9.0 x 8 ft				Total Heating Surface 1997 Sq. Ft.		Total Grate Area 71.5 Sq. Ft.		
Steam Space Volume 644 cubic feet				Furnaces: total no 4 : dia 3 ft 3 inches : length 5 ft 6 inches				
Boiler Tubes: Diameter 3 inches : length ft inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 RH LH: Dia 12.0 ft: pitch 15.0 ft: No. of blades 4				built: solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				8 7 $\frac{3}{4}$ 8 inches				
Electric Generators: No. - : -				K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement 1605		Tons: Draught 13.2 ft:		Cb - 0.685		Speed -		Knots
I.H.P. 457		R.P.M. 72		Steam Pressure at Engine 65 p.s.i.:		Vacuum 27		inches Hg
CONTRACT OUTCOME								
Invoice Price £ 19445				Net Profit £ 2232.				
CAREER								
Initial Trade:								
November 1922 - sold to Chinese breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. SHERARD OSBORN	SHIP No 181	DELIVERY YEAR
Scott & Co. CD.	Cable Layer.	SHIP OWNER	Telegraph Maintenance Co. London Eastern Section (Australia & China)	ENGINE No 232	1878

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	270.0	32.0	22.75	17.9		1429	875	3052	1808
SALE CAPACITY cable ton	C _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of MASTS	
—	0.686	Clincher.	Iron.		Schooner	L.R.	846	2	
DATES	Order		Keel Lay	19 Nov 1877	Launch	4 Apr 1878	Delivery	13 May 1878	
Passengers Carried	1st Cl	—	2nd Cl	—	3rd Cl	—	Launch Sponsor	—	

MACHINERY

SUPPLIER	Greenock Foundry Co	TYPE	Steam Compound Expansion	
CYLINDER DIAMETERS -	21 44	INCHES	STROKE	2.5 FT.
N.H.P. 200	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE 1757 SQ. FT.
EXPANSION RATIO	5.85	RATIO	$\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{21.1}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.1}$
No of Boilers: main	3	: auxiliary	—	TYPE: Oval.
Dimensions	14.67h x 8.5w x 10.33 l ft	Total Heating Surface	4100 Sq. Ft.	Total Grate Area 112.5 Sq. Ft.
Steam Space Volume	1164 cubic feet	Furnaces: total no	6	: dia 3 ft 0 inches : length 6 ft 3 inches
Boiler Tubes : Diameter	—	inches : length	—	ft — inches
Propeller(s) : No.	2	✓ RH : Dia	10.83 ft	: pitch 13.0 ft : No. of blades 4
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-	7 $\frac{3}{4}$	7 $\frac{1}{4}$	7 $\frac{1}{2}$	inches
Electric Generators : No.	—	: —	K.W. each	: Voltage —

TRIAL INFORMATION

Displacement	1790	Tons	Draught	11.75	ft	: Cb	0.617	: Speed	11	Knots
I.H.P	952	R.P.M.	90.7	Steam Pressure at Engine	76	p.s.i.	: Vacuum	26 $\frac{1}{4}$	inches Hg	—

CONTRACT OUTCOME

Invoice Price	£ 42500	Net Profit	— £ 660
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CAREER

Initial Trade:	One of the earliest purpose built cable ships.
	Named after late Rear-Admiral Sherard Osborn. M.D. of company 1867-74
1878-1903	Laid cables in Far East 1903-1921 - Laid cables around South Africa.
1921-1936	Used as fish factory ship. 1936 renamed Citta di Torino. 1937 scrapped (Italy)
	Early Cables laid by Sherard Osborn.
1884	- Renewed sections - Singapore - Hong Kong. 1897 2nd cable Singapore-Malacca - Penang
1885	- 2nd cable from Flinders (Aus) to Tasmania. 1900 Renewed Shanghai-Tsingtan
1887	- Hong Kong to Macao. 1900 " " - Foochow.
1889	- Saigon - Hong Kong repairs 1901 Laid Woosung-Tchifu.
1897	- Several cables in Phillipines from Manila.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht GRETA		SHIP No	183	DELIVERY YEAR	1878
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	John Scott & R. Sinclair Scott. Greenock		ENGINE No	236		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	90.6	14.0	9.5	7.83		57.02	38.77	118
Ball Capacity cubic feet	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.42	Clincher	Iron		Schooner	-	29T	2
DATES	Order		Kel Lay		Launch	3 Jun 1878	Delivery	16 May 1878
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion (Tandem)			
CYLINDER DIAMETERS - 10½ 20 INCHES					STROKE	1.5 FT.	PROPULSION MODE Screw.	
N.H.P. 40	I.H.P. DESIGN RPM	DESIGN SPEED			9.3 KNOTS	CONDENSER COOLING SURFACE 209 SQ. FT.		
EXPANSION RATIO	4.83	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.2}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.2}$			
No of Boilers: main	1	: auxiliary	TYPE: Oval			Working : main 75 Pressure : auxiliary p.s.i.		
Dimensions	9.5h x 5.0w x 9.5l ft			Total Heating Surface	422 Sq. Ft.	Total Grate Area	14 Sq. Ft.	
Steam Space Volume	82 cubic feet			Furnaces: total no	1	: dia 2 ft 10¼ inches	length 5 ft 11½ inches	
Boiler Tubes: Diameter	3	inches	length	ft	inches	Fuel: Coal	Natural <input checked="" type="checkbox"/> Draught: Forced	
Propeller(s): No.	1	✓ RH	LH: Dia 6.25 ft: pitch 7.0 ft		No. of blades	4	built : solid <input checked="" type="checkbox"/>	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 4, 4, 4. inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement	80	Tons	Draught	6.67	ft	Cb - 0.33	Speed - 9.33	Knots
I.H.P	105	R.P.M.	134	Steam Pressure at Engine	75	p.s.i.	Vacuum	26¾ inches Hg
CONTRACT OUTCOME								
Invoice Price £ 3859					Net Profit 0.			
CAREER								
Initial Trade: Pleasure Yachting.								
1890 - Sold to Vicomte R. de Quelen.								
1894 - Sold to Barons E & R Oppenheim and resold in 1898								
to Dr J.B. Charcot & renamed 'Pourquoi Pas'.								
1899 - Owned by F. Empain, Antwerp as 'Primavera II'								
1901 - " Miss Baring, Southampton.								
1906 - Became a pilot boat.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PARIS.		SHIP No	DELIVERY YEAR	
Scott & Co CD.	Pleasure Steamer	SHIP OWNER	London, Chatham & Dover Rly Co. London.		ENGINE No	1878	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	170.25	22.5	13.0	10.4		330.2	165.2
							Displacement
							716
							Deadweight
							354
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL & P	RIJGED	CLASSIFICATION SOCIETY	BYONOLD STRU WEIGHT - TONS	No. of Masts
16428	0.622	Clincher	Iron	Schooner	L.R.	172	2
DATES	Order	Keel Lay	Launch	18 Jun 1878	Delivery	4 Jul 1878	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 25½ 46½ INCHES				STROKE 2.0 FT.		PROPULSION MODE F Screw	
N.H.P. 85	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 870 SQ. FT.	
EXPANSION RATIO 4.41	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{11}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{11}$				
No of Boilers: main 1	: auxiliary -	TYPE: Cylindrical (brass tubes)		Working Pressure: main 55		auxiliary p.s.i.	
Dimensions D x L 13.0 x 10.92 ft		Total Heating Surface 1406 Sq. Ft.		Total Grate Area 56.75 Sq. Ft.			
Steam Space Volume 344 cubic feet		Furnaces: total no 3		: dia 3 ft 2 inches		: length ft inches	
Boiler Tubes: o.d. 3½ inches		: length ft inches		Fuel Coal		Natural Draught: Forced	
Propeller(s): No. 1		RH LH: Dia 8.25 ft		: pitch 12.5 ft		No. of blades 4 built: solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				7 6¼ 7 inches			
Electric Generators: No. -				K.W. each: Voltage -			
TRIAL INFORMATION							
Displacement 612 Tons		Draught 9.63 ft		Cb - 0.58		Speed - 10.46 Knots	
I.H.P. 427 R.P.M. 113		Steam Pressure at Engine 53 p.s.i.		Vacuum 26.65 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 13000				Net Profit £ 552.			
CAREER							
Initial Trade: Railway Service.							
Later became 'Calvados' with the London, Brighton & South Coast Railway.							
Transferred to the Caen cargo service.							
Scrapped 1911.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. WUHU.		SHIP No	185	DELIVERY YEAR		
Scott & Co. CD.	General Cargo/Passenger	SHIP OWNER	China Navigation Co. London.		ENGINE No	238	1879		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	287.0	50.0	13.08	10.0		3051	1960.	2487	1491
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYWOLD STEEL WEIGHT - TONS	No. of Masts	
155 147	0.607	Clincher	Iron		Sloop	-	583	One	
DATES	Order 26 Jul 1878		Kael Lay		Launch 11 Feb 1879		Delivery 24 Apr 1879		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl				Launch Sponsor				
800 MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam				
CYLINDER DIAMETERS - 18 26 INCHES					STROKE 2.83 FT.		PROPULSION MODE Twin Screw		
N.H.P. 300	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 2700 SQ. FT.		
EXPANSION RATIO 3.7	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/5.5		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/5.5		
No of Boilers: main 4 : auxiliary		TYPE: Locomotive				Working Pressure: main 80 : auxiliary p.s.i.			
Dimensions D x L 8.5 x 14.5 ft				Total Heating Surface 4454 Sq. Ft.		Total Grate Area 154 Sq. Ft.			
Steam Space Volume 1428 cubic feet				Furnaces: total no 8 : dia 3 ft 6 inches : length 5 ft 6 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 10 ft 0 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2 ✓RH 9.5 ft : pitch 14.0 ✓LH: Dia 9.83 ft				No. of blades 4		built : solid : material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				8 1/2 8 8 1/2 inches					
Electric Generators: No. - : -				K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement 2368 Tons: Draught 9.58 ft: C _b - 0.602				Speed - 11.75 Knots					
I.H.P. 1196 R.P.M. 85				Steam Pressure at Engine 75 p.s.i.: Vacuum - 27 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 35390				Net Profit £ 3565					
CAREER									
Initial Trade: Lower Yangtse River. (Shallow draft design)									
Lost on 6 th January 1883 at Langshan Crossing, Lower Yangtse on voyage Shanghai/Hankow.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. ALEXANDRA.				SHIP No 188	DELIVERY YEAR
Scott & Co C.D.	Pleasure Steamer	SHIP OWNER	Portsmouth & Ryde United S.P. Co. Portsmouth				ENGINE No 240	1879
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	170.0	20.0	9.0	5.0		234.7	91.1	282
DEADWEIGHT	CONSTRUCTION		MATERIAL		REGISTERED	CLASSIFICATION SOCIETY	DISPLACEMENT TONS	No. of Masts
-	0.58 Clincher		Iron		Sloop	L.R.	107	One
DATES	Order 28 Dec 1878			Kel Lay	-	Launch 28 Apr 1879	Delivery 24 May 1879	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 25 50 INCHES					STROKE 4.5 FT.		PROPULSION MODE Paddles	
N.H.P. 120	I.H.P. DESIGN RPM			DESIGN SPEED		CONDENSER COOLING SURFACE 1204 SQ. FT.		
EXPANSION RATIO 6.64		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{12.5}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.0}$			
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical (D.E.)			Working : main 75 Pressure : auxiliary - p.s.i.			
Dimensions D x L 10.8 x 15.75 ft				Total Heating Surface 1910 Sq Ft		Total Grate Area 66 Sq Ft		
Steam Space Volume 512 cubic feet				Furnaces: ^{total} no 4 : dia 3 ft 0 inches : length 6 ft 0 inches				
Boiler Tubes: Diameter $3\frac{1}{4}$ inches : length 6 ft 0 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Paddle Wheels - Feathering - 13 ft 0 in mean diameter. 9 floats 6 ft x 2 ft x 2 1/2 inches.								
Engine main bearings 8 3/4 dia. Paddle bearings 9 in dia.								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 247		Tons: Draught 4.92 ft.		Cb - 0.516		Speed - 14 Knots		
I.H.P. 594		R.P.M. 44		Steam Pressure at Engine 70 p.s.i.		Vacuum 28 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 8800				Net Profit £ 741.				
CAREER								
Initial Trade: Pleasure Steamer.								
1913 - Sold to Messrs. Cosens.								
1932 - Converted to floating restaurant & dance hall.								
made trips from Westminster Bridge down Thames								
and up Thames to Richmond.								
1933 - Machinery removed - Anchored off Margate.								
1934 - Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht ULVA.		SHIP No	186	DELIVERY YEAR
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	Fred. Alers Hankey. Chertsey, Surrey.		ENGINE No	239	1879
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	162.0	21.0	15.0	12.18		254.7	173.2
DISPLACEMENT	498		Deadweight				
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
—	0.42	Carvel.	Iron.	Schooner	L.R.	120	2
DATES	Order	Kael Lay	Launch 19 Apr 1879		Delivery 5 Jun 1879		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion (Tandem)			
CYLINDER DIAMETERS - 19 38 INCHES				STROKE 2.0 FT.		PROPULSION MODE Screw	
N.H.P. 70	I.H.P. DESIGN RPM	DESIGN SPEED 11.08 KNOTS		CONDENSER COOLING SURFACE 665 SQ. FT.			
EXPANSION RATIO 6.4	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = 14.4$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = 14.4$				
No of Boilers: main 1	: auxiliary —		TYPE: Oval		Working Pressure: main 75 p.s.i. : auxiliary		
Dimensions 14.0h x 8.5w x 9.5 l ft		Total Heating Surface 962 Sq. Ft.		Total Grate Area 39 Sq. Ft.			
Steam Space Volume 303 cubic feet		Furnaces: total no 2 : dia 3 ft. 3 inches : length 6 ft. 6 inches					
Boiler Tubes: Diameter 3 $\frac{1}{4}$ inches : length ft		inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH		LH: Dia 9.5 ft : pitch 11.0 ft		No. of blades 4		built : solid : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — 6, 6, 6. inches							
Electric Generators: No. — : — K.W. each: Voltage —							
TRIAL INFORMATION							
Displacement 350 Tons		Draught 12.0 ft		Cb —		Speed — 11.1 Knots	
I.H.P. 277 R.P.M. 99		Steam Pressure at Engine 69 p.s.i.		Vacuum 27 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 11885				Net Profit £ 1709.			
CAREER							
Initial Trade:							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht GRIFFIN.	SHIP No 187	DELIVERY YEAR
Scott & Co C.D.	Pleasure Yacht	SHIP OWNER	C.E. Dashwood. Whirstead Park Suffolk.	ENGINE No 241	1879

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	120.0	16.5	11.0	9.0		110.8	75.34	209	-
SALE CAPACITY (cubic feet)	C _D	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
-	0.41	Clincher & Carvel.	Iron	Schooner	-	47.2	2		
DATES	Order	-	Keel Lay	-	Launch 10 Jun 1879	Delivery 17 Jun 1879.			
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-	

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion (Tandem.)			
CYLINDER DIAMETERS - 12½ 24 INCHES				STROKE 1.75 FT.		PROPULSION MODE Screw	
N.H.P. 40		I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE 328 SQ. FT.	
EXPANSION RATIO 6.4		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.4}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.4}$			
No of Boilers: main 1		: auxiliary -		TYPE: Oval 9.8		Working Pressure: main 70 p.s.i. : auxiliary	
Dimensions 10.5 h x 6.75 w x 7.92 l ft				Total Heating Surface 572 Sq. Ft.		Total Grate Area 21 Sq. Ft.	
Steam Space Volume 140 cubic feet				Furnaces: total no 2 : dia 2 ft 4 inches : length 5 ft 6 inches			
Boiler Tubes: Diameter 3 inches : length ft inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s): No. 1 [✓] RH LH: Dia 7.33 ft : pitch 8.0 ft : No. of blades 4				built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				4½ 4¼ 4½		inches	
Electric Generators: No. - : -				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement	152	Tons	Draught	9.0	ft	: Cb	-	: Speed	9.8	Knots
I.H.P	130	R.P.M.	118.5	Steam Pressure at Engine	78	p.s.i.	: Vacuum	27	inches	Hg

CONTRACT OUTCOME

Invoice Price	£ 6665.	Net Profit	£ 823.
CAREER			
Initial Trade:	Pleasure Yachting.		
	Owned by C.E. Dashwood until 1889.		
	"	Hon. Lady Murray	- 1898
	"	Ch. Michelsen, Bergen	- 1909-15 as 'Spovt'

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Yacht EAGLE		SHIP No	190	DELIVERY YEAR		
Scott & Co C.D.	Pleasure Yacht.	SHIP OWNER	Count G. Stackleberg. St. Petersburg		ENGINE No	244.	1879		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	84.0	12.5	9.5	7.25		46.95	31.93	97.0	
SALE CAPACITY	G ₆	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts
-	0-408	Clincher & Carvel	Iron.		Schooner			-	2
DATES	Order		Keel Lay		Launch 7 Jul. 1879		Delivery 7 Jul 1879.		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 9 18 INCHES					STROKE 1.25 FT.		PROPULSION MODE Screw		
N.H.P. 25	I.H.P. DESIGN RPM		DESIGN SPEED		7.7 KNOTS		CONDENSER COOLING SURFACE 167 SQ. FT.		
EXPANSION RATIO 6.4	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/10.2		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/10.2		
No of Boilers: main 1	: auxiliary -		TYPE: Oval.			Working Pressure: main 75 p.s.i. : auxiliary -			
Dimensions 9.0 h x 4.0 w x 6.85 l ft			Total Heating Surface		334 Sq. Ft.		Total Grate Area 11.3 Sq. Ft.		
Steam Space Volume 56.5 cubic feet			Furnaces: total no 1 : dia 2 ft 10 inches : length 5 ft 0 inches						
Boiler Tubes: Diameter - inches : length - ft - inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 6.33 ft: pitch 6.5 ft: No. of blades 4			built solid <input checked="" type="checkbox"/>		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-			3 1/2 3 1/2 3 1/2		inches				
Electric Generators: No. -			K.W. each: Voltage -						
TRIAL INFORMATION									
Displacement - Tons			Draught 7.25 ft		Cb -		Speed - 7.7 Knots		
I.H.P. 74			R.P.M. 111.8		Steam Pressure at Engine 76 p.s.i.		Vacuum 27. inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 3600					Net Profit £ 312.				
CAREER									
Initial Trade: Pleasure Yachting.									
Maiden voyage to St. Petersburg was via the Caledonian Canal									
with one stop at Copenhagen for coaling. Vessel under command									
of Captain Warden & local crew.									
Later she became 'Grande Duchesse Marie Pavlova' remaining									
with Count Stackleberg until 1910.									
Owned by Gustavus Pratt London 1911-15.									
After 1918 became a fishing vessel.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GANYMEDE		SHIP No	189		DELIVERY YEAR
Scott & Co CO.	General Cargo	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	242		1879
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	165.0	28.0	11.5	9.2		404.7	236.5	692
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
38060	0.58	Clincher	Iron		Smack		192	One
DATES	Order		Keel Lay		Launch 7 Aug 1879		Delivery 9 Sept 1879	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Single Cylinder Vertical.			
CYLINDER DIAMETERS - 21 INCHES					STROKE 2.83 FT.		PROPULSION MODE Screw.	
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		9.5 KNOTS		CONDENSER COOLING SURFACE 820 SQ. FT.	
EXPANSION RATIO 4.53	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{7.5}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{6.8}$					
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical		Working : main 80 Pressure : auxiliary p.s.i.		
Dimensions D x L 11.0 x 10.5 ft			Total Heating Surface		978 Sq. Ft.		Total Grate Area 44 Sq. Ft.	
Steam Space Volume 372 cubic feet			Furnaces: ^{total} no 2 : dia 3 ft 8 inches : length 7 ft 0 inches					
Boiler Tubes : Diameter ^{o.d.} 3 1/2 inches : length 7 ft 0 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{RH} LH: Dia 8.5 ft : pitch 11.5 ft			No. of blades 4		built solid <input checked="" type="checkbox"/>		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 8, 7 1/2, 8 inches								
Electric Generators : No. - : - K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb - -		: Speed - 9 1/2 Knots		
I.H.P. 238		R.P.M. 98		Steam Pressure at Engine		80 p.s.i. : Vacuum		26 inches Hg
CONTRACT OUTCOME								
Invoice Price £ 10193				Net Profit £ 312.				
CAREER								
Initial Trade: Tobacco from Sumatra to Singapore								
1894 - Transferred to N.S.M.O.								
1907 - Hulked at Belawan Deli.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LAERTES.		SHIP No	191	DELIVERY YEAR	1879
Scott & Co. C.D.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	245		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	318.8	34.0	26.77	21.4		2148	1391	4233
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED IRON WEIGHT - TONS	No. of MASLS
137 735	0.635	Clincher	Iron		Schooner	-	1062	2
DATES	Order 18 June 1879		Keel Lay -		Launch 2 Dec 1879		Delivery 13 Dec 1879	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor - Mvs. C. Mumme.	
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 24½ 56 INCHES					STROKE 4.33 FT.		PROPULSION MODE Screw.	
N.H.P. 300	I.H.P. DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1691 SQ. FT.	
EXPANSION RATIO	5.9	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/28		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/24.8
No of Boilers: main	1	: auxiliary	-	TYPE: Oval (D.E.)		Working Pressure: main 75 p.s.i. auxiliary		
Dimensions 14.17h x 12.0w x 24.0l ft				Total Heating Surface		3570 Sq. Ft.		Total Grate Area 162 Sq. Ft.
Steam Space Volume 743 cubic feet				Furnaces: total no 6 : dia 3 ft 4 inches : length 5 ft 1½ inches				
Boiler Tubes: Diameter 4 inches : length 9 ft 0 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 RH LH: Dia 15.75 ft : pitch 22.5 ft : No. of blades 4				built: solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 12, 11, 12 inches								
Electric Generators: No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement		Tons : Draught		ft. : Cb -		Speed -		Knots
I.H.P. 777		R.P.M. 50		Steam Pressure at Engine 73 p.s.i. : Vacuum 27 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 37542				Net Profit £ 4260				
CAREER								
Initial Trade:								
November 1894 - Transferred to N. S. M. O.								
1901 - Reverted to Ocean S.S. Co.								
1903 - Sold to Hung Hing S.S. Co. Hong Kong.								
1917 - Lost in collision in Malacca Strait sailing in ballast Rangoon - Singapore								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CYCLOPS.	SHIP No 192	DELIVERY YEAR
Scott & Co CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.	ENGINE No 247	1880.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	318.8	34.0	26.77	21.4		2167	1403	4233	2572
SALE CAPACITY GROSS TONS	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
137735	0.635	Clincher	Iron		Schooner	-	1062	2	
DATES	Order 18 Oct 1879			Keel Lay	-	Launch 24 Apr 1880	Delivery 6 May 1880		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor	-		

MACHINERY

SUPPLIER Greenock Foundry Co.			TYPE Steam Compound Expansion.		
CYLINDER DIAMETERS - 24½ 56 INCHES			STROKE 4.33 FT.		PROPULSION MODE Screw.
N.H.P. 300	I.H.P. DESIGN RPM	DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1691 SQ. FT.	
EXPANSION RATIO 5.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{28}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{24.8}$		
No of Boilers: main 1 : auxiliary -		TYPE: Oval (D.E.)		Working : main 75 Pressure : auxiliary p.s.i.	
Dimensions: 14.17h x 12.0w x 24.0l ft		Total Heating Surface 3570 Sq. Ft.		Total Grate Area 102 Sq. Ft.	
Steam Space Volume 743 cubic feet		Furnaces: ^{total} no 6 : dia 3 ft 4 inches : length 5 ft 1½ inches			
Boiler Tubes : Diameter ^{o.d} 4 inches : length 9 ft 0 inches			Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 ^{RH} LH: Dia 15.75 ft : pitch 22.5 ft : No. of blades 4		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-			12, 11, 12 inches		
Electric Generators : No. - : -			K.W. each : Voltage -		

TRIAL INFORMATION

Displacement	Tons: Draught	ft: C _b -	: Speed -	Knots
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i.: Vacuum	inches Hg

CONTRACT OUTCOME

Invoice Price £ 37285.	Net Profit £ 2357.
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CAREER

Initial Trade:

1895 - Transferred to N.S.M.O.

Jan 1902 - Sold to become 'Iberia' - A. Lupogesulfo, Montevideo.

1904 - Broken up at Montevideo.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DRAGUT.				SHIP No	DELIVERY YEAR	
Scott & Co. C.D.	General Cargo.	SHIP OWNER	Compagnie Generale Transatlantique Paris.				ENGINE No 251.	1880	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	181.0	25.0	17.5	14.0		533	312	1164	646
RAIL CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
19019	0.643	Clincher	Iron		Schooner	-	265	2	
DATES	Order 13 Feb. 1880			Keel Lay	-	Launch 24 May 1880		Delivery 19 Jun 1880	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 25 50 INCHES					STROKE 2.5 FT.		PROPULSION MODE		Screw: 1700
N.H.P. 80	I.H.P. DESIGN RPM			DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE		1200 SQ. FT.
EXPANSION RATIO	5.84	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14.8}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.4}$				
No of Boilers: main 2 : auxiliary			TYPE: Oval			Working Pressure: main 75 p.s.i. : auxiliary			
Dimensions 14.52h x 8.5w x 9.19l ft				Total Heating Surface		2121 Sq. Ft.	Total Grate Area		71 Sq. Ft.
Steam Space Volume 717 cubic feet				Furnaces: ^{total} no 4 : dia 3 ft 3 inches : length 5 ft 6 inches					
Boiler Tubes: Diameter ^{o.d.} 3 inches : length 6 ft 0 inches				Fuel Cool		Draught: ^{Natural} Forced			
Propeller(s): No. 1 ^{RH} LH: Dia 10.0 ft: pitch 14.0 ft: No. of blades 4				built: solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				8½ 7½ 8½		inches			
Electric Generators: No. - : -				K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement 680 Tons: Draught 9.84 ft: Cb - 0.535				: Speed - 11.8 Knots					
I.H.P. 550 RPM. 92				Steam Pressure at Engine 84 p.s.i.:		Vacuum 25 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 17633				Net Profit £ 1349					
CAREER									
Initial Trade: Mediterranean Coastal.									
1880 Entered service with C.G.T. in Mediterranean.									
1907 Sold. Renamed Mafalda.									
1925 Resold to Stratopoulos, Greece and renamed Argo.									
1928 Ex. L.R.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MUSTAPHA BEN ISMAIL		SHIP No	197		DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	Compagnie General Transatlantique, Paris		ENGINE No	252		1880
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	181.0	25.0	17.5	14.0		532	311	1164
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
19019	0.643	Clincher	Iron		Schooner.	-	265	2
DATES	Order 13 Feb 1880		Keel Lay		Launch 7 Jun 1880		Delivery 28 Jun 1880	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 25 50 INCHES					STROKE 2.5 FT.	PROPULSION MODE Screw		
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1200 SQ. FT.	
EXPANSION RATIO 5.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14.8}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.4}$					
No of Boilers: main 2		auxiliary -		TYPE: Oval		Working Pressure: main 75 p.s.i. auxiliary -		
Dimensions: 14.52h x 8.5w x 9.19l ft			Total Heating Surface 2121 Sq. Ft.			Total Grate Area 71 Sq. Ft.		
Steam Space Volume 717 cubic feet			Furnaces: total no 4 : dia 3 ft 3 inches : length 5 ft 6 inches					
Boiler Tubes: Diameter 3 inches : length 6 ft 0 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{RH} LH: Dia 10.0 ft : pitch 14.0 ft : No. of blades 4 built solid : material								
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 $\frac{1}{2}$ 7 $\frac{7}{8}$ 8 $\frac{1}{4}$ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 658 Tons: Draught 9.63 ft.: C _b - 0.529 : Speed - 11.8 Knots								
I.H.P. 624 R.P.M. 92 Steam Pressure at Engine 84 p.s.i.: Vacuum 25 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 17633 Net Profit £ 1349								
CAREER								
Initial Trade: Mediterranean Coastal.								
1880. Entered service with C.G.T. in Mediterranean.								
1906. Sold to Destouni & Yannoulatos, Argostoli. Greece.								
1912. Wrecked.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BELLEROPHON.		SHIP No	193	DELIVERY YEAR	
Scott & Co CD	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	248	1880	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	318.8	34.0	26.77	21.4		2155	1396	4233
SALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED IRON WEIGHT - TONS	No. of Masts
137,735	0-635	Clincher	Iron		Schooner	-	1062	2
DATES	Order 18 Oct. 1879		Keel Lay		Launch 12 Jun 1880		Delivery 17 Jul 1880	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 27 56 INCHES					STROKE 4.33 FT.		PROPULSION MODE Screw.	
N.H.P. 300	I.H.P. DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1691 SQ. FT.	
EXPANSION RATIO	6.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{28}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{24.8}$				
No of Boilers: main	1	: auxiliary	-		TYPE: Oval (D.E.)		Working : main 75 Pressure : auxiliary p.s.i.	
Dimensions 14.17 h x 12.0 w x 24.0 l ft			Total Heating Surface			3570 Sq Ft		Total Grate Area 102 Sq. Ft.
Steam Space Volume 743 cubic feet			Furnaces: total no 6 : dia ft inches : length ft inches					
Boiler Tubes: Diameter 4 inches : length 9 ft 0 inches			Fuel Coal			Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH			LH: Dia 15.75 ft : pitch 22.5 ft : No. of blades 4			built : solid : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 12 11 12 inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		: Speed -		Knots
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 37285.				Net Profit £ 2357.				
CAREER								
Initial Trade:								
Aug. 1893 - Jan 1898 - with N.S.M.O.								
1898 - Sold to Manakani Toshiro, Uraga.								
1900 - Sold to become Japanese - Nitto Maru.								
4 th April 1915 - Wrecked at the mouth of Tanagawa, Chiba prefecture								
on passage. Otaru to Nagoya with timber & general								
cargo.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LA VALETTE.		SHIP No	198		DELIVERY YEAR
Scott & Co CD.	General Cargo.	SHIP OWNER	Compagnie Generale Transatlantique Pavis		ENGINE No	253		1880
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	181.0	25.0	17.5	14.0		533	302	1164
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOKED IRON WEIGHT - TONS	No. of Masts
19019	0.643	Clincher	Iron		Schooner	-	265	2
DATES	Order 13 Feb. 1880		Keel Lay		Launch 3 Aug 1880		Delivery 24 Aug. 1880	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 25 + 50 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 80	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1200 SQ. FT.	
EXPANSION RATIO	5.84	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.8}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.4}$			
No of Boilers: main 2 : auxiliary -		TYPE: Oval			Working Pressure: main 75 p.s.i. auxiliary -			
Dimensions 14.52h x 8.5w x 9.19l ft			Total Heating Surface		2121 Sq. Ft.		Total Grate Area 71 Sq. Ft.	
Steam Space Volume 717 cubic feet			Furnaces: total no 4 : dia 3 ft 3 inches : length 5 ft 6 inches					
Boiler Tubes: Diameter 3 inches : length 6 ft 0 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{VRH} LH: Dia 10.0 ft : pitch 14.0 ft : No. of blades 4 built solid : material								
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/4 7 3/8 8 1/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 650 Tons : Draught 9.5 ft : Cb - 0.529 : Speed - 11.8 Knots								
I.H.P. 506 R.P.M. 92 Steam Pressure at Engine 84 p.s.i. : Vacuum 25 inches Hg								
CONTRACT OUTCOME								
Invoice Price £17633					Net Profit £1349			
CAREER								
Initial Trade: Mediterranean Coastal:								
1880 - Entered Service with C.G.T in Mediterranean.								
1889 - Lost by running aground.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HOIHOW.		SHIP No	194	DELIVERY YEAR	1880
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	249		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	248.0	31.0	24.25	19.35		1411	896	3032
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
83954	0.713	Clincher	Iron		Schooner	-	627	2
DATES	Order	Keel Lay		Launch 19 Aug 1880		Delivery 27 Sept 1880		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor				
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 28 56 INCHES					STROKE 3.5 FT.	PROPULSION MODE Screw		
N.H.P. 160	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1491 SQ. FT.		
EXPANSION RATIO 5.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.5}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{19.3}$					
No of Boilers: main 2	auxiliary -	TYPE: Oval		Working Pressure: main 70 p.s.i.		auxiliary -		
Dimensions 14.83h x 10.5w x 9.75l ft				Total Heating Surface 2485 Sq. Ft.	Total Grate Area 97.5 Sq. Ft.			
Steam Space Volume 746 cubic feet				Furnaces: total no 4 : dia 3 ft 0 inches : length 6 ft 6 inches				
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal	Draught: Natural Forced			
Propeller(s) : No. 1 ✓ RH LH: Dia 14.0 ft : pitch 17.0 ft : No. of blades 4				built : solid	material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				9 3/4 9 1/2 9 3/4 inches				
Electric Generators : No. - : -				K.W. each : Voltage -				
TRIAL INFORMATION								
Displacement - Tons : Draught - ft : Cb - -				Speed - 10.6 Knots				
I.H.P. 713 RPM. 65.4				Steam Pressure at Engine 72 p.s.i. : Vacuum - 26 1/2 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 26000				Net Profit £ 3552				
CAREER								
Initial Trade: Initiated C.N. Co trade to New Zealand via Australia.								
First north bound cargo - Chinese bodies for burial in China.								
October 1922 - sold to Chinese Shipbreakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KEELUNG.		SHIP No	DELIVERY YEAR	
Scott & Co CO.	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No 254	1880	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	248.0	31.0	24.25	19.35		1424	919
							Displacement
							3032
							Deadweight
							2062
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED / GROSS WEIGHT - TONS	No. of Masts
87120	0.713	Clincher	Iron	Schooner	-	637	2
DATES	Order	Keel Lay	Launch 23 Oct 1880		Delivery 11 Nov 1880		
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 28 56 INCHES				STROKE 3.5 FT.		PROPULSION MODE Screw	
N.H.P. 160	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1491 SQ. FT.	
EXPANSION RATIO 5.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.5}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19.3}$				
No of Boilers: main 2	: auxiliary -	TYPE: Oval		Working Pressure: main 70 p.s.i.		auxiliary -	
Dimensions 14.83h x 10.5w x 9.75l ft		Total Heating Surface 2485 Sq. Ft.		Total Grate Area 97.5 Sq. Ft.			
Steam Space Volume 746 cubic feet		Furnaces: total no 4 : dia 3 ft 0 inches : length 6 ft 6 inches					
Boiler Tubes: Diameter - inches : length - ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH		LH: Dia 14.0 ft : pitch 17.0 ft : No. of blades 4		built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 9 ³ / ₄ 9 ¹ / ₄ 9 ³ / ₄ inches							
Electric Generators: No. - : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement - Tons		Draught - ft		Cb -		Speed - Knots	
I.H.P. 709 R.P.M. 65.4 Steam Pressure at Engine 65 p.s.i. : Vacuum 26 ¹ / ₂ inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 24000				Net Profit £ 1326.			
CAREER							
Initial Trade: China Coaster.							
9 th October 1884 - Wrecked on Dodd Island							
on voyage Swatow / Shanghai.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PAK HOI		SHIP No	195	DELIVERY YEAR	
Scott & Co C.D.	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No	250	1880	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	248-0	31-0	24-25	19-35		1408	893	3032
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts
83954	0-713	Clincher	Iron		Schooner	-	627	2
DATES	Order		Keel Lay		Launch 20 Sept 1880		Delivery 17 Nov. 1880.	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 20 56 INCHES					STROKE 3.5 FT.		PROPULSION MODE Screw	
N.H.P. 160	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1491 SQ. FT.	
EXPANSION RATIO 5.9	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{18.5}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{19.3}$	
No of Boilers: main 2		: auxiliary -		TYPE: Oval.		Working Pressure: main 70 p.s.i. : auxiliary -		
Dimensions 14.83h x 10.5w x 9.75l ft		Total Heating Surface 2485 Sq. Ft.		Total Grate Area 97.5 Sq. Ft.				
Steam Space Volume 746 cubic feet		Furnaces: total no 4 : dia 3 ft 0 inches : length 6 ft 6 inches						
Boiler Tubes: Diameter - inches : length - ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1		RH LH: Dia 14.0 ft : pitch 17.0 ft		No. of blades 4		built: solid : material -		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 9 $\frac{3}{4}$ 9 $\frac{1}{4}$ 9 $\frac{3}{4}$ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 2810		Tons: Draught 18.83 ft: Cb - 0.679 : Speed - 9.92 Knots						
I.H.P 757		R.P.M. 67		Steam Pressure at Engine 75 p.s.i.:		Vacuum 26 inches Hg		
CONTRACT OUTCOME								
Invoice Price £26000				Net Profit £3552				
CAREER								
Initial Trade: China Coaster.								
5 th November 1881 - Wrecked entering Amoy on voyage Shanghai / Amoy.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD.	General Cargo	S.S. TAMSUI.	200	1880
		SHIP OWNER China Navigation Co. London	ENGINE No 255	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	248.0	31.0	24.25	19.35		1424	919	3032	2062
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
87120	0.713	Clincher	Iron	Schooner	-	637	2		
DATES	Order	Keel Lay			Launch 18 Nov 1880	Delivery 16 Dec 1880			
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor -					

MACHINERY

SUPPLIER Greenock Foundry Co.			TYPE Steam Compound Expansion.		
CYLINDER DIAMETERS - 28 56 INCHES			STROKE 3.5 FT.		PROPULSION MODE Screw
N.H.P. 160	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS	
CONDENSER COOLING SURFACE 1491 SQ. FT.					
EXPANSION RATIO 5.9		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.5}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{19.3}$	
No of Boilers: main 2 : auxiliary -		TYPE: Oval.		Working Pressure : main 70 : auxiliary p.s.i.	
Dimensions 14.83h x 10.5w x 9.75ft		Total Heating Surface 2485 Sq. Ft.		Total Grate Area 97.5 Sq. Ft.	
Steam Space Volume 746 cubic feet		Furnaces: ^{total} no 4 : dia 3 ft 0 inches : length 6 ft 6 inches			
Boiler Tubes : Diameter - inches : length - ft - inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 ^{✓RH} LH: Dia 14.0 ft : pitch 17.0 ft : No. of blades 4		built : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-		9 ³ / ₄ 9 ¹ / ₄ 9 ³ / ₄		inches	
Electric Generators : No. - :		K.W. each : Voltage -			

TRIAL INFORMATION

Displacement 1310	Tons: Draught 10.5 ft: Cb - 0.568	Speed - 11.4 Knots
I.H.P. 764 R.P.M. 70.8	Steam Pressure at Engine 74 p.s.i.:	Vacuum 26 $\frac{3}{8}$ inches Hg

CONTRACT OUTCOME

Invoice Price £ 24000	Net Profit £ 1326
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CAREER

Initial Trade: China Coaster.

24th August 1919. Stranded and capsized 20 miles below

Hankow in Hukwang Channel of the Yangtse River on voyage Hankow/Swatow

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. VESTA		SHIP No	20112	DELIVERY YEAR	
Scott & Co. CO.	General Cargo	SHIP OWNER	(Rathbone Bros) Star Navigation Co. Liverpool		ENGINE No	256	1881	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	365.0	39.0	28.6	22.85		3055	1995	6445
SALE CAPACITY	G	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts
202346	0693	Clincher	Iron	Schooner	B.O.T.	1694	2	
DATES	Order	Keel Lay	Launch 30 Apr 1881			Delivery 16 Jun 1881		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor				
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 33 76 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw		
N.H.P. 400	I.H.P. DESIGN RPM	DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE 2518 SQ. FT.				
EXPANSION RATIO 6.38	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{25.8}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{29.0}$					
No of Boilers: main 2	auxiliary -	TYPE: Cylindrical (D.E.)			Working Pressure: main 90 p.s.i. auxiliary -			
Dimensions: 14.08h x 11.92w x 23.56l ft				Total Heating Surface 6370 Sq. Ft.		Total Grate Area 195 Sq. Ft.		
Steam Space Volume 1840 cubic feet				Furnaces: total no 12 : dia 3 ft 3 inches : length 5 ft 10 inches				
Boiler Tubes : Diameter - inches : length - ft - inches				Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1 [✓] RH LH : Dia 17.5 ft : pitch 22.0 ft : No. of blades 4				built solid		material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				15, 13½, 14½ inches				
Electric Generators : No. -				K.W. each : Voltage -				
TRIAL INFORMATION								
Displacement - Tons : Draught - ft : Cb -				Speed - Knots				
I.H.P. 1902 R.P.M. 64				Steam Pressure at Engine 85 p.s.i. : Vacuum 26 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 57965				Net Profit £ 3681				
CAREER								
Initial Trade: Liverpool - South America								
September 1898. - Wrecked Catalinita Is., San Domingo								
on voyage Liverpool - Colon - Vera Cruz								
with cargo of coal & general cargo.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co. CO.	General Cargo	S.S. CAVOUR.	202	1881
		(Lampert & Holt, Liverpool) Liverpool, Brazil & River Plate Steam Nav. Co	ENGINE No 259	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	208.0	32.0	13.17	10.55		632.5	396.3	1282	667
SALE CAPACITY under Deck	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	SHOULDER IRON WEIGHT - TONS	No. of Masts		
36840	0.634	Clincher	Iron.	Schooner	-	361	2		
DATES	Order Jan 1881		Keel Lay		Launch 1 Jun 1881		Delivery 1 Jul 1881		
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -				

MACHINERY

SUPPLIER Greenock Foundry Co.			TYPE Steam Compound Expansion Vert.		
CYLINDER DIAMETERS - 23 50 INCHES			STROKE 2.5 FT.		PROPULSION MODE Screw.
N.H.P. 100	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS		CONDENSER COOLING SURFACE SQ. FT.
EXPANSION RATIO 5.8	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{22.3}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{20.66}$		
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical		Working Pressure : main 80 p.s.i. auxiliary	
Dimensions DxL 13.0 x 11.33 ft		Total Heating Surface 1684 Sq. Ft.		Total Grate Area 60 Sq. Ft.	
Steam Space Volume 451 cubic feet		Furnaces : total no 3 : dia 3 ft 4 inches : length 8 ft 4 1/2 inches			
Boiler Tubes : Diameter o.d. 4 inches : length 8 ft 4 inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH LH: Dia 9.08 ft : pitch 13.0 ft		No. of blades 4		built : solid : material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/2 8 8 1/2 inches					
Electric Generators : No. - : - K.W. each : Voltage -					

TRIAL INFORMATION

Displacement	Tons	Draught	ft.	Cb	Speed	Knots
I.H.P. 763	R.P.M. 136	Steam Pressure at Engine	74	p.s.i.	Vacuum 25	inches Hg

CONTRACT OUTCOME

Invoice Price £ 14065	Net Profit £ 347.
CAREER	
Initial Trade: Liverpool - South America.	
1891 - Sold to Lage Irmaos, Rio de Janeiro, - renamed 'Itapeva'	
1896 - " Cia Nacional de Nav. Costeira. Brazil.	
1898 - " Brazilian Lighthouse Service, renamed 'Commandante Freitas'	
1936 Broken up at Rio.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. MARCO AURELIO.		SHIP No	203	DELIVERY YEAR		
Scott & Co CD.	Cattle Transporter	SHIP OWNER	William Binney London		ENGINE No	260	1881		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	210.0	32.0	15.25	15.3		725.3	411.4	1015	315
BALL CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		ROGED	CLASSIFICATION SOCIETY		INVOICED IRON WEIGHT - TONS	No. of Masts
—	0.553	Clincher	Iron		Schooner	B.V.		321	2
DATES	Order Jan 1881		Keel Lay 29 Jan 1881		Launch 16 Jul 1881		Delivery 22 Aug 1881		
Passengers Carried	1st Cl	—	2nd Cl	—	3rd Cl	—	Launch Sponsor		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 33 62 INCHES					STROKE 4.5 FT.		PROPULSION MODE Paddles		
I.H.P. 200		I.H.P. DESIGN RPM.		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1612 SQ. FT.	
EXPANSION RATIO 4.68		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{26.7}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{38.4}$			
No of Boilers: main 2		: auxiliary —		TYPE: Cylindrical			Working Pressure: main 75 p.s.i. : auxiliary —		
Dimensions D x L 12.25 x 9.75 ft				Total Heating Surface 2600 Sq Ft		Total Grate Area 100 Sq Ft			
Steam Space Volume 632 cubic feet				Furnaces: ^{total} no 6 : dia 3 ft 6 inches : length 6 ft 8 1/2 inches					
Boiler Tubes : Diameter 3 1/2 inches : length 6 ft 8 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Paddle Wheels - Feathering - 13 ft. 7 1/4 in mean diameter : 9 floats.									
Electric Generators : No. — : K.W. each : Voltage —									
TRIAL INFORMATION									
Displacement —		Tons : Draught 10.67 ft. : Cb —		Speed — 10.85 Knots					
I.H.P. 864		R.P.M. 43.65		Steam Pressure at Engine 70 p.s.i. :		Vacuum 24 1/4 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 22940					Net Profit £ 2513.				
CAREER									
Initial Trade: American Cattle trade - Cuba, Honduras.									
later became Merida									
Rover									
1910-11 - Antonin del Collado - J. Alonso, Havana, Cuba.									
fitted with all latest appliances for ventilation & watering livestock.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S MORRO.	SHIP No 205	DELIVERY YEAR
Scott & Co CD	General Cargo.	SHIP OWNER	Pacific Steam Navigation Co. Liverpool.	ENGINE No 263	1881

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	125.0	23.0	8.5	6.83		170.12	69.29	344	82
SALE CAPACITY under Deck	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
5201	0.613	Clincher	Steel		Schooner	-	110	2	
DATES	Order 5 Feb. 1881			Keel Lay		Launch 22 Aug 1881		Delivery 16 Sept. 1881	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 15 30 INCHES				STROKE 1.75 FT.		PROPULSION MODE Twin Screw	
N.H.P. 90		I.H.P. DESIGN RPM		DESIGN SPEED KNOTS		CONDENSER COOLING SURFACE 932 SQ. FT.	
EXPANSION RATIO 5.76		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{9}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14}$			
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 100 auxiliary p.s.i.	
Dimensions DxL 12.5 x 10.04 ft				Total Heating Surface 1196 Sq. Ft.		Total Grate Area 50.2 Sq. Ft.	
Steam Space Volume 351 cubic feet				Furnaces: ^{total} no 3 : dia 3 ft 0 $\frac{1}{4}$ inches : length 6 ft 9 inches			
Boiler Tubes : Diameter ^{o.d.} 3 $\frac{3}{4}$ inches : length 6 ft 9 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 5.75 ft : pitch 12.5 ft : No. of blades 4				built solid <input checked="" type="checkbox"/>		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				5 $\frac{1}{2}$ 5 $\frac{1}{2}$ 5 $\frac{1}{2}$		inches	
Electric Generators : No. - : -				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement	201	Tons	Draught	5.5	ft.	Co -	0.445	Speed -	11.08	Knots
I.H.P	596	R.P.M.	154	Steam Pressure at Engine	75	p.s.i.	Vacuum	25	inches	Hg

CONTRACT OUTCOME

Invoice Price	£ 10700	Net Profit -	£ 453
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CAREER

Initial Trade:

Became Araucanito.

1910-23 Aramac . - J.J. McAuliffe, Coquimbo, Chile.

1923-4 Ex. L.R.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. OSORNO.		SHIP No	206	DELIVERY YEAR	1881
Scott & Co CD.	General Cargo	SHIP OWNER	Pacific Steam Navigation Co. Liverpool.		ENGINE No	264		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	175.0	27.0	14.67	11.75		532.3	308.3	1064
DEADWEIGHT	C _B		CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
28000	0.67		Clincher	Steel	Schooner	-	247	3
DATES	Order 5 Feb. 1881		Keel Lay 3 Aug 1881		Launch 1-Oct 1881		Delivery 28 Oct 1881	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor - Miss Hardy.	
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion - Vert.				
CYLINDER DIAMETERS - 15 30 INCHES				STROKE 1.75 FT.		PROPULSION MODE Twin Screw.		
N.H.P. 90	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 932 SQ. FT.	
EXPANSION RATIO 5.76	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{9}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{14}$	
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical.			Working Pressure: main 100 : auxiliary p.s.i.		
Dimensions D x L 12.5 x 10.04 ft			Total Heating Surface 1196 Sq. Ft.		Total Grate Area 50.2 Sq. Ft.			
Steam Space Volume 351 cubic feet			Furnaces: total no 3 : dia 3 ft 0 $\frac{1}{4}$ inches : length 6 ft 9 inches					
Boiler Tubes: Diameter 3 $\frac{3}{4}$ inches : length 6 ft 9 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 5.75 ft : pitch 12.5 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 5 $\frac{1}{2}$ 5 $\frac{1}{2}$ 5 $\frac{1}{2}$ inches								
Electric Generators: No. - : K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement 638 Tons		Draught ft. : Cb -		Speed - 10.9 Knots				
I.H.P.	R.P.M. 145	Steam Pressure at Engine 81 p.s.i.		Vacuum 25.8 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 16000				Net Profit £ 78				
CAREER								
Initial Trade:								
1899 - Sold to the Nicaraguan Govt.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD.	Coaster Ferry	S.S. PHUOC KIEN	209	1881
		SHIP OWNER	ENGINE No	
		Messageries Fluviales de Cochinchine Saigon / Paris.	267	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	134.5	19.75	7.67	6.125		177.9	101.7	305	130
SALE CAPACITY (Gross Tons)	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYWIND IRON WEIGHT - TONS	No. of Masts		
8667	0.66	Clincher	Iron	Schooner		92	2		
DATES	Order	1881	Keel Lay	Launch	1881	Delivery	1881		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Compound Expansion.	Vert.
CYLINDER DIAMETERS -	15 27	INCHES	STROKE	1.25 FT.
PROPULSION MODE	Screw			
N.H.P. 40	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE 319 SQ. FT.
EXPANSION RATIO	5.0	RATIO	Air Pump Capacity L.P. Cylinder Volume = 17.2	RATIO S.W. Circ. Pump Capacity L.P. Cylinder Volume = 17.2
No of Boilers: main	1	: auxiliary	-	TYPE: Cylindrical
Working Pressure	main 71	auxiliary	-	p.s.i.
Dimensions D x L	8.44 x 8.0	ft	Total Heating Surface	557 Sq. Ft.
Total Grate Area	22.5	Sq. Ft.		
Steam Space Volume	149	cubic feet	Furnaces: total no	2
: dia	2 ft	3 inches	: length	5 ft 8 1/2 inches
Boiler Tubes: Diameter	3	inches	: length	5 ft 8 inches
Fuel Coal			Draught: Natural	✓
Propeller(s): No.	1	✓ RH	LH: Dia 5.0 ft	: pitch 7.0 ft
No. of blades	4	built solid	✓	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	4 1/2	4 1/4	4 1/2	inches
Electric Generators: No.	-	: K.W. each	: Voltage	-

TRIAL INFORMATION

Displacement	Tons	Draught	ft.	: Cb -	: Speed - 9.24 Knots
I.H.P. 185	R.P.M. 181.25	Steam Pressure at Engine	62.4	p.s.i. : Vacuum	25½ inches Hg

CONTRACT OUTCOME

Invoice Price	£43761	for ships 209-214 incl.	Net Profit	£3172	for ships.
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CAREER

Initial Trade:	River passenger trade - Saigon - Mekong delta.
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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CANTONNAIS.		SHIP No	210	DELIVERY YEAR	12
Scott & Co CD.	Coaster Ferry	SHIP OWNER	Messageries Fluviales de Cochinchine Saigon / Paris.		ENGINE No	268	1881	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	134.5	19.75	7.67	6.125		177.9	101.7	305
DEADWEIGHT	CONSTRUCTION		MATERIAL & P		REGISTERED	CLASSIFICATION SOCIETY		No. of Masts
8667	C		Clinker		Iron	Schooner		2
DATES	Order	1881	Kael Lay	Launch	1881	Delivery		1881
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 15 27 INCHES				STROKE 1.25 FT.		PROPULSION MODE Screw		
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 319 SQ. FT.	
EXPANSION RATIO 5.0	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/17.2		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/17.2	
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 71 : auxiliary - p.s.i.		
Dimensions D x L 8.44 x 8.0 ft				Total Heating Surface 557 Sq. Ft.		Total Grate Area 22.5 Sq. Ft.		
Steam Space Volume 149 cubic feet				Furnaces: total no 2 : dia 2 ft 3 inches : length 5 ft 8 1/2 inches				
Boiler Tubes: Diameter 3 inches : length 5 ft 8 inches				Fuel Coal		Draught: Forced		
Propeller(s): No. 1				RH LH: Dia 5.0 ft : pitch 7.0 ft : No. of blades 4		built : solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				4 1/2 4 1/4 4 1/2		inches		
Electric Generators: No. -				: K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement -		Tons: Draught -		ft: Cb -		: Speed - 8.1 Knots		
I.H.P. -		R.P.M. 160		Steam Pressure at Engine 61.4 p.s.i.:		Vacuum 25 1/2 inches Hg		
CONTRACT OUTCOME								
Invoice Price see ship 209				Net Profit see ship 209				
CAREER								
Initial Trade:				River passenger trade - Saigon - Mekong delta.				
Sold c. 1917.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co C.D.	Coaster Ferry	S.S. JEAN DUPUIS.	211	1881
		SHIP OWNER	ENGINE No	
		Messageries Fluviales de Cochinchine Saigon / Paris.	269	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	134.5	19.75	7.67	6.125		177.9	101.7	305	130
SALE CAPACITY	G	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	BYONOLD IRON WEIGHT - TONS	No. of Masts	
8667	0.66	Clincher	Iron		Schooner		92	2	
DATES	Order	1881	Kael Lay	Launch	1881	Delivery	1881		
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-	

MACHINERY

SUPPLIER Greenock Foundry Co.			TYPE Steam Compound Expansion.			Vert.				
CYLINDER DIAMETERS - 15 27			INCHES		STROKE 1.25		FT. PROPULSION MODE Screw			
N.H.P. 40		I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 319 SQ. FT.		
EXPANSION RATIO 5.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.2}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.2}$						
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working : main 71 Pressure : auxiliary - p.s.i.			
Dimensions D x L 8.44 x 8.0			ft		Total Heating Surface 557		Sq. Ft.		Total Grate Area 22.5	Sq. Ft.
Steam Space Volume 149			cubic feet		Furnaces: ^{total} no 2 : dia 2 ft 3 inches : length 5 ft 8 1/2 inches					
Boiler Tubes : Diameter 3			inches : length 5 ft 8 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1			<input checked="" type="checkbox"/> RH LH: Dia 5.0 ft : pitch 7.0		ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-					4 1/2 4 1/4 4 1/2		inches			
Electric Generators : No. -					: K.W. each		: Voltage -			

TRIAL INFORMATION

Displacement	-	Tons	: Draught	-	ft	: Cb	-	: Speed	-	10.1	Knots
I.H.P.	-	R.P.M.	194.5	Steam Pressure at Engine	78	p.s.i.	: Vacuum	25.1	inches	Hg	

CONTRACT OUTCOME

Invoice Price	See ship 209	Net Profit	See ship 209.
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CAREER

Initial Trade: River passenger trade: Saigon - Mekong delta.

1893 - Sold in Spain.

renamed Ivo Bosch.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. FRANCIS GARNIER		SHIP No 212	DELIVERY YEAR			
Scott & Co CD.	Coaster Ferry	SHIP OWNER	Messageries Fluviales de Cochinchine Saigon / Pavis.		ENGINE No 270	1881			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	134.5	19.75	7.67	6.125		177.9	101.7	305	130
BALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		ENGINE 1881 GROSS TONS	No. of Masts
8667	0.66	Clincher	Iron		Schooner			92	2
DATES	Order	1881	Kael Lay	Launch		1881	Delivery	1881	
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-	
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 15 27 INCHES					STROKE 1.25 FT.		PROPULSION MODE Screw		
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 319 SQ. FT.		
EXPANSION RATIO 5.0	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/17.2		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/17.2		
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical			Working : main 71 Pressure : auxiliary - p.s.i.			
Dimensions D x L 8.44 x 8.0 ft			Total Heating Surface 557 Sq. Ft.			Total Grate Area 22.5 Sq. Ft.			
Steam Space Volume 149 cubic feet			Furnaces: ^{total} no 2 : dia 2 ft 3 inches : length 5 ft 8 1/2 inches						
Boiler Tubes : Diameter 3 inches : length 5 ft 8 inches			Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced				
Propeller(s) : No. 1 ^{RH} LH: Dia 5.0 ft : pitch 7.0 ft			No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-			4 1/2 4 1/4 4 1/2			inches			
Electric Generators : No. -			: K.W. each : Voltage -						
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price See ship 209					Net Profit See ship 209				
CAREER									
Initial Trade : River Passenger + trade - Saigon - Mekong delta.									
Wrecked in 1921 in Gulf of Siam.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PROFESSOR.	SHIP No 204	DELIVERY YEAR
Scott & Co. C.D.	General Cargo	SHIP OWNER	Harrison and Hughes. Liverpool	ENGINE No 261	1881

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	350.0	37.0	26.91	21.6		2593	1697	5628	3474
BALE CAPACITY under Deck	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
185343	0.704	Clincher	Iron	Schooner	L.R.	1472	3		
DATES	Order Jan 1881	Keel Lay 6 Apr 1881	Launch 8 Oct 1881	Delivery 16 Dec 1881					
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor	Mrs. Alex. Gauld.				

MACHINERY

SUPPLIER Greenock Foundry Co.		TYPE Steam Compound Expansion.		Vert.
CYLINDER DIAMETERS - 38 75 INCHES		STROKE 4.5 FT.	PROPULSION MODE Screw.	
N.H.P. 375	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE 3502 SQ. FT.
EXPANSION RATIO 7.97	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14.3}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.9}$	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)	Working Pressure : main 80 : auxiliary p.s.i.	
Dimensions DxL 13.25 x 17.25 ft		Total Heating Surface 5674 Sq. Ft.	Total Grate Area 209 Sq. Ft.	
Steam Space Volume 1496 cubic feet		Furnaces: ^{total} no 12 : dia 3 ft 2 inches : length 7 ft 0 inches		
Boiler Tubes : Diameter ^{o.d.} 3 $\frac{1}{4}$ inches : length 7 ft 0 inches		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 ^{RH} LH: Dia 16.75 ft : pitch 18.0 ft : No. of blades 4		built : solid : material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 13 $\frac{1}{2}$ 13 13 $\frac{1}{2}$ inches				
Electric Generators : No. - : K.W. each : Voltage -				

TRIAL INFORMATION

Displacement	-	Tons: Draught	-	ft.: Cb	-	: Speed - 9.75 Knots
I.H.P. 1166	R.P.M. 53.7	Steam Pressure at Engine	72.5 p.s.i.:	Vacuum	26 inches Hg	

CONTRACT OUTCOME

Invoice Price	£ 46000	Net Profit	-£ 1200
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CAREER

Initial Trade:

1895-8. Owned by G Lavarello, Spezia, Italy.

1898-1905 " " L. Pittaluga, Genoa, Italy.

1905 - damaged by collision and broken up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MOUHOT		SHIP No	213	DELIVERY YEAR		
Scott & Co CD.	Coaster Ferry	SHIP OWNER	Messageries Fluviales de Cochinchine Saigon / Paris.		ENGINE No	271	1881		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	134.5	19.75	7.67	6.125		177.9	101.7	305	130
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
8667	0.66	Clincher	Iron		Schooner		92	2	
DATES	Order	1881	Kel Lay	Launch	1881	Delivery	1881		
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	SETAC	
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion.				Vert.	
CYLINDER DIAMETERS - 15 - 27 INCHES				STROKE 1.25 FT.		PROPULSION MODE		Screw	
N.H.P. 40	I.H.P. DESIGN RPM	DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE		319 SQ. FT.	
EXPANSION RATIO	5.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.2}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.2}$					
No of Boilers: main	1	: auxiliary	-	TYPE: Cylindrical		Working Pressure: main 71 p.s.i.			
Dimensions D x L 8.44 x 8.0 ft				Total Heating Surface		557 Sq. Ft.		Total Grate Area	22.5 Sq. Ft.
Steam Space Volume 149 cubic feet				Furnaces: ^{total} no 2 : dia 2 ft 3 inches : length 5 ft 8 1/2 inches					
Boiler Tubes: Diameter 3 inches : length 5 ft 8 inches				Fuel Coal		Draught: Forced			
Propeller(s): No. 1 ^{✓ RH} LH: Dia 5.0 ft : pitch 7.0 ft : No. of blades 4 ^{built solid} ✓				: material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 4 1/2 4 1/4 4 1/2 inches									
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb -		Speed - Knots			
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price See ship 209				Net Profit See ship 209					
CAREER									
Initial Trade: River passenger trade - Saigon - Mekong delta.									
Sold in 1922.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BASSAC.		SHIP No 214	DELIVERY YEAR			
Scott & Co CD.	Coaster Ferry	SHIP OWNER	Messageries Fluviales de Cochinchine Saigon / Pavis.		ENGINE No 272	1881			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	134.5	19.75	7.67	6.125		177.9	101.7	305	130
SALE CAPACITY GROSS TONS	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of MASLS		
8667	0-66	Clincher	Iron	Schooner		92	2		
DATES	Order	1881	Kel Lay	Launch	1881	Delivery	1881		
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-	
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 15 27 INCHES					STROKE 1.25 FT.		PROPULSION MODE Screw		
N.H.P. 40	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 319 SQ. FT.		
EXPANSION RATIO	5.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.2}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.2}$					
No of Boilers: main	1	: auxiliary	-	TYPE: Cylindrical			Working : main 71 Pressure : auxiliary - p.s.i.		
Dimensions D x L 8.44 x 8.0			ft		Total Heating Surface 557 Sq. Ft.		Total Grate Area 22.5 Sq. Ft.		
Steam Space Volume 149			cubic feet		Furnaces: ^{total} no 2 : dia 2 ft 3 inches : length 5 ft 8 1/2 inches				
Boiler Tubes : Diameter 3			inches : length 5 ft 8 inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1 ^{✓ RH}			LH: Dia 5.0 ft : pitch 7.0 ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-					4 1/2 4 1/4 4 1/2 inches				
Electric Generators : No. - : -					K.W. each : Voltage -				
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price See ship 209					Net Profit See ship 209				
CAREER									
Initial Trade: Passenger river trade: Saigon - Mekong delta.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HECUBA.		SHIP No	208	DELIVERY YEAR	1882	
Scott & Co. CD.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	265			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	232.0	32.5	16.5	13.25		918	590	1815	1015
SALE CAPACITY	G ₃	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD IRON WEIGHT - TONS	No. of Masts		
57390	0.64	Clincher	Iron	Schooner		477	2		
DATES	Order 6 Apr 1881		Kel Lay June 1881	Launch 31 Jan 1882		Delivery 3 Mar 1882			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion Vert.					
CYLINDER DIAMETERS - 23 46 INCHES				STROKE 3.0 FT.		PROPULSION MODE Screw			
N.H.P. 98	I.H.P. DESIGN RPM		DESIGN SPEED		CONDENSER COOLING SURFACE 1004 SQ. FT.				
EXPANSION RATIO 5.9		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{9.4}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.4}$					
No of Boilers: main 1		: auxiliary -		TYPE: Oval.		Working Pressure: main auxiliary p.s.i.			
Dimensions 14.66h x 13.0w x 12.39l ft		Total Heating Surface		1825 Sq. Ft.		Total Grate Area 63 Sq. Ft.			
Steam Space Volume 436 cubic feet		Furnaces: total no 3 : dia 3 ft 3 1/4 inches : length 8 ft 4 inches							
Boiler Tubes: Diameter 4 inches : length 8 ft 4 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced					
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH		LH: Dia 12.5 ft : pitch 15.0 ft		No. of blades 4		built: solid <input checked="" type="checkbox"/> : material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/2 8 8 1/2 inches									
Electric Generators: No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 782 Tons		Draught 8.63 ft		Cb - 0.42		Speed - 11.21 Knots			
I.H.P. 567 R.P.M. 72		Steam Pressure at Engine 75 p.s.i.		Vacuum 26 1/2 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 21505.				Net Profit £ 1308.					
CAREER									
Initial Trade: Bangkok - Singapore rice trade.									
c 1894 sold to East India Ocean S.S. Co.									
1899 . . . become N.D.L. Kudat.									
1905 . . . Hokuriku Kisen Goshi Kaisha, Osaka									
and became Matsushima Maru.									
12 March 1915 - lost on passage Otaru to Fushiki with coal.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CLAN MACDONALD.		SHIP No 207	DELIVERY YEAR			
Scott & Co. CD.	Cargo Liner	SHIP OWNER	Cayzer Irvine & Co. Glasgow.		ENGINE No 262	1882			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	335.0	39.0	28.08	22.46		2642	1716	5870	3600
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	RYOKUO WEIGHT - TONS	No. of Masts		
170120	0.70	Clincher	Iron	Brig.	L.R.	1500	2		
DATES	Order 13 Oct 1881 contract		Keel Lay	21 May 1881	Launch 21 Feb 1882	Delivery 22 Apr 1882			
Passengers Carried	1st Cl 36 2nd Cl 23 3rd Cl -				Launch Sponsor			Miss Robin, Glasgow.	
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Vert.					
CYLINDER DIAMETERS - 41 78 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw			
N.H.P. 400	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 4326 SQ. FT.		
EXPANSION RATIO	6.8	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = 13.8$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = 21.7$					
No of. Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working : main 80 Pressure : auxiliary - p.s.i.				
Dimensions D x L 12.52 x 17.67 ft			Total Heating Surface		5018 Sq. Ft.		Total Grate Area 198 Sq. Ft.		
Steam Space Volume 1384 cubic feet			Furnaces : total no 12 : dia 2 ft 10 $\frac{5}{8}$ inches : length 6 ft 6 inches						
Boiler Tubes : Diameter 3 $\frac{1}{2}$ inches : length 6 ft 6 inches			Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced				
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH LH : Dia 16.75 ft : pitch 22.0 ft : No. of blades 4			built : solid		: material				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-			13 $\frac{1}{2}$ 12 $\frac{3}{4}$ 13 $\frac{1}{2}$		inches				
Electric Generators : No. - : -			K.W. each : Voltage -						
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed -		Knots	
I.H.P. 1170 R.P.M. 56		Steam Pressure at Engine		76 p.s.i. : Vacuum		25 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 46506.				Net Profit £ 823					
CAREER									
Initial Trade :									
1898 - Sold to Briardene Steamship Co. Newcastle upon Tyne.									
1900 - " " M&A Dickie, Truro, Nova Scotia.									
1904 - " " Colchester Steamship Co. Nova Scotia.									
1916 - " " Overseas Shipping Co. Halifax Nova Scotia.									
1 st December 1916 - Captured by German submarine UC 19 and sunk by bombs 12 $\frac{1}{2}$ miles S.E. by S from Bishops Rock on voyage New York / London with general cargo.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S CHUNG KING		SHIP No	217	DELIVERY YEAR		
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. - London		ENGINE No	274	1882		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	243.0	32.0	21.0	16.75		1251	793	2580	1655
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
79723	0.693	Clincher	Steel		Schooner	-	499	2	
DATES	Order		Kel Lay	16 Feb 1882	Launch	29 May 1882	Delivery 26 Jun 1882		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 25 50 INCHES					STROKE 2.5 FT.		PROPULSION MODE Twin Screw		
N.H.P. 240	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 2432 SQ. FT.		
EXPANSION RATIO 5.4	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14.8}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.4}$						
No of Boilers: main 2 : auxiliary -		TYPE: Oval.			Working Pressure: main 80 : auxiliary - p.s.i.				
Dimensions 16.58h x 12.46w x 11.5 l ft		Total Heating Surface		4036 Sq. Ft.		Total Grate Area		126 Sq. Ft.	
Steam Space Volume 1098 cubic feet		Furnaces: total no 6 : dia 3 ft - 6 inches : length 8 ft - 4 inches							
Boiler Tubes: Diameter 3 inches : length - ft - inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced					
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 10.0 ft: pitch 15.5 ft: No. of blades 4		built: solid <input checked="" type="checkbox"/>		: material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-					8 1/2 7 1/2 8 1/2 inches				
Electric Generators: No. - : -					K.W. each: Voltage -				
TRIAL INFORMATION									
Displacement 1710		Tons: Draught 12.75 ft: Cb - 0.604		Speed - 12.12 Knots					
I.H.P. 1048 R.P.M. 88		Steam Pressure at Engine 71 p.s.i.:		Vacuum 25 1/2 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 29740					Net Profit £ 573				
CAREER									
Initial Trade: China Coaster.									
1905. Sold to Russian Ministry of War & renamed 'Ochotsk'.									
- By 1921 had belonged to 4 other owners but had returned to Vlad and was									
incorporated into Soviet fleet. in 1923. In 1927 she was seized by the Chinese									
Govt. and became Tai Chow of Tai Chow S.S.Co. - Shanghai. In 1938 she became									
the Ano Vathy for Greek owners.									
In Aug 1941 she was seized by the Japanese & became Asei Maru - Fate unknown.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. WUCHANG	SHIP No	DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London.	218	1882
				ENGINE No	
				275	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	243.0	32.0	21.0	16.75		1251	793	2580	1655
SALE CAPACITY	Cb	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts		
79723	0.693	Clincher	Steel.	Schooner		499	2		
DATES	Order	Kel Lay	16 Feb 1882	Launch	30 Jun 1882	Delivery	18 Aug 1882		
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor	Mrs. Swire.				

MACHINERY

SUPPLIER	Greenock Foundry Co	TYPE	Steam Compound Expansion.	Vert.
CYLINDER DIAMETERS -	25 50	INCHES	STROKE	2.5 FT.
N.H.P. 240	I.H.P. DESIGN RPM	DESIGN SPEED	CONDENSER COOLING SURFACE	2432 SQ. FT.
EXPANSION RATIO	5.4	RATIO	Air Pump Capacity LP. Cylinder Volume	RATIO
No of Boilers: main	2	: auxiliary -	TYPE: Oval	Working Pressure: main 80 p.s.i.
Dimensions	16.58h x 12.46w x 11.5l ft	Total Heating Surface	4036 Sq. Ft.	Total Grate Area
Steam Space Volume	1098 cubic feet	Furnaces: total no	6	: dia 3 ft 6 inches: length 8 ft 4 inches
Boiler Tubes: Diameter	3 inches	: length	ft	: inches
Propeller(s): No.	2	: RH	10.0 ft	: pitch 15.5 ft
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-	8 1/2	7 3/8	8 1/2	inches
Electric Generators: No.	-	: K.W. each	-	: Voltage -

TRIAL INFORMATION

Displacement	1575	Tons	Draught	12.0	ft.	Cb - 0.591	: Speed - 12.14 Knots
I.H.P.	1154	R.P.M.	88	Steam Pressure at Engine	67	p.s.i.	: Vacuum 26 inches Hg

CONTRACT OUTCOME

Invoice Price	£ 29740	Net Profit	£ 573
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CAREER

Initial Trade:	China Coaster.
1900 -	Sold to Deutches Reichs Marine - Wilhelmshaven.
1902 -	Reverted to China Navigation Co.
1905 -	Sold to Carl Freiherr Binder von Kreigstein & renamed Cacili.
27 Jun 1905 -	Wrecked near Cape Kataoka. Refloated & owners became the Japanese Govt, but presumably broken up without repairs.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ISLA DE PANAY.	SHIP No 216	DELIVERY YEAR
Scott & Co C.D.	General Cargo	SHIP OWNER	Co. Gen. de Tabacos Filipinas, Barcelona	ENGINE No 273	1882

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	361.75	43.0	31.25	25.08		3550	2332	7685	4825
BALE CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED IRON WEIGHT - TONS	No. of Masts		
222284	0.69	Clincher	Iron	Brip	L.R.	1994	2		
DATES	Order	Feb 1881	Keel Lay	1 Oct 1881	Launch	19 Jun 1882	Delivery	2 Sept 1882	
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor		

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vert.	
CYLINDER DIAMETERS - 44 82 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw			
N.H.P. 500		I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 4326 SQ. FT.	
EXPANSION RATIO 4.6		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.1}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{20.7}$					
No of Boilers: main 3		: auxiliary -		TYPE: Cylindrical (D.E.)		Working Pressure: main 71		auxiliary p.s.i.	
Dimensions DxL 12.58 x 18.17 ft				Total Heating Surface 4036 Sq. Ft.		Total Grate Area 126 Sq. Ft.			
Steam Space Volume 1098 cubic feet				Furnaces: ^{total} no 12 : dia 3 ft 6 inches : length 7 ft 4 inches					
Boiler Tubes: ^{o.d.} Diameter 4 inches : length 7 ft 4 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{✓ RH}				LH: Dia 17.83 ft : pitch 18.0 ft : No. of blades 4		built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				15 14 1/2 15 1/4		inches			
Electric Generators: No. - : -				K.W. each : Voltage -					

TRIAL INFORMATION

Displacement	3765	Tons	Draught	15.0	ft	: Cb	- 0.56	: Speed	- 11.9	Knots
I.H.P	1849	R.P.M.	66 1/4	Steam Pressure at Engine	76.5	p.s.i.	: Vacuum	26.75	inches Hg	

CONTRACT OUTCOME

Invoice Price	£ 63267.	Net Profit	£ 208.
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CAREER

Initial Trade:

Launched as Massilia for Cyprien, Fabre & Co.

1898. Converted to an armed merchant cruiser at the beginning of the Spanish-American War. Sent to the Phillipines with reinforcements but by the time she reached Suez the main Spanish Naval force under Admiral Cervera had been destroyed off Santiago de Cuba. She survived the war and was returned to her owners. Lost off Fernando Po in December 1929.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. WHAMPOA.	SHIP No 219	DELIVERY YEAR				
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London.	ENGINE No 276	1882				
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	270.0	34.0	24.75	19.75		1734	1109	3720	2604
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
118,364	0.72	Clincher	Steel	Schooner	-	725	2		
DATES	Order		Keel Lay	16 Feb 1882	Launch	24 Aug 1882	Delivery	13 Oct 1882	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	-			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 30 60 INCHES					STROKE	3.5 FT.	PROPULSION MODE	Screw	
N.H.P. 185	I.H.P. DESIGN RPM	DESIGN SPEED			KNOTS	CONDENSER COOLING SURFACE 1800 SQ. FT.			
EXPANSION RATIO 5.44	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.1}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18}$					
No of Boilers: main 2 : auxiliary -		TYPE: Oval			Working Pressure: main 75 p.s.i. : auxiliary -				
Dimensions 15.27 h x 11.58 w x 10.08 l ft		Total Heating Surface		2977 Sq. Ft.		Total Grate Area		107.2 Sq. Ft.	
Steam Space Volume 809 cubic feet		Furnaces: total no 6 : dia 3 ft 3 inches : length 6 ft 11 inches							
Boiler Tubes: Diameter o.d. 3 1/4 inches : length 6 ft 11 inches		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced						
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 14.5 ft : pitch 17.0 ft : No. of blades 4 built solid <input checked="" type="checkbox"/>		material							
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:- 10 1/2 10 10 1/2 inches									
Electric Generators: No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement 3142 Tons : Draught 17.88 ft. : Cb - 0.67 : Speed - 11.84 Knots									
I.H.P. 833 R.P.M. 65.5 Steam Pressure at Engine 68.5 p.s.i. : Vacuum 26 inches Hg									
CONTRACT OUTCOME									
Invoice Price £129960 for ships 219-222 incl. Net Profit £7323 for ships 219-222 incl.									
CAREER									
Initial Trade: Hong Kong-Australia service (1883-6)									
Dec. 1905 - Sold to Russian Ministry of War.									
1907 - " " " Transport & Insurance Co. Sebastopol									
29 Oct 1914 - Damaged by gunfire from Turkish warships at Odessa									
1922 - Broken up at Sebastopol.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. WOOSUNG		SHIP No	220	DELIVERY YEAR		
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	277			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	270.0	34.0	24.75	19.75		1734	1109	3720	2604
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
118,364	0.718	Clincher	Steel		Schooner		725	2	
DATES	Order		Keel Laid	16 Feb 1882	Launch	19 Sep 1882	Delivery 8 Nov 1882		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor	Miss Hill, Greenock.			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 30 60 INCHES					STROKE	3.5 FT.	PROPULSION MODE	Screw.	
N.H.P. 185	L.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1800 SQ. FT.		
EXPANSION RATIO	5.44	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.1}$		RATIO $\frac{\text{S.W. Circ Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.0}$					
No of Boilers: main	2	: auxiliary	-		TYPE: Oval		Working Pressure	main 75 auxiliary - p.s.i.	
Dimensions		15.27h x 11.58w x 10.08ft		Total Heating Surface	2977 Sq. Ft.		Total Grate Area	107.2 Sq. Ft.	
Steam Space Volume		809 cubic feet		Furnaces: total	no 6 : dia 3 ft 3 inches : length 6 ft 11 inches				
Boiler Tubes: Diameter		3 1/4 inches : length		6 ft 11 inches		Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1		RH LH: Dia 14.5 ft : pitch		17.0 ft : No. of blades		4	built : solid <input checked="" type="checkbox"/>	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 10 1/2 10 10 1/2 inches									
Electric Generators: No. : K.W. each: Voltage									
TRIAL INFORMATION									
Displacement		3244 Tons		Draught 18.33 ft.		Cb - 0.674		Speed - 10.76 Knots	
I.H.P. 923		R.P.M. 69.12		Steam Pressure at Engine		73 p.s.i.		Vacuum 24 3/4 inches Hg.	
CONTRACT OUTCOME									
Invoice Price See ship 219				Net Profit See ship 219.					
CAREER									
Initial Trade: Hong Kong - Australia service (1883-6)									
1905-8 - Owned by - Diedrichsen, Hamburg - renamed 'Eutin'									
1910 - Sold to Pak Hoi S.S.Co. Chefoo - renamed 'Chei An'									
1913 - " " S. Tanaka - Daiven & listed as 'Chian Maru'									
1915 - " " K.K. Nitto Shokai " " 'Saiin Maru'									
Aug. 1923 - Overdue at Keelung from Japanese ports.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TAIWAN		SHIP No 221	DELIVERY YEAR			
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co London.		ENGINE No 278	1882			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	27.0	34.0	24.75	19.75		1734	1109	3720	2604
BALE CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
118364	0.72	Clincher	Steel	Schooner		725	2		
DATES	Order		Keel Laid	23 Feb 1882	Launch	17 Oct 1882	Delivery	29 Nov 1882	
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-	
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Compound Expansion - Vert.					
CYLINDER DIAMETERS - 30 60 INCHES				STROKE		FT.		PROPULSION MODE	
N.H.P. 185	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1800 SQ. FT.		
EXPANSION RATIO	5.44	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{17.1}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{18.0}$	
No of Boilers: main	2	: auxiliary	-			TYPE: Oval		Working main 75 Pressure auxiliary - p.s.i.	
Dimensions		15.27h x 11.58w x 10.08l ft		Total Heating Surface		2977 Sq. Ft.		Total Grate Area 107.2 Sq. Ft.	
Steam Space Volume		809 cubic feet		Furnaces: total no 6		: dia 3 ft 3 inches : length 6 ft 11 inches			
Boiler Tubes: Diameter		o.d. 3 $\frac{1}{4}$ inches : length 6 ft 11 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/>		Forced	
Propeller(s): No. 1		<input checked="" type="checkbox"/> RH LH: Dia 4.5 ft : pitch 17.0 ft		No. of blades 4		built: solid <input checked="" type="checkbox"/>		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 $\frac{1}{2}$ 10 10 $\frac{1}{2}$ inches									
Electric Generators: No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement		Tons : Draught		ft. : Cb -		: Speed - 12.06 Knots			
I.H.P. 942		R.P.M. 72.5		Steam Pressure at Engine 73 p.s.i. : Vacuum 25 $\frac{3}{4}$ inches Hg					
CONTRACT OUTCOME									
Invoice Price		See ship 219		Net Profit		See ship 219.			
CAREER									
Initial Trade: Hong Kong - Australia service (1883-6)									
1905 - Sold to Diedervichsen, Jebesen & Co, Hamburg - renamed 'Plon'									
1905 - " - Wing Fat S.S. Co - Hong Kong - 'Taiwan'									
1910 - " - Sun Wah " " " "									
1914 - " - Goshi Kisen Hachiuma Shokai - Daiven, renamed Taiwan Maru.									
May 1918 - Wrecked off Toboshima - east of Shikoku									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHANGCHOW.		SHIP No	222		DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	279		1882
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	270.0	34.0	24.75	19.75		1734	1109	3720
BALE CAPACITY Bale Tons	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
118,364	0.72	Clincher	Steel		Schooner	-	725	2
DATES	Order	Keel Laid	25 May 1882		Launch	18 Nov 1882		Delivery 30 Dec 1882
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-
MACHINERY								
SUPPLIER	Greenock Foundry Co.				TYPE Steam Compound Expansion Ventr.			
CYLINDER DIAMETERS	30 60 INCHES				STROKE	3.5 FT.		PROPULSION MODE
								Screw
N.H.P. 185	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1800 SQ. FT.	
EXPANSION RATIO	5.44		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.1}$		RATIO $\frac{\text{S.W. Circ Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18}$			
No of Boilers: main	2		: auxiliary -		TYPE: Oval		Working main 75 Pressure auxiliary - p.s.i.	
Dimensions	15.27h x 11.58w x 10.08l ft				Total Heating Surface	2977 Sq. Ft.		Total Grate Area 107.2 Sq. Ft.
Steam Space Volume	809 cubic feet				Furnaces: total	no 6 : dia 3 ft 3 inches : length 6 ft 11 inches		
Boiler Tubes: Diameter	3 1/4 inches : length 6 ft 11 inches				Fuel Coal	Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No.	1 <input checked="" type="checkbox"/> RH LH: Dia 4.5 ft : pitch 17.0 ft : No. of blades 4				built : solid <input checked="" type="checkbox"/>	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 1/2 10 10 1/2 inches								
Electric Generators: No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement	1830		Tons: Draught 11.8 ft : Cb - 0.591		: Speed - 12.01 Knots			
I.H.P. 947	R.P.M. 69.17		Steam Pressure at Engine 74 3/4 p.s.i. : Vacuum 25 3/4 inches Hg					
CONTRACT OUTCOME								
Invoice Price	See ship 219				Net Profit See ship 219.			
CAREER								
Initial Trade: Hong Kong - Australia service (1883-6)								
October 1884 - Wrecked on Sandy Cape Shoal, Fraser Is. Queensland on voyage Newcastle/Hong Kong								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NORODOM I				SHIP No 215	DELIVERY YEAR	
Scott & Co CD	Goaster Ferry	SHIP OWNER	Messageries Fluvialis de Cochinchine Saigon / Paris				ENGINE No 266	1882	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	199.0	26.25	15.0	12.4		177.9	101.7	1180	680
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	RYOICID IRON WEIGHT - TONS	No. of MASLS	
37102	0.64	Clincher	Iron		Schooner	-	283	2	
DATES	Order 1 Apr 1881			Keel Lay	Launch 17 Dec 1881		Delivery 25 Feb 1882		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion Vert				
CYLINDER DIAMETERS - 24 48 INCHES					STROKE 2.0 FT.		PROPULSION MODE Screw		
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 917 SQ. FT.		
EXPANSION RATIO	5.8	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{5.4}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.4}$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working : main 71 Pressure : auxiliary p.s.i.			
Dimensions D x L 10.2 x 9.23 ft			Total Heating Surface 1677 Sq. Ft.		Total Grate Area 65 Sq. Ft.				
Steam Space Volume 480 cubic feet			Furnaces : ^{total} no 4 : dia 3 ft 0 inches : length 6 ft 3 inches						
Boiler Tubes : Diameter 3 inches : length 6 ft 3 inches			Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced				
Propeller(s) : No. 1 ^{RH} LH : Dia 9.83 ft : pitch 11.0 ft : No. of blades 4			built : solid <input checked="" type="checkbox"/>		: material				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-									inches
Electric Generators : No. :									K.W. each : Voltage
TRIAL INFORMATION									
Displacement -		Tons : Draught -		ft. : Cb - -		: Speed - 10.14 Knots			
I.H.P. 455		R.P.M. 100.7		Steam Pressure at Engine 66 p.s.i. : Vacuum 26 inches Hg					
CONTRACT OUTCOME									
Invoice Price £16468					Net Profit - £340				
CAREER									
Initial Trade: River passenger trade - Saigon - Mekong delta.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHATHAM.		SHIP No	225	DELIVERY YEAR		
Scott & Co CD.	General Cargo	SHIP OWNER	Liverpool, Brazil & River Plate S.N. Co. - Liverpool.		ENGINE No	282	1883		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	211.67	32.0	13.17	10.55		647	401	1320	713
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P.	RIGGED	CLASSIFICATION SOCIETY	BYRONOLD STEEL WEIGHT - TONS	No. of Masts		
37669	0.64	Clincher.	Steel.	Schooner	-	342	2		
DATES	Order	Keel Lay	Launch 9 Mar 1883		Delivery 7 Apr 1883				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 23 50 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw		
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 902 SQ. FT.		
EXPANSION RATIO	7.5	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/22.3		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/20.7	
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 80 p.s.i. : auxiliary -		
Dimensions D x L 13.0 x 11.33 ft				Total Heating Surface 1684 Sq. Ft.		Total Grate Area 60 Sq. Ft.			
Steam Space Volume 451 cubic feet				Furnaces: total no 3 : dia 3 ft 4 inches : length 8 ft 4 inches					
Boiler Tubes: Diameter 4 inches : length 8 ft 4 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 9.17 ft : pitch 15.0 ft : No. of blades 4				built: solid <input checked="" type="checkbox"/>		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				8 1/2 8 8 1/2 inches					
Electric Generators: No. -				K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement 1013 Tons				Draught 8.58 ft		Cb - 0.61		Speed - 10.83 Knots	
I.H.P. 651 RPM. 98.25				Steam Pressure at Engine 77.5 p.s.i. : Vacuum 25 3/4 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 17000				Net Profit £ 1163.					
CAREER									
Initial Trade: As company title.									
1891 - To Lage Irmaos, Rio de Janeiro, renamed Itauna.									
c 1896 - To Cia. Nacional de Nav. Costeira - Rio.									
1930 - Broken up at Rio.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD	Cargo liner	S.S. CLAN-MACARTHUR.	223	1883
	SHIP OWNER	Clan Line Steamers. Glasgow.	ENGINE No 280	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	380.0	43.0	30.5	24.4		3985	2635	8000	5100
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of MASLS		
226067	0.71	Clincher	Steel.	Schooner	L.R.	1893	2		
DATES	Order		Kael Lay		Launch 12 Mar 1883	Delivery 26 May 1883			
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Mrs. James Arthur of Barshaw & Carlung.				

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vert.			
CYLINDER DIAMETERS - 48 86 INCHES				STROKE 5.0 FT.		PROPULSION MODE Screw					
N.H.P. 600		I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 5451 SQ. FT.			
EXPANSION RATIO 5.3		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.4}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} =$							
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical		2 D.E. 1 S.E.		Working Pressure: main 85 p.s.i. auxiliary					
Dimensions D x L $2 \times 16.67 \times 18.5$ ft				Total Heating Surface 9552 Sq. Ft.		Total Grate Area 330 Sq. Ft.					
Steam Space Volume 2761 cubic feet				Furnaces: total 12 no 2 : dia 4 3/4 ft 0 inches : length 7 3/8 ft 0 inches							
Boiler Tubes : Diameter 3 1/2 inches : length MB 7 3/8 ft 0 inches				Aux 7 ft 0 inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH LH: Dia 19.0 ft : pitch 25.0 ft : No. of blades 4				built <input checked="" type="checkbox"/> solid		: material					
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				16 1/2 15 1/2 16 1/2		inches					
Electric Generators : No. :				K.W. each : Voltage :		(Electric Light for Passengers.)					

TRIAL INFORMATION

Displacement	6750	Tons : Draught	22.25	ft. : Cb	- 0.6	: Speed -	Knobs
I.H.P 1951	R.P.M. 51	Steam Pressure at Engine	87	p.s.i. : Vacuum	27	inches Hg	

CONTRACT OUTCOME

Invoice Price	£85280	Net Profit	£3438
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CAREER

Initial Trade:

1892 - Re-engined & re-boilered - 160 psi steam.

1904 - Sold to Bombay & Hujaz S.N. Co. became Shah Jehan.

1907 - " " Shah Steam Nav. Co. of India, Bombay.

1909 - " " Bombay & Hujaz Steam Nav. Co of India, Bombay.

1912 - " " shipbreakers at Bombay.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CLAN MACINTOSH		SHIP No.	22412	DELIVERY YEAR		
Scott & Co CD	Cargo liner	SHIP OWNER	Clan Line Steamers. Glasgow.		ENGINE No.	281	1883		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	380.0	43.0	30.5	24.4		3985	2635	8000	5100
HAUL NO. OF SHEETS	G ₃	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of MASTS		
226067	0-71	Clincher	Steel.	Schooner	L.R.	1893	2		
DATES	Order		Keel Lay		Launch	6 Jun. 1883	Delivery	6 Aug. 1883	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor	Mrs. Burton, wife of Capt. Burton.			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 48 86 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 600	I.H.P. DESIGN RPM	DESIGN SPEED			KNOTS		CONDENSER COOLING SURFACE		
EXPANSION RATIO	5.3	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.4}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} =$				
No of Boilers: main	2	: auxiliary	1	TYPE: Cylindrical		2 D.E. 1 S.E.	Working Pressure		main 85 auxiliary
Dimensions D x L $2 \times 16.67 \times 18.5$ $1 \times 11.75 \times 9.64$ ft				Total Heating Surface		9552 Sq. Ft.	Total Grate Area		330 Sq. Ft.
Steam Space Volume				2761	cubic feet		Furnaces: total 12 no 2 : dia 4 ft 0 inches : length 7 ft 3 inches		
Boiler Tubes: Diameter				3 1/2	inches : length MB 7 Aux 7 ft 0 inches		Fuel Coal		Draught: Forced
Propeller(s): No. 1				RH LH: Dia 19.0 ft : pitch 25.0 ft : No. of blades 4		built solid		material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: 16 1/2 15 1/2 16 1/2 inches									
Electric Generators: No. : K.W. each: Voltage (Electric Light for Passengers.)									
TRIAL INFORMATION									
Displacement 5600 Tons: Draught 19.25 ft: Cb 0.623: Speed 13.09 Knots									
I.H.P. 3119 R.P.M. 57 Steam Pressure at Engine 70 p.s.i.: Vacuum 25 1/2 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 85250					Net Profit £ 3438				
CAREER									
Initial Trade:									
1892 - Re-engined & re-boilered. - 160 psi steam.									
29 Nov 1885 - In collision with barque Fidelio near Royal Sovereign light vessel									
1905 - Sold to Max. Jebesen, Germany & renamed 'Totti'									
1907 - Madras Steam Navigation Co Rangoon									
and renamed Clan Macintosh.									
1914 - Sold to shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. OASIS.		SHIP No	226	DELIVERY YEAR		
Scott & Co. CD	General Cargo	SHIP OWNER	M. Felix Touache. Compagnie de Navigation Marseillaise - Marseille.		ENGINE No	283	1883		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	247.5	31.75	24.67	19.7		1348	917	3000	1900
SALE CAPACITY (other than)	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
75136	0.67	Clincher	Iron		Schooner	B.V.	650	2	
DATES	Order -		Keel Lay -		Launch 18 Jul 1883		Delivery 1 Sept. 1883		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mvs. Graham of Kinn.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 34 64 INCHES					STROKE 3.5 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED		10.5 KNOTS		CONDENSER COOLING SURFACE 1700 SQ. FT.		
EXPANSION RATIO 5.8	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{14.8}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{18}$		
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 75 p.s.i. : auxiliary -			
Dimensions D x L 14.0 x 10.5 ft		Total Heating Surface 4224 Sq. Ft.		Total Grate Area 126 Sq. Ft.					
Steam Space Volume 932 cubic feet		Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 6 $\frac{3}{4}$ inches							
Boiler Tubes: Diameter 3 $\frac{3}{8}$ inches : length 7 ft 6 $\frac{3}{4}$ inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced					
Propeller(s): No. 1 ^{RH} LH: Dia 14.5 ft : pitch 18.5 ft : No. of blades 4		built: solid		: material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 11 $\frac{3}{8}$ 10 $\frac{3}{4}$ 11 $\frac{3}{8}$ inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 2623 Tons: Draught 18.38 ft.: Cb - 0.638 : Speed - 11.93 Knots									
I.H.P. 1425 R.P.M. 69 Steam Pressure at Engine 70 p.s.i.: Vacuum 25 $\frac{1}{2}$ inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 27500					Net Profit £ 303				
CAREER									
Initial Trade: Marseille - North Africa service.									
1895 - Extensively modified - sails eliminated, bridge altered, funnel heightened									
8 October 1898 - Badly damaged in collision with 'Astrea' which sank.									
September 1908 - in collision with steamer 'Lakme'.									
July 1913 - sold in Italy & renamed Porto di Suez and remained in service until 1927.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. NGAN KIN.		SHIP No	227		DELIVERY YEAR
Scott & Co C.D.	River Steamer	SHIP OWNER	China Navigation Co. London.		ENGINE No	286		1883
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	287.0	43.0	13.08	10.6		2553	1922	2281
BALE CAPACITY	C _g	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
134743	0.61	Clincher	Steel		sloop	L.R.	614	1
DATES	Order			Keel Lay	Launch 7 Aug 1883		Delivery 8 Sept 1883	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vert.			
CYLINDER DIAMETERS - 22½ 45 INCHES					STROKE 2.5 FT.	PROPULSION MODE Twin Screw		
N.H.P. 200	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 2000 SQ. FT.	
EXPANSION RATIO 6.64	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/16.7		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/18.0	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure main 80 p.s.i. auxiliary			
Dimensions D x L 13.5 x 10.13 ft				Total Heating Surface 2984 Sq. Ft.		Total Grate Area 113.4 Sq. Ft.		
Steam Space Volume 990 cubic feet				Furnaces: total no 6 : dia 3 ft 4 inches : length 6 ft 11 inches				
Boiler Tubes: Diameter 3½ inches : length 6 ft 11 inches				Fuel Coal		Draught: Natural ✓		
Propeller(s): No. 2 ✓ RH				Diameter 9.5 ft : pitch 15.0 ft : No. of blades 4		built solid ✓ : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 7½ 7½ 7½ inches								
Electric Generators: No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement 1740		Tons: Draught 9.63 ft.		Cb - 0.512		Speed - 11.57 Knots		
I.H.P. 1233		R.P.M. 92		Steam Pressure at Engine 74.5 p.s.i.		Vacuum 25 ¾ inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 33596				Net Profit £ 1279				
CAREER								
Initial Trade: Lower Yangtse River.								
August 1933 - Grounded, Hirado Island.								
December 1933 - Sold for breaking up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CANNING.		SHIP No	229	DELIVERY YEAR		
Scott & Co. CD.	General Cargo	SHIP OWNER	Liverpool, Brazil & River Plate S.N.Co. Liverpool		ENGINE No	287	1883		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	211.67	32.0	13.17	10.55		645	403	1320	713
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		ROGED	CLASSIFICATION SOCIETY	HYDROL STEEL WEIGHT - TONS	No. of Masts	
37699	0.64	Clincher	Steel		Schooner	-	342	2	
DATES	Order		Keel Lay		Launch 31 Jul 1883		Delivery 11 Sept 1883		
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 23 50 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw.		
N.H.P. 100	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 902 SQ. FT.		
EXPANSION RATIO 7.5	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{22.3}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{26.7}$		
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 80 p.s.i. : auxiliary -		
Dimensions D x L 13.0 x 11.33 ft		Total Heating Surface 1684 Sq. Ft.		Total Grate Area 60 Sq. Ft.					
Steam Space Volume 451 cubic feet		Furnaces: ^{total} no 3 : dia 3 ft 4 inches : length 8 ft 4 inches							
Boiler Tubes: Diameter 4 inches : length 8 ft 4 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced					
Propeller(s): No. 1		RH: Dia 9.17 ft : pitch 15.0 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/2 8 8 1/2 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 995 Tons: Draught 8.46 ft.: Cb - 0.607 : Speed - 11.05 Knots									
I.H.P. 695 R.P.M. 100.15 Steam Pressure at Engine 78 p.s.i.: Vacuum 25 1/2 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 17000.					Net Profit £ 1439.				
CAREER									
Initial Trade: As company title:									
1891 - To Lage Irmaos, Rio de Janeiro, renamed 'Itatiaya'.									
c. 1896 - To Cia. Nacional de Costeira, Rio.									
1930 - Broken up at Rio de Janeiro.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CROWN of ARRAGON.		SHIP No	228		DELIVERY YEAR
Scott & Co -CD-	General Cargo	SHIP OWNER	Robert Younger et al. Glasgow.		ENGINE No	285		1883
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	300.0	37.0	27.5	22.08		2256	1486	4960
BALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
155650	0.70	Clincher	Iron	Schooner	L.R.	1294	2	
DATES	Order 9 Feb 1883		Keel Lay	Launch 16 Oct 1883		Delivery 20 Nov 1883		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Miss Prentice, Glasgow		
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 24 49 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw		
N.H.P. 275	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1713 SQ. FT.	
EXPANSION RATIO 6.65	RATIO		Air Pump Capacity L.P. Cylinder Volume = 11.8		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 21.3	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 90 : auxiliary p.s.i.			
Dimensions D x L 14.0 x 10.25 ft		Total Heating Surface 2502 Sq. Ft.		Total Grate Area 115.5 Sq. Ft.				
Steam Space Volume 780 cubic feet		Furnaces: total no 6 : dia 3 ft 6 inches : length 6 ft 6 inches						
Boiler Tubes: Diameter 4 inches : length 6 ft 6 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH		LH: Dia 14.5 ft : pitch 14.5 ft		No. of blades 4		built: solid : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 11 1/2 10 1/2 11 1/2 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 2160 Tons: Draught 12.0 ft: Cb - 0.568: Speed - 11.75 Knots								
I.H.P. 1151 R.P.M. 83.0 Steam Pressure at Engine 82.5 p.s.i.: Vacuum - 26 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 38298				Net Profit £ 704				
CAREER								
Initial Trade:								
1911-2. - Became Akebono Maru.								
last quarter 1927 - Broken up in Japan.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	R.S. LOOHIT SONAI	DIJU. KULSI	SHIP Nos 233-6	DELIVERY YEAR
Scott & Co CD	General Cargo Barges	SHIP OWNER	Rivers Steam Navigation Co.		ENGINE No 291-4	1884

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	170.0	22.0	7.5	3.5		-	-	201	-
BALL CAPACITY Cubic Feet	C _b	CONSTRUCTION	MATERIAL F&P		RUGGED	CLASSIFICATION SOCIETY	DRYDOCK IRON WEIGHT - TONS	No. of Masts	
-	0.56	Clincher	Iron				61.5		
DATES	Order	Jan 1884	Keel Lay			Launch	1884	Delivery	1884
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vert.	
CYLINDER DIAMETERS - 18 38 INCHES				STROKE 3.5 - FT.		PROPULSION MODE - Paddles			
N.H.P.	I.H.P. DESIGN RPM		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE 874 SQ. FT.		
EXPANSION RATIO	6.98	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.4}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{22.5}$					
No of Boilers: main 1		: auxiliary -		TYPE: cylindrical		Working Pressure: main 100		: auxiliary p.s.i.	
Dimensions D x L 12.0 x 10.03			ft	Total Heating Surface 1063		Sq Ft		Total Grate Area 39	
								Sq. Ft.	
Steam Space Volume 323			cubic feet	Furnaces: ^{total} no 2		: dia 3 ft 3 inches		: length 6 ft 7 inches	
Boiler Tubes: Diameter ^{o.d.} 3 ³ / ₄			inches	: length 6 ft 7 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels - Feathering - 10 ft 0 in diameter . 8 Floats.									
Engine Bearings - 7 in. diameter. - Paddle Bearings 7 ¹ / ₂ in diameter.									
Electric Generators: No. - : - K.W. each: Voltage -									

TRIAL INFORMATION

Displacement	201	Tons : Draught	3.5	ft. : Cb -	0.537	: Speed -	12	Knots
I.H.P	368	R.P.M.	50	Steam Pressure at Engine	100	p.s.i. : Vacuum	25	inches Hg

CONTRACT OUTCOME

Invoice Price £21198 for ships 233-6 incl.	Net Profit £3034 for ships 233-6 incl.
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CAREER

Initial Trade:
Paddle Steamers Sonai & Kulsi were still in use as
receiving flats at Goalundo & Madaripore in 1951.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S SIPHINOS et EUBEE.		SHIP No	231		DELIVERY YEAR
Scott & Co. CD	General Cargo.	SHIP OWNER	John Scott, Greenock but sold to Cie de Mines de Siphnos et Eubée.		ENGINE No	288		1884
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	110.0	19.0	10.0	8.0		145.44	57.85	315
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED IRON WEIGHT - TONS	No. of Masts
3373	0.65	Clincher	Iron.		Schooner	-	96	2
DATES	Order		Keel Lay		Launch 3 Dec 1883		Delivery 14 Jan. 1884	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 15 28 INCHES					STROKE 1.75 FT.	PROPULSION MODE Twin Screws.		
N.H.P. 50	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE 372 SQ. FT.		
EXPANSION RATIO 5.77	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{12.2}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{15.7}$	
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 85 p.s.i. : auxiliary		
Dimensions D x L 8.5 x 8.17 ft			Total Heating Surface 562 Sq Ft		Total Grate Area 25 Sq. Ft.			
Steam Space Volume 149 cubic feet			Furnaces: total no 2 : dia 2 ft 4 inches : length 5 ft 7 1/2 inches					
Boiler Tubes: Diameter 3 inches : length 5 ft 7 1/2 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH LH: Dia 7.83 ft : pitch 9.5 ft : No. of blades 4 built: solid <input checked="" type="checkbox"/> : material								
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 5 1/4 5 5 1/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 290 Tons: Draught 8.13 ft: Cb - 0.597: Speed - 9.13 Knots								
I.H.P 192 R.P.M. 112.0 Steam Pressure at Engine 80.5 p.s.i.: Vacuum 26 3/4 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 6650.					Net Profit - £ 315.			
CAREER								
Initial Trade:								
1918 - became Paxcoi - Ionian Strm. Nav. Co. Angostoli, Greece.								
1922 - " Agios Georghios (Necomantakis - Piraeus)								
1931 - " Alexandros Gombos								
1935 - " Elliniki Dimokvratika.								
16 July 1937 - Sank between Chalka & Beirut carrying a cement cargo.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GERGOVIA.	SHIP No	DELIVERY YEAR
Scott & Co. CD	Cargo Passenger	SHIP OWNER	Compagnie Francaise de Nav a Vapeur. Cyprien Fabre & Cie. Marseille...	230 ENGINE No 284	1884

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	288.5	36.5	25.75	20.67		2024	1376	4158	2508
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYEWEIGHT (TONS)	No. of Masts		
116668	0.67	Clincher	Iron	Schooner	B.V.	1157	2		
DATES	Order	Keel Lay	Launch	17 Dec 1883	Delivery	16 Feb 1884			
Passengers Carried	1st Cl 12	2nd Cl 11	3rd Cl 900	steerage	Launch Sponsor				

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vert.	
CYLINDER DIAMETERS - 36 68 INCHES				STROKE 3.75 FT.		PROPULSION MODE Screw			
N.H.P. 230		I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 3002 SQ. FT.	
EXPANSION RATIO 4.73		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.9}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19.25}$				
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 80 : auxiliary p.s.i.		
Dimensions D x L 12.58 x 16.5 ft				Total Heating Surface 4572 Sq. Ft.			Total Grate Area 161 Sq. Ft.		
Steam Space Volume 1376 cubic feet				Furnaces: total no 8 : dia 3 ft 8 inches : length 6 ft 5 inches					
Boiler Tubes : Diameter 3 1/2 inches : length 6 ft 5 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH LH: Dia 15.0 ft : pitch 20.0 ft : No. of blades				built <input checked="" type="checkbox"/> solid		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				12 11 1/2 12		inches			
Electric Generators : No. -				K.W. each		Voltage -			

TRIAL INFORMATION

Displacement	Tons	: Draught	ft.	: Cb	-	: Speed	-	Knobs
I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i.	: Vacuum	inches Hg			

CONTRACT OUTCOME

Invoice Price	£ 36500.	Net Profit	- £ 1535.
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CAREER

Initial Trade: Eastern Mediterranean service but occasionally sailed from
Marseille to both New York & South America.
Broken up - 1924.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HEKLA.		SHIP No	232	DELIVERY YEAR		
Scott & Co C.D.	Cargo Passenger	SHIP OWNER	Steamship Co. Thingvalla of Copenhagen.		ENGINE No	289	1884.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	330.0	42.0	30.67	24.5		3193	2171	6770	4070
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts	
164142	0.628	Clincher	Iron.		Schooner	B.V.	1696	3	
DATES	Order	June 1882	Kel Lay	Launch 28 Feb 1884		Delivery 19 Apr 1884.			
Passengers Carried	1st Cl	40	2nd Cl	30	3rd Cl	800 emigrant.	Launch Sponsor	-	
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion				
CYLINDER DIAMETERS - 46 84 INCHES					STROKE 4.5 FT.		PROPULSION MODE Screw		
N.H.P. 450	I.H.P. DESIGN RPM		2150		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 3002 SQ. FT.		
EXPANSION RATIO	8.85	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{12.2}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.75}$				
No of Boilers: main		4		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 90 p.s.i. auxiliary -	
Dimensions D x L			15 x 10.5 ft		Total Heating Surface		4572 Sq. Ft.		Total Grate Area 161 Sq. Ft.
Steam Space Volume			1376 cubic feet		Furnaces: total no		: dia ft		inches: length ft inches
Boiler Tubes: Diameter			inches: length ft		inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>
Propeller(s): No. 1		<input checked="" type="checkbox"/> RH LH: Dia 18.0 ft: pitch		22.0 ft: No. of blades 4		built <input checked="" type="checkbox"/> solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-					15 14 1/2 15		inches		
Electric Generators: No. -					: K.W. each: Voltage -				
TRIAL INFORMATION									
Displacement 5700 Tons: Draught 22.0 ft: Cb - 0.654					Speed - 11.14 Knots				
I.H.P. 1429 RPM. 57.25					Steam Pressure at Engine 80.5 p.s.i.: Vacuum 26 3/4 inches Hg				
CONTRACT OUTCOME									
Invoice Price £ 64500					Net Profit £ 1676.				
CAREER									
Initial Trade: New York - Copenhagen.									
Oct. 1898 - Sold to DFDS.									
Sept. 1905 - Sold to A/S Det Dansk-Russiske Dampskibsselskab, Copenhagen									
Nov. 1905 - Sold to Northern Steamship Co. Renamed Eduard Regel.									
1908 - Sold to St. Petersburg owners and renamed Minsk.									
1910 - Sold to German shipbreakers and broken up at Lemwerder.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht. RETRIEVER	SHIP No 237	DELIVERY YEAR
Scott & Co. CD.	Pleasure Yacht.	SHIP OWNER	Onesiphorus Randall London	ENGINE No 297	1884

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	123.0	17.0	12.0	9.83		125.57	56.32	315	121
BALL CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of MASTS		
—	0.41	clinchet & Carvel	Steel	Schooner	—	48	2		
DATES	Order May 1884	Keel Lay	Launch 15 Nov 1884 steam up !!	Delivery 24 Nov 1884					
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER Greenock Foundry Co	TYPE Steam Compound Expansion	Vert.
CYLINDER DIAMETERS - 15 28 INCHES	STROKE 1.75 FT.	PROPULSION MODE Screw
N.H.P. 50	I.H.P. 200.	DESIGN SPEED 11 KNOTS
EXPANSION RATIO 6.96	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{12.2}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.5}$
No of Boilers: main 1 : auxiliary —	TYPE: Cylindrical	Working : main 90 Pressure : auxiliary p.s.i.
Dimensions D x L 9.5 x 8.17 ft	Total Heating Surface 642 Sq. Ft.	Total Grate Area 25 Sq. Ft.
Steam Space Volume 169 cubic feet	Furnaces: ^{total} no 2 : dia 2 ft 6 inches : length 5 ft 8 inches	
Boiler Tubes : Diameter 3 $\frac{1}{4}$ inches : length 5 ft 8 inches	Fuel Coal	Draught : Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1 ^{RH} LH : Dia 7.5 ft : pitch 11.0 ft : No. of blades 4	built <input checked="" type="checkbox"/> solid	: material
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-	5 $\frac{3}{8}$ 5 $\frac{1}{8}$ 5 $\frac{3}{8}$	inches
Electric Generators : No. — : —	K.W. each : Voltage —	

TRIAL INFORMATION

Displacement 144 .	Tons : Draught 7.88 ft : Cb - 0.305	: Speed - 11 Knots
I.H.P. 215	R.P.M. 116.0	Steam Pressure at Engine 91 p.s.i. : Vacuum 26 inches Hg

CONTRACT OUTCOME

Invoice Price £ 8426	Net Profit £ 798.
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CAREER

Initial Trade: Pleasure Yachting

1898 having been Kataomba, renamed Marguerite.

1910 - Rhadora - W. Rice, Southampton.

1911 - - - Sir R.H. Williams, London.

1915 - Iliona - Thos. Manning.

1919 - - - Le Havre

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TELAMON.		SHIP No	238	DELIVERY YEAR		
Scott & Co CD.	Cargo Liner.	SHIP OWNER	Ocean Steam Ship Co. Liverpool.		ENGINE No	298	1885		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	318.8	36.0	27.75	24.43		2397	1555	4780	2897
BALE CAPACITY (Bale Tons)	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
141,411	0.65	Clincher	Iron		Schooner	-	1209	3	
DATES	Order 19 Aug 1884		Keel Lay		Launch 16 Mar 1885		Delivery 18 Apr 1885		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Mrs. Morgan. wife of Supt.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 27 58 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw.		
N.H.P. 400	L.H.P. 1600		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1925 SQ. FT.		
EXPANSION RATIO 5.67		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{27.8}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{24.5}$			
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical (D/E).				Working Pressure: main 80 p.s.i. auxiliary -			
Dimensions D x L 16.0 x 24.0 ft				Total Heating Surface 5015 Sq. Ft.		Total Grate Area 153 Sq. Ft.			
Steam Space Volume 1233 cubic feet				Furnaces: total no 6 : dia 4 ft 3 inches : length 7 ft 6 inches					
Boiler Tubes: o.d. Diameter 4 inches : length 9 ft 0 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 RH <input checked="" type="checkbox"/> LH: Dia 15.75 ft : pitch 20.5 ft : No. of blades 4 built <input checked="" type="checkbox"/> solid				material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14 11 1/2 12 1/2 inches									
Electric Generators: No. : K.W. each : Voltage									
TRIAL INFORMATION									
Displacement 2750 Tons : Draught 14.38 ft. : Cb - 0.581 : Speed - Knots									
I.H.P. 1117 R.P.M. 57.5 Steam Pressure at Engine 80 p.s.i. : Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 37500					Net Profit £ 1665				
CAREER									
Initial Trade :									
1897 - Transferred to N.S.M.O.									
December 1902 - Sold and scrapped at Genoa.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S TITAN	SHIP No	DELIVERY YEAR
Scott & Co C.D.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.	239	1885
				ENGINE No	
				299	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	318.83	36.0	27.75	24.33		2397	1555	4780	2897
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL	PAF	RUGED	CLASSIFICATION SOCIETY	BYOOLD IRON WEIGHT - TONS	No. of Masts	
141,411	0.65	Clincher	Iron		Schooner	-	1209	3	
DATES	Order 19 Aug 1884.		Kel Lay			Launch 16 Apr 1885	Delivery 18 May 1885		
Passenger Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			

MACHINERY

SUPPLIER Greenock Foundry Co			TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 27 58		INCHES	STROKE 5.0		FT.	PROPULSION MODE Screw
N.H.P. 400	I.H.P 1600 DESIGN RPM	DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1925 SQ.FT.
EXPANSION RATIO 5.67	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{27.8}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{24.5}$			
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical (D.E.)			Working : main 80 Pressure : auxiliary p.s.i.	
Dimensions D x L 16.0 x 24.0		ft	Total Heating Surface 5015		Sq Ft	Total Grate Area 153 Sq. Ft.
Steam Space Volume 1233		cubic feet	Furnaces: ^{total} no 6 : dia 4 ft 3 inches : length 7 ft 6 inches			
Boiler Tubes : Diameter ^{o.d.} 4		inches : length 9	ft 0	inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s) : No. 1 ^{✓RH} LH: Dia 15.75 ft : pitch 20.5		ft : No. of blades 4	^{built} : solid		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14 11 1/2 12 1/2 inches						
Electric Generators : No. - : - K.W. each : Voltage -						

TRIAL INFORMATION (See Telegram)

Displacement	-	Tons: Draught	-	ft.: Cb	-	: Speed	-	Knots
I.H.P.	-	R.P.M.	-	Steam Pressure at Engine	-	p.s.i.: Vacuum	-	inches Hg

CONTRACT OUTCOME

Invoice Price	£37500	Net Profit	£1665
CAREER			
Initial Trade:			
1895	-	Transferred to N.S.M.O.	
December 1902	-	Sold and scrapped at Genoa.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Yacht ARGO		SHIP No	240	DELIVERY YEAR		
Scott & Co CD	Pleasure Yacht	SHIP OWNER	Alfred Holt. Liverpool		ENGINE No	300	1885		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register T	Displacement	Deadweight
	140.75	23.25	14.17	11.6		360.2	203.3	530	188
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts		
3404	0.475	Clincher	Iron	Schooner		161	2		
DATES	Order			Kel Lay	Launch 13 Jul 1885		Delivery 30 Jul 1885		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion .. Vert				
CYLINDER DIAMETERS - 16 32 INCHES					STROKE 2.33 FT.		PROPULSION MODE Screw.		
N.H.P. 200	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO 6.4	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{16}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{16.9}$		
No of Boilers: main 1 : auxiliary -		TYPE: Oval			Working Pressure: main 90 : auxiliary p.s.i.				
Dimensions 13.0h x 9.0w x 8.5l ft		Total Heating Surface		754 Sq. Ft.		Total Grate Area		34 Sq. Ft.	
Steam Space Volume 285 cubic feet		Furnaces: total no 2 : dia 3 ft 4 inches : length 6 ft 0 inches							
Boiler Tubes: Diameter 3 $\frac{1}{2}$ inches : length 6 ft 0 inches		Fuel Coal		Natural <input checked="" type="checkbox"/> Draught: Forced					
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 9.5 ft : pitch 13.75 ft : No. of blades 4		built: solid <input checked="" type="checkbox"/>		: material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 6 $\frac{1}{2}$, 6, 6 $\frac{1}{4}$ inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 370 Tons: Draught 9.71 ft.: Cb - 0.408 : Speed 10.85 Knots									
I.H.P. 299 RPM. 85.9 Steam Pressure at Engine 93 p.s.i.: Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £8837.					Net Profit £962.				
CAREER									
Initial Trade: Pleasure Yacht.									
1898 - owned by R.O. Hilliard.									
1912 - " G. Lindsay, Wear Engine Works, Sunderland.									
1913 - became a tug boat.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HANGCHOW	SHIP No	DELIVERY YEAR
Scott & Co C.D.	General Cargo.	SHIP OWNER	China Navigation Co. London	241	1885
				ENGINE No	
				301	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	260.0	33.0	24.25	24.25		1572	999	3428	2368
SALE CAPACITY GROSS TONS	C _B	CONSTRUCTION	MATERIAL	FAP	RIGGED	CLASSIFICATION SOCIETY	BYE OLD STUW WEIGHT - TONS	No. of Masts	
107204	0.58	Clincher	Steel		Schooner		697	2	
DATES	Order 2 May 1885		Keel Lay 22 May 1885		Launch 24 Sep. 1885		Delivery 6 Nov 1885		
Passenger Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor		

MACHINERY

SUPPLIER Greenock Foundry Co.			TYPE Steam Compound Expansion			Vert.		
CYLINDER DIAMETERS- 29 58 INCHES			STROKE 3.5 FT.		PROPULSION MODE Screw			
N.H.P. 180	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1800 SQ. FT.	
EXPANSION RATIO 8.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.5}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19.35}$					
No of Boilers: main 2		: auxiliary -	TYPE: Cylindrical			Working Pressure : main auxiliary p.s.i.		
Dimensions D x L 13.5 x 9.75 ft			Total Heating Surface 2868 Sq Ft		Total Grate Area 110 Sq. Ft			
Steam Space Volume 872 cubic feet			Furnaces: ^{total} no 6 : dia 3 ft 4 inches : length 6 ft 8 inches					
Boiler Tubes : Diameter ^{o.d.} 3 1/2 inches : length 6 ft 8 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{✓ RH} LH: Dia 14.0 ft : pitch 17.0 ft : No. of blades 4			built : solid <input checked="" type="checkbox"/>		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-						10 1/4 9 3/4 10 1/4 inches		
Electric Generators : No. - : -						K.W. each : Voltage -		

TRIAL INFORMATION

Displacement	3032	Tons: Draught	18.17	ft.: C _b -	0.68	: Speed -	10.59	Knots
I.H.P.	852	R.P.M.	68.5	Steam Pressure at Engine	80	p.s.i.: Vacuum	27	inches Hg

CONTRACT OUTCOME

Invoice Price	£ 24315	Net Profit	£ 3223
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CAREER

Initial Trade: China Coaster.

January 1887 - Stranded on Tsingseu Is near Amoy. - refloated.

April 1923 - Sold to Chinese breakers.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HEBE		SHIP No	243	DELIVERY YEAR		
Scott & Co CD.	General Cargo	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	303	1885		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	190.0	30.5	12.25	9.8		545.2	345.6	948	474
BALE CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED IRON WEIGHT - TONS	No. of Masts	
30 394	0.585	Clincher	Iron		Sloop		261.5	One	
DATES	Order 19 June 1885		Keel Lay	-	Launch 14 Oct 1885	Delivery 7 Nov. 1885			
Passengers Carried	1st Cl -		2nd Cl -	3rd Cl -	Launch Sponsor	-			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 21 38 INCHES					STROKE 2.5 FT.	PROPULSION MODE Screw			
N.H.P. 90	I.H.P. DESIGN RPM		DESIGN SPEED		11 KNOTS	CONDENSER COOLING SURFACE 950 SQ. FT.			
EXPANSION RATIO 5.26	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{14.4}$		RATIO	S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{14.5}$			
No of Boilers: main 1	: auxiliary		TYPE: Oval (D.E.)			Working Pressure: main 90 p.s.i. : auxiliary			
Dimensions 170h x 10.17w x 12.96l ft			Total Heating Surface 2066 Sq. Ft.			Total Grate Area 54 Sq. Ft.			
Steam Space Volume 580 cubic feet			Furnaces: total no 4 : dia 3 ft 10 8 inches : length 4 ft 8 inches						
Boiler Tubes: Diameter 3 inches : length 4 ft 8 inches			Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 9.33 ft : pitch 13.0 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 7 1/2 7 1/4 7 1/2 inches									
Electric Generators: No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement - Tons : Draught - ft. : Cb - : Speed - Knots									
I.H.P. 525 R.P.M. 101 Steam Pressure at Engine 90 p.s.i. : Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £12822					Net Profit £2082				
CAREER									
Initial Trade: Singapore Coastal.									
1910 - sold to R.C. Willis & partners Singapore.									
1912 - transferred to Straits S.S. Co.									
1922 - broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SOOCHOW	SHIP No 242	DELIVERY YEAR
Scott & Co CD.	General Cargo.	SHIP OWNER	China Navigation Co London	ENGINE No 302	1885

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	260.0	33.0	24.25	24.25		1572	999	3428	2368

SALE CAPACITY (Gross Tons)	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD STRIP WEIGHT - TONS	No. of Masts
107204	0.58	Clincher	Steel	Schooner		697	2

DATES	Order 2 May 1885	Kel Lay 22 May 1885	Launch 27 Oct 1885	Delivery 16 Nov 1885
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Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor
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MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Compound Expansion	Vert.
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CYLINDER DIAMETERS	29 - 58	INCHES	STROKE	3.5	FT.	PROPULSION MODE	Screw
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N.H.P. 180	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE	1800 SQ. FT.
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EXPANSION RATIO	8.0	RATIO	$\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.5}$	RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{19.35}$
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No of Boilers: main	2	: auxiliary	-	TYPE: Cylindrical	Working Pressure	main auxiliary	p.s.i.
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Dimensions D x L	13.5 x 9.75	ft	Total Heating Surface	2868	Sq Ft	Total Grate Area	110	Sq. Ft.
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Steam Space Volume	872	cubic feet	Furnaces: total no	6	: dia 3 ft 4 inches	: length 6 ft 8 inches
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Boiler Tubes: Diameter	3 $\frac{1}{2}$	o.d. inches	: length	6 ft 8 inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
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Propeller(s): No.	1	^{o.d.} RH LH: Dia 14.0 ft	: pitch	17.0 ft	: No. of blades	4	built: solid <input checked="" type="checkbox"/>	: material
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Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	10 $\frac{1}{2}$	9 $\frac{3}{4}$	10 $\frac{1}{4}$	inches
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Electric Generators: No.	-	: K.W. each	: Voltage	-
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TRIAL INFORMATION

Displacement	Tons	: Draught	ft.	: Cb	-	: Speed	-	Knots
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I.H.P.	R.P.M.	Steam Pressure at Engine	p.s.i.	: Vacuum	inches Hg
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CONTRACT OUTCOME

Invoice Price	£ 24315	Net Profit	£ 3223
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CAREER

Initial Trade: China Coaster

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August 1895 - Wrecked, N.E. promontory near Chefoo,

when inbound from Chinkiang.

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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD.	Sailing Vessel	GOWANBURN.	244	1886
		SHIP OWNER	ENGINE No	
		D & R Shankland. J.M'Lean, W. Philp & Capt. Young. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.3	41.9	25.25	20.25		2079	2000	4450	3132
SALE CAPACITY Cube Feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.665	Clincher		steel.		Barque	L.R.	969	4
DATES	Order 16 Sept 1885			Keel Lay		Launch 5 Apr 1886		Delivery 30 Apr 1886	
Passengers Carried						Launch Sponsor Miss Shankland. d. of Provost Shankland			

CONTRACT OUTCOME

Invoice Price £20,024.

Net Profit £1882.

CAREER.

1892 - left Newcastle, Australia for San Francisco on 15th Feb.

Sighted off Awakino in fine weather on 22nd Feb.

Gale sprang up - wreckage from Gowanburn washed up on Awakino on 23rd Feb.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co.		LIGHTERS for TAIKOO REFINERY.	See below.	2- 1886
		SHIP OWNER	ENGINE No	2- 1890
		J. Swire & Sons. London & Hong Kong.	—	4- 1893

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	130.0	30.0	10.0	7.9		-	339	690	-
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
25346	0.782		Steel.	-	-	131			
DATES	Order		Keel Lay		Launch		Delivery		
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price £19,953 for 8 lighters

Net Profit £7,746 for 8 lighters

CAREER.

2 shipped 14th June 1886. - Scotts' nos. 250, 263.

2 " 13th October 1890. - " " 280, 281.

4 " June 1893. - " " 312-3-4-5.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co c-b.	General Cargo	T.S.S. TUNGCHOW.	245	1886
		SHIP OWNER	ENGINE No	
		China Navigation Co - London	304	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	255.0	34.0	21.0	16.75		1502	952	2710	1640
BASE CAPACITY <small>under Deck</small>	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STOW WEIGHT - TONS	No. of Masts		
84793	0.653	Clincher	Steel	Schooner	-	587	2		
DATES	Order Nov 1885		Keel Lay	-	Launch 15 May 1886	Delivery 12 Jun 1886			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	-			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion				Vert.	
CYLINDER DIAMETERS- 25 52 INCHES				STROKE 2.5 FT.		PROPULSION MODE		Twin Screw	
N.H.P. 300		I.H.P. 1500 DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 2752 SQ. FT.	
EXPANSION RATIO 6.9		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.0}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.6}$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working : main 90 Pressure : auxiliary p.s.i.			
Dimensions DxL 14.5 x 11.25 ft				Total Heating Surface 4176 Sq Ft		Total Grate Area 135 Sq. Ft.			
Steam Space Volume 1230 cubic feet				Furnaces : ^{total} no 6 : dia 3 ft 9 inches : length 8 ft 0 inches					
Boiler Tubes : Diameter 4 ^{o.d.} inches : length 8 ft 0 inches				Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 2 ^{✓RH} LH: Dia 11.0 ft : pitch 16.0 ft : No. of blades 4				built : solid <input checked="" type="checkbox"/>		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				8 ³ / ₄ 8 ¹ / ₄ 8 ³ / ₄ .		inches			
Electric Generators : No. - : -				K.W. each : Voltage -					

TRIAL INFORMATION

Displacement	1856	Tons: Draught	12.54 ft.: Cb - 0.597	: Speed - 12.66 Knots
I.H.P 1499	R.P.M. 90.1	Steam Pressure at Engine	89 p.s.i.:	Vacuum 27.5 inches Hg

CONTRACT OUTCOME

Invoice Price £29716	Net Profit £2854
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CAREER

Initial Trade: China Coaster.
1905 - Sold to Russian Ministry of War & renamed 'Dniepr.'
1906 - " Far Eastern S.S. & Nav. Co. - Vladivostok.
1920 - Was 'Yungshin' (Ningpo Shaoshing S.S. Co. - Shanghai)
on Shanghai - Ningpo service.
May 1933 - Stranded on reef on Chusulsles when bound Foochow - Shanghai.
Of 300 passengers landed 13 were seized by pirates, who looted the vessel before being put to flight by a customs cruiser.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHANGSHA				SHIP No	DELIVERY YEAR	
Scott & Co CD.	Cargo Passenger	SHIP OWNER	China Navigation Co London				ENGINE No 305	1886	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	320.0	38.0	25.0	20.02		2269	1463	4436	2683
SAIL CAPACITY	G	CONSTRUCTION	MATERIAL FAP		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK TONS	No. of Masts	
126930	0.638	Clincher	Steel		Schooner	-	1058	2	
DATES	Order	Dec 1885		Kel Lay	Launch 17 Jul 1886		Delivery 23 Aug 1886		
Passenger Carried	1st Cl	2nd Cl		3rd Cl	Launch Spontot				
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion Vert.					
CYLINDER DIAMETERS - 25 40 62 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw			
P.S.P. 400	I.H.P. - 1800		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.		
EXPANSION RATIO	10.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.0}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.8}$					
No of Boilers: main	2	: auxiliary -		TYPE: Cylindrical (D.E)		Working Pressure: main 150 p.s.i. auxiliary			
Dimensions D x L 12.5 x 16.0 ft				Total Heating Surface		46025 sq Ft	Total Grate Area 157.4 Sq Ft		
Steam Space Volume		1094 cubic feet		Furnaces: ^{total} no 12 : dia 2 ft 11 inches : length 6 ft 6 inches					
Boiler Tubes: Diameter		3 1/2 inches: length 6 ft 6 inches		Fuel Coal		Draught: Natural			
Propeller(s): No. 1		✓ RH LH: Dia 16.5 ft: pitch 18.5 ft: No. of blades 4		built: solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-				12 3/4 12 1/2 12 3/4		inches			
Electric Generators: No. -				: K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement 2868		Tons: Draught 14.88 ft: Cb - 0.554		Speed - 12.52 Knots					
I.H.P 1616		R.P.M. 70		Steam Pressure at Engine 150 p.s.i.:		Vacuum - 27 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 161423 for ships 246-9 incl. Net Profit £ 17531 for ships 246-9 incl.									
CAREER									
Initial Trade: Built for China / Australia trade.									
Dec 1886 - first of quartette to arrive in Sydney.									
1st Aug 1912 - sold to Australian - Oriental Line. (G.S. Yuille - managers)									
Refrigeration fitted.									
Aug 1926 - Sold to Chinese breakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHINGTU.	SHIP No	247	DELIVERY YEAR
Scott & Co CD.	Cargo Passenger	SHIP OWNER	China Navigation Co - London.	ENGINE No	306	1886

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	320.0	38.0	25.0	20.02		2268	1459	4436	2683
BALL CAPACITY	G _B	CONSTRUCTION	MATERIAL	FAF	RIGGED	CLASSIFICATION SOCIETY	ENGINE	NO. OF MACHS	
126930	0.638	Clincher	Steel		Schooner	-	1058	2	
DATES	Order	Dec 1885	Kael Lay		Launch	19 Aug. 1886	Delivery	29 Sept. 1886	
Passenger Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor	Miss Scott - daughter of builder.			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion	Vent.	
CYLINDER DIAMETERS -	25 40 62 INCHES	STROKE	4.0 FT.	PROPULSION MODE	Screw
N.H.P. 400	I.H.P. - 1800	DESIGN RPM		DESIGN SPEED	KNOTS
EXPANSION RATIO	10.0	RATIO	$\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.0}$	RATIO	$\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.8}$
No of Boilers: main	2	: auxiliary	-	TYPE: Cylindrical (D.E)	Working Pressure: main 150 p.s.i. auxiliary
Dimensions D x L	12.5 x 16.0	ft	Total Heating Surface	4602 Sq Ft	Total Grate Area
Steam Space Volume	1094 cubic feet	Furnaces: total no	12	: dia	2 ft 11 inches
Boiler Tubes: Diameter	3 1/2	inches: length	6 ft 6 inches	Fuel	Coal
Propeller(s): No.	1	✓ RH LH: Dia	16.5 ft	: pitch	18.5 ft
No. of blades	4	built: solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	12 3/4	12 1/2	12 3/4	inches	
Electric Generators: No.	-	: K.W. each	-	Voltage	-

TRIAL INFORMATION

Displacement	4390	Tons: Draught	20.63	ft.: Cb	- 0.612	: Speed	- 11.9	Knobs
I.H.P	1608	R.P.M.	67	Steam Pressure at Engine	147	p.s.i.: Vacuum	26 1/2	inches Hg

CONTRACT OUTCOME

Invoice Price	See ship 246	Net Profit	See ship 246
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CAREER

Initial Trade: Built for China / Australia trade.

July 1909 - Sold to Ping An S.S.Co. - Wallem & Co, Mgrs - Shanghai.

& renamed 'Chingtuan'

1910 - Sold to J. Christensen - Bergen - and renamed 'Chingtufu'.

1914 - " " Russian Volunteer Fleet Assocn. - renamed 'Yanu Maru'

1923 - " " Hasegawa Tosaburo - Hakodate - renamed 'Toyokuni Maru'

1929 - Wrecked at Cape Evino, Hakodate.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TAIYUAN		SHIP No	248	DELIVERY YEAR		
Scott & Co CD.	Cargo Passenger	SHIP OWNER	China Navigation Co London		ENGINE No	307	1886		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	320.0	38.0	25.0	20.02		2269	1459	4436	2683
SALE CAPACITY	G	CONSTRUCTION	MATERIAL		REGISTERED	CLASSIFICATION SOCIETY	BYEOLD	No. of Masts	
126930	0-638	Clincher	Steel		Schooner		1058	2	
DATES	Order	Dec 1885	Kel Lay	Launch 28 Sept. 1886		Delivery 4 Nov. 1886			
Passenger Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. Spalding of Skelmorlie.					
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion Vert.					
CYLINDER DIAMETERS - 25 40 62 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw			
N.H.P. 400	I.H.P. 1800		DESIGN SPEED		CONDENSER COOLING SURFACE 3000 SQ. FT.				
EXPANSION RATIO	10.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.0}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.8}$					
No of Boilers: main	2	auxiliary -		TYPE: Cylindrical (D.E)		Working Pressure: main 150 p.s.i. auxiliary -			
Dimensions D x L 12.5 x 16.0 ft			Total Heating Surface 4602 Sq Ft		Total Grate Area 157.4 Sq Ft				
Steam Space Volume 1094 cubic feet		Furnaces: total no 12: dia 2 ft 11 inches: length 6 ft 6 inches							
Boiler Tubes: Diameter 3 1/2 inches: length 6 ft 6 inches		Fuel: Coal		Draught: Natural Forced					
Propeller(s): No. 1		RH LH: Dia 16.5 ft: pitch 18.5 ft: No. of blades 4		built: solid		material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: 12 3/4 12 1/2 12 3/4 inches									
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 4132 Tons: Draught 19.67 ft: Cb - 0.604: Speed - 11.06 Knots									
I.H.P. 1150 R.P.M. 64 Steam Pressure at Engine 144 p.s.i.: Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price See ship 246				Net Profit See ship 246					
CAREER									
Initial Trade: Built for China-Australia trade.									
July 1912 - Sold to Australian Oriental Line (G.S. Yuille-Managers)									
Refrigeration fitted.									
Aug 1926 - Sold to Chinese breakers.									
Dec 1926 - Broken up in Japan.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TSINAN.		SHIP No	249		DELIVERY YEAR
Scott & Co CD.	Cargo Passenger	SHIP OWNER	China Navigation Co. London.		ENGINE No	308		1886
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	320.0	38.0	25.0	20.02		2269	1460	4436
BALE CAPACITY (CUBIC FEET)	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
126,930	0.638	Clincher	Steel.	Schooner	-	1058	2	
DATES	Order	Dec 1885		Keel Lay	Launch 28 Oct 1886		Delivery 11 Dec 1886	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor				
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion Vert.				
CYLINDER DIAMETERS - 25 40 62 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw.		
N.H.P. 400	I.H.P. - 1200		DESIGN RPM		DESIGN SPEED	CONDENSER COOLING SURFACE 3000 SQ. FT.		
EXPANSION RATIO 10.0		RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15.0		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/15.8		
No of Boilers: main 2		auxiliary -		TYPE: Cylindrical (D.E.)		Working Pressure: main 150 p.s.i. auxiliary -		
Dimensions DxL 12.5 x 16.0 ft		Total Heating Surface 4602 Sq. Ft.		Total Grate Area 157.4 Sq. Ft.				
Steam Space Volume 1094 cubic feet		Furnaces: total no 12 : dia 2 ft 11 inches : length 6 ft 6 inches						
Boiler Tubes: Diameter 3 1/2 inches : length 6 ft 6 inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 ^{RH} LH: Dia 16.5 ft : pitch 18.5 ft		No. of blades 4		built: solid : material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 12 3/4 12 1/2 12 3/4 inches								
Electric Generators: No. - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement: 2810		Tons: Draught 14.63 ft.		Cb - 0.553		Speed - Knots		
I.H.P. 990		R.P.M. 64		Steam Pressure at Engine 135 p.s.i.		Vacuum 28 inches Hg		
CONTRACT OUTCOME								
Invoice Price		See Ship 246		Net Profit		See Ship 246.		
CAREER								
Initial Trade: Built for China - Australia Trade.								
July 1909 - Sold to Ping An S.S.Co. - Shanghai - renamed 'Tsinanfu.'								
1910 - . . . J. Christensen - Bergen.								
1914 - . . . Russian Volunteer Fleet - Vlad. - renamed 'Indigirka'.								
June 1918 - Jardine Mathieson became managers - renamed Tsinan.								
1919 - Reverted to R.V.F. as 'Indigirka'.								
1924 - Incorporated into Soviet fleet.								
1933 - Became depot ship for salvage service.								
Dec. 1939 - Struck reef and sank in Ochotsk Sea off N.W. tip of Hokkaido								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht ALCA.		SHIP No	251	DELIVERY YEAR		
Scott & Co. C.D.	Pleasure Yacht.	SHIP OWNER	John Wingfield Malcolm; Lochgilphead.		ENGINE No	310	1887		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	80.5	14.0	10.0	8.125		55.85	20.24	120	83
BALL CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.42	Clincher	Steel		Sloop	-	26 1/4	1	
DATES	Order 5 Mar 1887		Keel Lay		Launch 21 Jun 1887		Delivery 9 Jul 1887		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion Vert.				
CYLINDER DIAMETERS - 7 11 18 INCHES					STROKE 1.5 FT.		PROPULSION MODE Screw		
N.H.P. 30	I.H.P. 150.		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE SQ. FT.		
EXPANSION RATIO 11.68		RATIO		Air Pump Capacity LP. Cylinder Volume = 1/10.7		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/11.5	
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical.			Working Pressure: main 160 p.s.i. auxiliary		
Dimensions D x L 7.25 x 7.33 ft				Total Heating Surface 313 Sq. Ft.		Total Grate Area 12 Sq. Ft.			
Steam Space Volume 80 cubic feet				Furnaces: total no 1 : dia 3 ft 0 inches : length 5 ft 1 inches					
Boiler Tubes: Diameter 2 3/4 inches : length 5 ft 1 inches				Fuel Coal		Draught: Natural/Forced			
Propeller(s): No. 1				RH LH: Dia 6.25 ft : pitch 7.17 - ft : No. of blades 4		built solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 4 4 4 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 93		Tons: Draught 7.25 ft: Cb - 0.398: Speed - 10.06 Knots							
I.H.P. 110.7 R.P.M. 144		Steam Pressure at Engine 150 p.s.i.: Vacuum 24 inches Hg							
CONTRACT OUTCOME									
Invoice Price £ 2785					Net Profit - £44.				
CAREER									
Initial Trade: Pleasure Yachting:									
Up to 1889 - remained with Col. Malcolm.									
1898 - owned by Albert Wood.									
1909 - " A. Crossman. until 1911.									
Nov 1912 - Sunk.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Yacht SANTANNA.	SHIP No 252	DELIVERY YEAR 1887
Scott & Co CD.	Pleasure Yacht.	SHIP OWNER	Monsieur Louis. Prat, Marseille.	ENGINE No 311	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	180.0	24.0	15.5	12.5		342	167	600	-
SALE CAPACITY under Deck	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts
-	0.39	Clincher & Carvel		Steel		Schooner	L.R.	155	2
DATES	Order 26 Mar. 1887			Keel Lay		Launch 22 Aug 1887		Delivery 5 Oct 1887	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion .				Vert.	
CYLINDER DIAMETERS - 17 28 46				INCHES		STROKE 2.5		FT. PROPULSION MODE Screw	
N.H.P. 150		I.H.P. - 750		DESIGN SPEED		13.6 KNOTS		CONDENSER COOLING SURFACE 1500 SQ. FT.	
EXPANSION RATIO 10.6		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14.7}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16}$					
No of Boilers : main 1		: auxiliary -		TYPE : Cylindrical			Working Pressure : main 150 : auxiliary p.s.i. -		
Dimensions D x L 14.5 x 10.75				ft		Total Heating Surface 1932		Sq. Ft. Total Grate Area 63	
Steam Space Volume 468		cubic feet		Furnaces : total no 3 : dia 3 ft 6 inches : length 7 ft 6 inches					
Boiler Tubes : Diameter 3 $\frac{3}{4}$ inches : length 7 ft 6 inches				Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1		^{RH} LH : Dia 9.83 ft : pitch 14.0		ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 8 $\frac{1}{2}$ 8 $\frac{1}{4}$ 8 $\frac{3}{4}$ inches									
Electric Generators : No. - : K.W. each : Voltage -									

TRIAL INFORMATION

Displacement	495	Tons: Draught	11.58 ft.	: Cb	- 0.346	: Speed	- 13.66 Knots
I.H.P.	782	R.P.M.	109.0	Steam Pressure at Engine	147 p.s.i.	: Vacuum	27 inches Hg

CONTRACT OUTCOME

Invoice Price	£ 15322	Net Profit	£ 289
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CAREER

Initial Trade:

Up to 1909 - owned by M. Louis Prat.

1909 - 10 - " Robt. Muirhead. Glasgow.

1911 - 12 - " Cie. Napolitana de Navigazione.

1913 - No longer a yacht (presume a ferry.)

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SAPPHO		SHIP No	253	DELIVERY YEAR	1887
Scott & Co CD.	General Cargo	SHIP OWNER	Alf. Holt, Liverpool, G.J. Mansfield, Swansea.		ENGINE No	314		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	190.0	30.5	12.42	9.8		532	328	948
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	--- RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
30394	0.585	Clincher	Iron	Schooner		259	2	
DATES	Order 16 Jul 1887		Keel Lay	28 Jul 1887	Launch	29 Oct 1887	Delivery	17 Nov 1887
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion. Vert.				
CYLINDER DIAMETERS - 19 1/2 38 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw.		
N.H.P. 90	I.H.P. DESIGN RPM		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 950 SQ. FT.	
EXPANSION RATIO 6.5	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/14.5		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/14.5	
No of Boilers: main 1	: auxiliary -		TYPE: Oval.			Working Pressure: main 110 p.s.i. : auxiliary -		
Dimensions 17.0h x 10.17w x 12.98l ft			Total Heating Surface 2066 Sq. Ft.			Total Grate Area 62 Sq. Ft.		
Steam Space Volume 580 cubic feet			Furnaces: total no 4 : dia 3 ft 10 3/8 inches : length 4 ft 8 inches					
Boiler Tubes: Diameter 3 inches : length 4 ft 8 inches			Fuel Coal			Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 9.33 ft : pitch 12.5 ft : No. of blades 4			built: solid <input checked="" type="checkbox"/> : material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 7 3/4 7 1/2 7 3/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 817 Tons: Draught 9.38 ft: Cb - 0.526: Speed - 11.65 Knots								
I.H.P. 575 R.P.M. 108.1 Steam Pressure at Engine 110 p.s.i.: Vacuum 26 1/2 inches Hg								
CONTRACT OUTCOME								
Invoice Price £11000				Net Profit -£21.				
CAREER								
Initial Trade:								
1890 - Transferred to the Straits Steam Ship Co.								
1923 - Sold to the Menam Pilots Association Bangkok and used as a pilot station.								
1928 - Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. LADY WELD.	SHIP No	254	DELIVERY YEAR
Scott & Co. CD.	Coastal paddle steamer	SHIP OWNER	D. Mackinnon, G.S. Mackenzie, R.H. Evans, London	ENGINE No	315	1888.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	220.0	30.0	10.0	5.93		511	242	653	253
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED (GROSS) WEIGHT - TONS	No. of Masts		
24532	0.581	Clincher	Steel	Schooner.	-	186	2		
DATES	Order 3 Aug 1887			Kel Lay	Launch 10 Jan 1888		Delivery 6 Feb 1888		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.				Diag.	
CYLINDER DIAMETERS - 20 30 48 INCHES				STROKE 4.0 FT.		PROPULSION MODE Paddles.			
N.H.P. 150		I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1300 SQ. FT.	
EXPANSION RATIO 7.58		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{21.8}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = (6'' \text{ pump})$				
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 160 : auxiliary p.s.i.		
Dimensions D x L 8 x 15.5 ft				Total Heating Surface 1804 Sq Ft			Total Grate Area 58 Sq. Ft.		
Steam Space Volume 496 cubic feet				Furnaces: ^{total} no 4 : dia 2 ft 11 inches : length 5 ft 11 inches					
Boiler Tubes: Diameter 3 inches: length 6 ft 3 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Paddle Wheels - Feathering - 12 ft. 0 in diameter. 8 floats.									
Engine Bearings - 9½ in diameter. Paddle Bearings - 9¼ in. diameter.									
Electric Generators: No. - : K.W. each: Voltage -									

TRIAL INFORMATION

Displacement	606	Tons: Draught	5.67	ft.: C _b	0.567	: Speed	11.95	Knots
I.H.P.	620	R.P.M.	46.3	Steam Pressure at Engine	121	p.s.i.: Vacuum	27.1	inches Hg

CONTRACT OUTCOME

Invoice Price	£ 14386	Net Profit	£ 1925.
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CAREER

Initial Trade: Port Weld - Penang. Later Singapore - Malacca - Muar.

Vessel was shallow draught, double bowed, steered from both ends for navigation in narrow waters of the Dutch settlement of Batavia. Scrapped 1922.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. SUNG KIANG.		SHIP No	255		DELIVERY YEAR	
Scott & Co C.D.	General Cargo.	SHIP OWNER	China Navigation Co London		ENGINE No	316		1888	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	255.0	36.0	22.5	18.0		1658	994	3390	2300
BALE CAPACITY (Gross Tons)	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
106078	0.718	Clincher	Steel.		Schooner	-	715	2	
DATES	Order			Kel Lay	Launch 30 Apr 1888		Delivery 20 Jun 1888		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Miss Frances A.S. Scott.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion Vert.				
CYLINDER DIAMETERS - 14 23 37 INCHES					STROKE 2.5 FT.		PROPULSION MODE Twin Screw		
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1800 SQ. FT.		
EXPANSION RATIO	11.13	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{13.6}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = $\frac{1}{14}$	
No of Boilers: main	2	: auxiliary	-			TYPE: Cylindrical		Working Pressure: main 150 p.s.i. auxiliary	
Dimensions D x L			12.75 x 9.75 ft		Total Heating Surface		2582 Sq. Ft		
Total			85.5 Sq. Ft		Total Grate Area				
Steam Space Volume			604 cubic feet		Furnaces: total no 6 : dia 3 ft 2 inches : length 6 ft 8 inches				
Boiler Tubes: Diameter			3 1/2 inches : length 6 ft 8 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH			Dia 10.67 ft : pitch 12.5 ft : No. of blades 4		built: solid <input checked="" type="checkbox"/>		material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-			7 1/2 7 1/4 7 1/2 inches						
Electric Generators: No. -			K.W. each: Voltage -						
TRIAL INFORMATION									
Displacement 2970 Tons			Draught 16.63 ft : Cb - 0.681		Speed - 10.94 Knots				
I.H.P. 2081 R.P.M. 92.4			Steam Pressure at Engine 155 p.s.i.		Vacuum 27 inches Hg				
CONTRACT OUTCOME									
Invoice Price £ 23820			Net Profit £ 1396						
CAREER									
Initial Trade: China Coaster.									
October 1908 - became first ship docked at Taikoo Dockyard.									
August 1918 - struck Boat Rocks, Lamock Islands, near Swatow and sank.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. KAIFONG.	SHIP No 256	DELIVERY YEAR
Scott & Co CD.	General Cargo.	SHIP OWNER	China Navigation Co London	ENGINE No 317	1888

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	255.0	36.0	22.5	18.0		1643	998	3390	2300
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STOWAGE CAPACITY - TONS	No. of Masts		
106078	0.718	Clincher	Steel.	Schooner	-	715	2		
DATES	Order		Kel Lay		Launch 12 Jun 1888	Delivery 10 Jul. 1888			
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion Vert.
CYLINDER DIAMETERS -	14 23 37 INCHES	STROKE	2.5 FT.
N.H.P. 250	I.H.P. DESIGN RPM	DESIGN SPEED	KNOTS
EXPANSION RATIO	11.13	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.6}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14}$
No of Boilers: main	2	: auxiliary -	TYPE: Cylindrical
Dimensions D x L -	12.75 x 9.75 ft	Total Heating Surface	2582 Sq Ft
Steam Space Volume	604 cubic feet	Furnaces: ^{total} no 6	: dia 3 ft 2 inches : length 6 ft 8 inches
Boiler Tubes: Diameter	3 $\frac{1}{2}$ inches	: length 6 ft 8 inches	Fuel Coal
Propeller(s): No. 2	^{o.d.} \checkmark RH \checkmark LH: Dia 10.67 ft	: pitch 12.5 ft	: No. of blades 4
Shafting: Crankshaft, Intermediate shaft, tailshaft diameters :-	7 $\frac{1}{2}$ 7 $\frac{1}{4}$ 7 $\frac{1}{2}$		inches
Electric Generators: No.	-	: K.W. each: Voltage	-

TRIAL INFORMATION

Displacement	2847 Tons	: Draught 16.04 ft.	: C _b - 0.677	: Speed - 11.5 Knots
I.H.P 2109	RPM. 93	Steam Pressure at Engine	147.5 p.s.i.	: Vacuum 26 inches Hg

CONTRACT OUTCOME

Invoice Price	£ 23820	Net Profit	£ 1396
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CAREER

Initial Trade: China Coaster.

December 1919 - Grounded near Hongay causing serious bottom damage.

1922 - Sold to Chinese shipbreakers.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. STORMLIGHT.		SHIP No	259		DELIVERY YEAR
Scott & Co. CD.	Lighter	SHIP OWNER	Ross & Marshall Greenock		ENGINE No			1888
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	65.5	18.33	9.0	7.25		87	50	165
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts
—	0.463	Clincher	Steel		Yawl	—	54.5	2
DATES	Order		Keel Lay		Launch 3 Sept. 1888		Delivery 18 Sept 1888	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Kincaid.					TYPE Steam Compound Expansion Vert.			
CYLINDER DIAMETERS - 10 - 19 INCHES					STROKE - 1.25 FT.		PROPULSION MODE Screw.	
N.H.P. 25	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE SQ. FT.	
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main		: auxiliary		TYPE:		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L ft				Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
Steam Space Volume cubic feet				Furnaces: total no		: dia ft		inches: length ft inches
Boiler Tubes: Diameter inches: length ft				inches		Fuel		Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.		RH LH: Dia ft: pitch		ft: No. of blades		built: solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:—								inches
Electric Generators: No.				: K.W. each: Voltage				
TRIAL INFORMATION								
Displacement —		Tons: Draught —		ft: Cb —		: Speed — Knots		
I.H.P. —		R.P.M. —		Steam Pressure at Engine —		p.s.i.: Vacuum —		inches Hg
CONTRACT OUTCOME								
Invoice Price £1150				Net Profit - £120.				
CAREER								
Initial Trade:								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ULYSSES.		SHIP No	257	DELIVERY YEAR				
Scott & Co CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. London.		ENGINE No	318	1888				
TECHNICAL INFORMATION											
DIMENSIONS — FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	318.83	36.0	27.75	22.33		2353	1526	4780	2960		
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts				
143 142	0.65	Clincher	Steel	Schooner	-	1150	2				
DATES	Order 26 Nov 1887			Keel Lay	Launch 13 Aug 1888		Delivery 6 Oct 1888				
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor							
MACHINERY											
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion Vert							
CYLINDER DIAMETERS - 22 $\frac{1}{4}$ 36 59 INCHES				STROKE 4.33 FT.		PROPULSION MODE Screw					
N.H.P. 450	I.H.P. DESIGN RPM		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 2403 SQ. FT.				
EXPANSION RATIO	10.3	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{25.4}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{22.5}$			
No of Boilers: main	1	: auxiliary	-	TYPE: Cylindrical D.E.		Working : main 150 Pressure : auxiliary p.s.i.					
Dimensions D x L			15.0 x 18.5 ft		Total Heating Surface		4411 Sq. Ft.		Total Grate Area	115.5 Sq. Ft.	
Steam Space Volume			819 cubic feet		Furnaces: ^{total} no 6 : dia 3 ft 6 inches : length 6 ft 6 inches						
Boiler Tubes : Diameter			3 $\frac{1}{4}$ inches : length		6 ft 6 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1			^{RH} LH: Dia 15.75 ft : pitch		18.5 ft : No. of blades		4 ^{built} <input checked="" type="checkbox"/> : solid		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches											
Electric Generators : No. : K.W. each : Voltage											
TRIAL INFORMATION											
Displacement		3100		Tons : Draught		16.88 ft. : Cb - 0.56		: Speed - 11.67 Knots			
I.H.P.		1258		R.P.M.		65.67		Steam Pressure at Engine		127 p.s.i. : Vacuum	27 $\frac{1}{4}$ inches Hg
CONTRACT OUTCOME											
Invoice Price £ 36000.					Net Profit £ 847						
CAREER											
Initial Trade :											
Alfred Holt's first triple expansion engine.											
21 st April 1890. Wrecked en route Shanghai - Yokohama											
near Tanabe, Japan.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CABRAL		SHIP No	258	DELIVERY YEAR		
Scott & Co. CD.	General Cargo	SHIP OWNER	Megaw and Norton London		ENGINE No	319	1888		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	230.0	33.0	13.17	10.55		753	467	1456	856
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
44216	0.64	Clincher	Steel		Schooner	-	382	2	
DATES	Order 4 Apr 1888			Keel Lay	Launch 24 Sept 1888		Delivery 20 Oct 1888		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion. Vert.				
CYLINDER DIAMETERS - 16 26 43 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw.		
N.H.P. 98	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1000 SQ. FT.		
EXPANSION RATIO 11.44	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15.3		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/16.4		
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 150 p.s.i. : auxiliary -			
Dimensions D x L 13.5 x 10.5 ft				Total Heating Surface 1700 Sq. Ft.		Total Grate Area 58.5 Sq. Ft.			
Steam Space Volume 404 cubic feet				Furnaces: total no 3 : dia 3 ft 3 inches : length 7 ft 6 inches					
Boiler Tubes: Diameter 3 3/4 inches : length 7 ft 6 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 9.17 ft : pitch 15.0 ft : No. of blades 4 built: solid <input checked="" type="checkbox"/> : material -									
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 8 1/4 8 8 1/2 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 564 Tons: Draught 5.0 ft: Cb - 0.52 : Speed - 10.39 Knots									
I.H.P. 586 RPM. 111.47 Steam Pressure at Engine 117.5 p.s.i.: Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 15150					Net Profit £ 909.				
CAREER									
Initial Trade:									
Became Itabina - Cia Nacional de Costeira - Rio.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MEYUN.		SHIP No	260	DELIVERY YEAR		
Scott & Co. CD.	General Cargo.	SHIP OWNER	John Scott, Greenock		ENGINE No	320	1888		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	110.0	19.0	11.0	8.83		174	91	340	144
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	BYONCEID STRU WEIGHT - TONS	No. of Masts	
6067	0.645	Clincher	Steel		Schooner	L.R.	102	2	
DATES	Order		Keel Lay		Launch 17 Oct 1888		Delivery 8 Nov 1888		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Spalding.				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Compound Expansion Vert.				
CYLINDER DIAMETERS - 14 28 INCHES					STROKE 1.75 FT.		PROPULSION MODE Screw		
N.H.P. 50	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 440 SQ. FT.		
EXPANSION RATIO		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 100 p.s.i. : auxiliary -		
Dimensions D x L 10.0 x 8.17 ft				Total Heating Surface 781 Sq. Ft.		Total Grate Area 28.3 Sq. Ft.			
Steam Space Volume 179 cubic feet				Furnaces: total no 2 : dia 2 ft 10 inches : length 5 ft 9 inches					
Boiler Tubes: Diameter 3 inches : length 5 ft 9 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No.		RH LH: Dia	ft: pitch		ft: No. of blades		built: solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 5½ 5¼ 5½ inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement not taken Tons: Draught not taken ft.: Cb - - : Speed - 9 Knots									
I.H.P. 167 R.P.M. 103 Steam Pressure at Engine 80 p.s.i.: Vacuum 25 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 6677					Net Profit £ 472				
CAREER									
Initial Trade:									
1896 - Sold to Perini Coal Co.									
Jan 1905 - Lost.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ALEXANDER III.		SHIP No	264	DELIVERY YEAR	1889
Scott & Co. CD.	General Cargo	SHIP OWNER	United Steamship of Copenhagen.		ENGINE No	323		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	260.0	36.5	19.17	18.67		1778	1149	3185
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of MASTS	
120837	0.762	Clincher	Steel	Schooner	L.R.	887	2	
DATES	Order	Keel Lay	Launch 18 Mar 1889		Delivery 25 Apr 1889			
Passengers Carried	1st Cl 24	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion. Vert.				
CYLINDER DIAMETERS - 18 29 47 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 190	I.H.P. DESIGN RPM	825	DESIGN SPEED		10 KNOTS			
CONDENSER COOLING SURFACE		1250 SQ. FT.						
EXPANSION RATIO	9.78	RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume		
				= 1/15.3		= 1/15.3		
No of Boilers: main	1	: auxiliary	TYPE: Cylindrical			Working : main 160 Pressure : auxiliary p.s.i.		
Dimensions D x L		15.0 x 11.33		ft		Total Heating Surface		2480 - Sq. Ft.
Total Grate Area		78		Sq. Ft.				
Steam Space Volume		478 cubic feet		Furnaces: total 2 : dia 3 ft 2 inches : length ft inches				
Boiler Tubes: Diameter		4 inches : length		8 ft 0 inches		Fuel Coal		Natural <input checked="" type="checkbox"/> Draught: Forced
Propeller(s): No. 1		RH: Dia 14.0 ft : pitch 15.5 ft		No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 9 1/2 10 inches								
Electric Generators: No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement		3658 Tons		Draught 17.54 ft		Cb - : Speed - 10.33 Knots		
I.H.P. 850		R.P.M. 71.7		Steam Pressure at Engine		160 p.s.i. : Vacuum - 25 1/2 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 25738				Net Profit £ 651				
CAREER								
Initial Trade: St. Petersburg / Riga - Copenhagen - Antwerp - Black Sea.								
Lost on 23rd December 1894 on voyage								
from Libau - to Antwerp.								
(named after Czar Alexander II.)								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CALYPSO.	SHIP No 265	DELIVERY YEAR
Scott & Co CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. - Liverpool.	ENGINE No 323	1889

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	190.0	30.5	12.25	9.8		544	339	948	448
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
30,394	0.585	Clincher	Iron	Sloop	-	268	One		
DATES	Order	Keel Lay	Launch 12 Apr 1889	Delivery 11 May 1889					
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER Greenock Foundry Co.	TYPE Steam Compound Expansion	Vert.
CYLINDER DIAMETERS - 18 $\frac{3}{4}$ - 38 INCHES	STROKE 2.5 FT.	PROPULSION MODE Screw.
N.H.P. 90	I.H.P. DESIGN RPM	DESIGN SPEED 11 KNOTS
EXPANSION RATIO 6.64	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14.4}$	CONDENSER COOLING SURFACE SQ. FT.
No of Boilers: main 1 : auxiliary -	TYPE: Oval	Working : main 120 Pressure : auxiliary p.s.i.
Dimensions: 17.0h x 10.17w x 13.17l ft	Total Heating Surface 2066 Sq. Ft.	Total Grate Area 62 Sq. Ft.
Steam Space Volume 580 cubic feet	Furnaces: total no : dia ft inches : length ft inches	
Boiler Tubes: Diameter o.d. 3 inches : length 4 ft 8 inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No. 1 [✓] RH LH: Dia 9.33 ft : pitch 12.5 ft : No. of blades 4	built : solid <input checked="" type="checkbox"/>	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	7 $\frac{3}{4}$ 7 $\frac{1}{2}$ 7 $\frac{3}{4}$	inches
Electric Generators: No. :	K.W. each : Voltage	

TRIAL INFORMATION

Displacement 900 Tons : Draught 10.04 ft : C_b - 0.541 : Speed - 11.19 Knots.

I.H.P. 664 R.P.M. 103 Steam Pressure at Engine 120 p.s.i. : Vacuum 25 inches Hg

CONTRACT OUTCOME

Invoice Price £ 14265 Net Profit £ 787.

CAREER

Initial Trade:

September 1912 - Transferred to Straits S.S. Co.

1929 - Broken up in Singapore.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TUNGUE				SHIP No	266	DELIVERY YEAR
Scott & Co CD.	Cargo Passengers	SHIP OWNER	Mala Real Portuguesa Lisbon				ENGINE No	325	1889
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	225.0	32.0	19.0	15.25		1096	745	1878	926
RAIL CAPACITY (tons ft)	C _b	CONSTRUCTION	MATERIAL & P		RUGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
43196	0.60	Clincher	Steel		Schooner	L.R.	510	2	
DATES	Order 29 Oct. 1888			Kiel Lay	Launch 2 May 1889			Delivery 1 Jun 1889	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor	Miss Dallas, Greenock -			
(feeder vessel)									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 20½ 33 54 INCHES					STROKE	3.0 FT.	PROPULSION MODE	Screws.	
N.H.P. 180	I.H.P. 1200		DESIGN RPM		DESIGN SPEED	KNOTS	CONDENSER COOLING SURFACE 2000 SQ. FT.		
EXPANSION RATIO	10.08	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/13.8		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/14.6	
No of Boilers: main	2	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 160 : auxiliary - p.s.i.		
Dimensions D x L		13.5 x 10.25		ft	Total Heating Surface	3068	Sq. Ft.	Total Grate Area	123 Sq. Ft.
Steam Space Volume				712	cubic feet	Furnaces: total no 6 : dia 3 ft 5 inches : length 6 ft 9 inches			
Boiler Tubes: Diameter		ø.d. 3¼		inches: length	6 ft	9 inches	Fuel Coal	Natural <input checked="" type="checkbox"/> Draught: Forced	
Propeller(s): No.		1		RH LH: Dia 13.0 ft: pitch 16.0 ft: No. of blades		4	built: solid <input checked="" type="checkbox"/>	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-						10½ 10 10½	inches		
Electric Generators: No.				-	:	-	K.W. each: Voltage -		
TRIAL INFORMATION									
Displacement		1450		Tons: Draught	13.13	ft: Cb - 0.537	: Speed - 13.35 Knots		
I.H.P. 1240		R.P.M.	90.8	Steam Pressure at Engine		160	p.s.i.: Vacuum	27	inches Hg
CONTRACT OUTCOME									
Invoice Price £ 28256.					Net Profit £ 995.				
CAREER									
Initial Trade: Built in support of new direct service to Mozambique via Suez.									
1897 - became 'Touareg' (Cie. de Nav Mixte, Marseille)									
1911 - " 'Si-Kiang' (Cie de L'Est Asiatique Francais)									
1913 - " " (Cie Maritime Indochinoise)									
1914 - " " (Moller & Co. Shanghai.)									
1918 " Fuhiki Maru (Nishinomiya, Japan)									
1934 Broken up in Japan.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. REI DE PORTUGAL.				SHIP No 267	DELIVERY YEAR		
Scott & Co CD.	Cargo Passenger	SHIP OWNER	Maha Real Portuguesa. Lisbon.				ENGINE No 326	1889		
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	350.0	42.0	28.5	22.83		3198	2175	5910	3225	
SALE CAPACITY GROSS TONS	C _B	CONSTRUCTION	MATERIAL F&P		RUGED	CLASSIFICATION SOCIETY	BYRONOLD STEEL WEIGHT - TONS	No. of Masts		
138 805	0-616	Clincher	Steel		Schooner	L.R.	1525	2		
DATES	Order 29 Oct 1888			Kael Lay	Launch 1 Jul 1889		Delivery 24 Aug 1889			
Passengers Carried	1st Cl 75 2nd Cl 21 3rd Cl 120				Launch Sponsor Senorita Elvera de Vasconcellos.					
plus 240 soldiers.										
MACHINERY										
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 31 50 80 INCHES					STROKE	4.5 FT.	PROPULSION MODE Screw.			
N.H.P. 606	I.H.P. 4000 DESIGN RPM			DESIGN SPEED	14 KNOTS		CONDENSER COOLING SURFACE 7000 SQ. FT.			
EXPANSION RATIO	8.19	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.2}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} =$					
No of Boilers: main	3	: auxiliary	-			TYPE: Cylindrical (2 D.E.)		Working : main 160 Pressure : auxiliary p.s.i.		
Dimensions D x L 2 x 15.0 x 17.5 1 x 15.0 x 10.5 ft				Total Heating Surface	11119	Sq. Ft.	Total Grate Area	315 Sq. Ft.		
Steam Space Volume				2072	cubic feet					Furnaces: total no 15 : dia 3 ft 6 inches : length 7 ft 0 inches
Boiler Tubes : Diameter 3½ inches : length				7 ft	0 inches	Fuel Coal	Draught: Natural ✓ Forced			
Propeller(s) : No. 1 ✓ RH LH: Dia 18.0 ft : pitch 20.75 ft : No. of blades				4	built ✓ : solid		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				15½	15½	15½	inches			
Electric Generators : No.				-	:	-	K.W. each : Voltage -			
TRIAL INFORMATION										
Displacement		5025	Tons : Draught		21.0 ft : Cb - 0.57	Speed - 14.5 Knots				
I.H.P. 3530		R.P.M.	Steam Pressure at Engine		158 p.s.i. : Vacuum	27 inches Hg				
CONTRACT OUTCOME										
Invoice Price £291358 for ships 267-270 incl. Net Profit £8503 for ships 267-270 incl.										
CAREER										
Initial Trade: Fast direct service - Lisbon to Mozambique via Suez										
1902 - became Napolitan Prince (reg. Newcastle on Tyne) (Prince Line)										
1909 - still										
1911 - became Manouba (reg. Marseille)										
1929 - scrapped in Italy										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S LOANDA		SHIP No	268		DELIVERY YEAR
Scott & Co CD.	Cargo Passenger	SHIP OWNER	Mala Real Portuguesa. Lisbon		ENGINE No	327		1889
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	350.0	42.0	28.5	22.83		3199	2175	5910
SALE CAPACITY (Gross Tons)	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
138805	0.616	Clincher	Steel	Schooner	L.R.	1525	2	
DATES	Order 29 Oct. 1888			Keel Lay	Launch 14 Aug. 1889		Delivery 8 Oct 1889	
Passengers Carried	1st Cl 75 - 2nd Cl 21 - 3rd Cl 120				Launch Sponsor			
plus 240 soldiers.								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 31 50 80 INCHES					STROKE	4.5 FT.		PROPULSION MODE
							Screw	
N.H.P. 606	I.H.P. 4000		DESIGN RPM		DESIGN SPEED	14 KNOTS		CONDENSER COOLING SURFACE 7000 SQ. FT.
EXPANSION RATIO		8.19		RATIO		Air Pump Capacity LP. Cylinder Volume = 1/13.2		RATIO
						S.W. Circ. Pump Capacity LP. Cylinder Volume =		
No of Boilers: main 3		: auxiliary -		TYPE: Cylindrical (2 D.E.)		Working Pressure: main 160		: auxiliary p.s.i.
Dimensions D x L		2 x 15.0 x 17.5		Total Heating Surface		11119 Sq. Ft.		Total Grate Area
		1 x 15.0 x 10.5 ft						315 Sq. Ft.
Steam Space Volume				2072 cubic feet				
Furnaces: total no 15				: dia 3 ft - 6 inches: length 7 ft - 0 inches				
Boiler Tubes: Diameter				3 1/2 inches: length		7 ft - 0 inches		Fuel Coal
								Draught: Natural
Propeller(s): No. 1				RH LH: Dia 18.0 ft: pitch 20.75 ft: No. of blades 4		built solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 15 1/4 15 1/4 15 1/4 inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		5030 Tons		Draught 21.0 ft		Cb - 0.57		Speed - 14.07 Knots
I.H.P. 3748		R.P.M. 73.6		Steam Pressure at Engine		160 p.s.i.		Vacuum - 26.16 inches Hg
CONTRACT OUTCOME								
Invoice Price				See ship 267				
Net Profit				See ship 267				
CAREER								
Initial Trade: Built for fast direct service to Mozambique via Suez.								
1918 - Transferred to Cia Nacional de Navegacao.								
1923 - Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MOCAMBIQUE	SHIP No 269	DELIVERY YEAR
Scott & Co. CD.	Cargo Passenger	SHIP OWNER	Mala Real Portuguesa. Lisbon.	ENGINE No 328	1889

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register..	Displacement	Deadweight
	350.0	42.0	28.5	22.83		3199	2175	5910	3225
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
138 805	0.616	Clincher	Steel.		Schooner	L.R.	1525	2	
DATES	Order 1 Feb. 1889.			Keel Lay		Launch 28 Sep 1889	Delivery 19 Nov 1889		
Passengers Carried	1st Cl 75 2nd Cl 21 3rd Cl 120					Launch Sponsor	—		

plus 240 soldiers.

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 31 50 80 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw.	
N.H.P. 606		I.H.P. 4000 DESIGN RPM		DESIGN SPEED 14 KNOTS		CONDENSER COOLING SURFACE : 7000 SQ. FT.	
EXPANSION RATIO 8.19		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = 13.2$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$			
No of Boilers : main 3 : auxiliary -		TYPE: Cylindrical (2 D.E.)		Working : main 160 Pressure : auxiliary p.s.i.			
Dimensions D x L $2 \times 15.0 \times 17.5$ $1 \times 15.0 \times 10.5$ ft		Total Heating Surface 11119 Sq. Ft.		Total Grate Area 315 Sq. Ft.			
Steam Space Volume 2072 cubic feet		Furnaces : ^{total} no 15 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes : Diameter $3\frac{1}{2}$ inches : length 7 ft 0 inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{RH}		LH : Dia 18.0 ft : pitch 20.75 ft : No. of blades 4		built <input checked="" type="checkbox"/> solid : material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-		$15\frac{1}{2}$ $15\frac{1}{4}$ $15\frac{1}{4}$ inches					
Electric Generators : No. -		K.W. each : Voltage -					

TRIAL INFORMATION

Displacement 4945 Tons	Draught 20.7 ft		Cb - 0.569		Speed - 14.5 Knots	
I.H.P. 3676 R.P.M. 76.5	Steam Pressure at Engine 160 p.s.i.		Vacuum . 26½ inches Hg.			

CONTRACT OUTCOME

Invoice Price See ship 267	Net Profit See ship 267
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CAREER

Initial Trade:	Built for fast direct service - Lisbon to Mozambique via Suez.
1900 -	became Alvares Cabral (McAndrew, Lisbon)
1902-9	• Sicilian Prince (Prince Line)
1910	• Abassieh (Khedivial Mail Steamship Co)
1930 -	sold to Italian shipbreakers.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. DUCHESS OF ALBANY.						SHIP No 271	DELIVERY YEAR
Scott & Co CD.	Pleasure Steamer	SHIP OWNER	London & South Western Rly. Portsmouth						ENGINE No 330	- 1889
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	170-0	22-0	9-0	5-0		256	102	311	-	
SALS CAPACITY	C ₃	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0-582	Clincher	Steel.		Sloop.	B.o.T.		102	2	
DATES	Order			Keel Lay		Launch 7 Nov 1889		Delivery 14 Dec 1889		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -				
MACHINERY										
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion Diagonal					
CYLINDER DIAMETERS - 23 54 INCHES					STROKE 4-5 FT.		PROPULSION MODE Paddle			
N.H.P. 130	I.H.P. DESIGN RPM			DESIGN SPEED			CONDENSER COOLING SURFACE 1400 SQ. FT			
EXPANSION RATIO	8-08	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{13-6}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19-9}$					
No of Boilers : main	1	: auxiliary	-			TYPE: Cylindrical (D.E.)		Working : main Pressure : auxiliary 100 p.s.i.		
Dimensions DxL			12-5 x 15-75 ft	Total Heating Surface			2675 Sq. Ft.	Total Grate Area 80 Sq. Ft.		
Steam Space Volume			530 cubic feet	Furnaces : total no 4 : dia 3 ft 6 inches : length 6 ft 0 inches						
Boiler Tubes : Diameter			3 inches : length	6 ft 0 inches	Fuel Coal			Draught : Natural ✓ Forced		
Paddle Wheels : - Diameter			3 & 5-inches	Floats : No- 8 ; L x B . . ft.						
Feathering :										
Electric Generators : No. : K.W. each : Voltage										
TRIAL INFORMATION										
Displacement			285 Tons	Draught 5-08 ft. : Cb -.525			Speed - 13-96 Knots			
I.H.P. 752 R.P.M. 44-07			Steam Pressure at Engine			p.s.i. : Vacuum			inches Hg	
CONTRACT OUTCOME										
Invoice Price £ 11336					Net Profit £ 151					
CAREER										
Initial Trade :										
Scrapped - 1928.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. SPARROW		SHIP No 261	DELIVERY YEAR			
Scott & Co CD.	Naval Sloop	SHIP OWNER	Admiralty		ENGINE No 321	1890			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	165.0	31.0	14.66	11.83		447	193	940	-
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOLVED STEEL WEIGHT - TONS	No. of Masts
	0.54	Composite Carvel	Steel Frames & Double Teak Plank		Schooner	-		207	3
DATES	Order 28 Apr 1888		Keel Laid 1 June 1888		Launch 26 Sept. 1889		Delivery 10 Jan 1890		
Passengers Carried	1st CI	2nd CI	3rd CI		Launch Sponsor Miss Bedbrook.				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion (Horiz.)				
CYLINDER DIAMETERS - 20 30 45 INCHES					STROKE 2.0 FT.		PROPULSION MODE Screw		
N.H.P.	I.H.P 1200		DESIGN SPEED		13 KNOTS		CONDENSER COOLING SURFACE 1600 SQ. FT.		
EXPANSION RATIO	6.6	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{11.9}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = -$				
No of Boilers: main	2	: auxiliary	TYPE: Cylindrical			Working : main 140 Pressure : auxiliary p.s.i.			
Dimensions D x L 7.69 x 16.75 ft			Total Heating Surface		2162 Sq. Ft.		Total Grate Area 65 Sq. Ft.		
Steam Space Volume 400 cubic feet			Furnaces: total no		: dia ft		inches: length 6 ft 9 inches		
Boiler Tubes: Diameter o.d. 2 1/2 inches: length 6 ft			7 1/4 inches		Fuel Coal		Natural Draught: Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH			LH: Dia 10.5 ft: pitch 8.0 ft: No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 7 3/4 / 3 1/2, 7/3, 7 3/4 inches									
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 804 Tons: Draught 11.63 ft: Cb - 0.473 : Speed - 13.66 Knots									
I.H.P 1240 R.P.M. 185 Steam Pressure at Engine p.s.i.: Vacuum 25.1 inches Hg									
CONTRACT OUTCOME									
Invoice Price £22181 (hull only)					Net Profit - £ 7257.				
CAREER									
Initial Trade:									
1906 - Transferred to the New Zealand Government									
as 'Amokura' as a nautical training ship.									
Also used for survey work.									
1922 - Sold as coal hulk.									
1955 - Scrapped in New Zealand.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. THRUSH.		SHIP No	262	DELIVERY YEAR
Scott & Co CD.	Naval Sloop.	SHIP OWNER	Admiralty.		ENGINE No	322	1890.
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	165.0	31.0	14.66	11.83		447	193
DISPLACEMENT	940		Deadweight				
BALL CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
—	0.54	Composite Carvel	Steel Frames & Double Teak Plank	Schooner	—	207	3
DATES	Order 28 Apr 1888		Keel Lay	1 June 1888	Launch	10 Oct 1889	Delivery 11 Jan 1890
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor	Miss M. Sinclair Scott Larvs.	
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion. (Horiz)			
CYLINDER DIAMETERS - 20 30 45 INCHES				STROKE	2.0 FT.	PROPULSION MODE Screw.	
N.H.P.	I.H.P. 1200		DESIGN SPEED	13 KNOTS		CONDENSER COOLING SURFACE 1600 SQ. FT.	
EXPANSION RATIO	6.6	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{11.9}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = —$			
No of Boilers: main	2	: auxiliary	—		TYPE: Cylindrical		Working Pressure: main 140 p.s.i. auxiliary —
Dimensions D x L	7.69 x 16.75 ft		Total Heating Surface	2162 Sq. Ft.		Total Grate Area	65 Sq. Ft.
Steam Space Volume	400 cubic feet		Furnaces: total no	4 : dia 3 ft 0 inches : length 6 ft 9 inches			
Boiler Tubes: Diameter	2 1/2 inches : length		6 ft 7 1/4 inches		Fuel Coal	Natural Draught: Forced <input checked="" type="checkbox"/>	
Propeller(s): No.	1 ^{VRH} LH: Dia 10.5 ft : pitch		8 ft : No. of blades		4	built: solid <input checked="" type="checkbox"/>	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — 7 3/8 / 9 1/2, 7/3, 7 3/4 inches							
Electric Generators: No. — : — K.W. each: Voltage —							
TRIAL INFORMATION							
Displacement 756 Tons: Draught 11.2 ft: Cb — : Speed — 13.4 Knots							
I.H.P. 1251 R.P.M. 182.2 Steam Pressure at Engine 125 p.s.i.: Vacuum 24.9 inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 22181 (hull only)				Net Profit — £ 7257.			
CAREER							
Initial Trade:							
1906 - Served with H.M. Coastguard.							
1915 - Converted to cable ship							
1916 - Salvage vessel.							
April 1917 - Wrecked, Glenarm, Antrim Coast.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MALANGE.		SHIP No	270	DELIVERY YEAR		
Scott & Co CD.	Cargo Passenger	SHIP OWNER	Mala Real Portuguesa, Lisbon		ENGINE No	329	1890		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	350.0	42.0	28.5	22.83		3544	2410	5910	3225
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYONCELO STEEL WEIGHT - TONS	No. of Masts		
138805	0.616	Clincher	Steel.	Schooner	L.R.	1525.	2		
DATES	Order 1 Feb 1889			Keel Lay	Launch 23 Nov. 1889		Delivery 30 Jan 1890		
Passengers Carried	1st Cl 75 2nd Cl 21 3rd Cl 120 + 240 soldiers			Launch Sponsor Miss Kinniple, Greenock.					
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 31 50 80 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw.			
N.H.P. 606	I.H.P. 4000		DESIGN SPEED		14 KNOTS		CONDENSER COOLING SURFACE 7000 SQ. FT.		
EXPANSION RATIO 8.19	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.2}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \text{---}$				
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical (2 D.E.)			Working Pressure: main 160 : auxiliary p.s.i.				
Dimensions D x L 2 x 15.0 x 17.5 1 x 15.0 x 10.5 ft			Total Heating Surface 11119 Sq Ft			Total Grate Area 315 Sq Ft			
Steam Space Volume 2072 cubic feet			Furnaces: ^{total} no 15 : dia 3 ft 6 inches : length 7 ft 0 inches						
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 ^{✓ RH} LH: Dia 18.0 ft : pitch 20.75 ft : No. of blades 4 ^{built <input checked="" type="checkbox"/> solid} : material									
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 15 1/4 15 1/4 15 1/4 inches									
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 4812 Tons: Draught 20.3 ft.: Cb - 0.594 : Speed - 14.9 Knots									
I.H.P. 3915 R.P.M. 80 Steam Pressure at Engine 161 p.s.i.: Vacuum 26 1/2 inches Hg									
CONTRACT OUTCOME									
Invoice Price See ship 267					Net Profit See ship 267				
CAREER									
Initial Trade: Fast direct service - Lisbon to Mozambique via Suez.									
From 1916 to 1923 mobilised by the Portuguese Government									
and armed as a merchant cruiser called 'Pedro Nunes'									
Broken up 1930 in Italy.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SINGAN.		SHIP No	272	DELIVERY YEAR		
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No	331	1890		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	255.0	36.0	22.5	18.0		1663	1054	3390	2287
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts	
107363	0.713	Clincher	Steel		Schooner	-	704	2	
DATES	Order 5 June 1889			Kel Lay	Launch 21 Dec 1889		Delivery 22 Feb 1890		
Passengers Carried	1st Cl - - - 2nd Cl - - - 3rd Cl - - -				Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 18 29 47 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 200	I.H.P. 900		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1250 SQ. FT.		
EXPANSION RATIO 9.8	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{15.3}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{15.3}$		
No of Boilers: main 2	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 160 p.s.i. : auxiliary -			
Dimensions D x L 12.75 x 9.83 ft			Total Heating Surface 2582 Sq. Ft.			Total Grate Area 104.5 Sq. Ft.			
Steam Space Volume 604 cubic feet			Furnaces: total no 6 : dia 3 ft 2 inches : length 6 ft 8 inches						
Boiler Tubes: Diameter 3 1/2 inches : length 6 ft 8 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 13.0 ft : pitch 14.0 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 10 9 1/2 10 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 3023 Tons: Draught 16.83 ft: Cb - 0.684 : Speed - 10.75 Knots									
I.H.P. R.P.M. 86 Steam Pressure at Engine 155 p.s.i.: Vacuum 26 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 27019					Net Profit £ 1311				
CAREER									
Initial Trade: China Coaster.									
February 1922 - Sold to Chinese shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. YUNNAN	SHIP No	273	DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London.	ENGINE No	332	1890

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	255.0	36.0	22.5	18.0		1664	1054	3390	2287
SALE CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLD STEEL WEIGHT - TONS	No. of Masts		
107383	0.718	Clincher	Steel	Schooner	-	704	2		
DATES	Order 5 June 1889	Kael Lay	Launch 1 Feb 1890	Delivery 10 Mar 1890					
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion		
CYLINDER DIAMETERS -	18 29 47	INCHES	STROKE	3.25	FT.
N.H.P.	200	DESIGN RPM	DESIGN SPEED		KNOTS
EXPANSION RATIO	9.8	RATIO	Air Pump Capacity L.P. Cylinder Volume =	1/15.3	RATIO
No of Boilers: main	2	: auxiliary	-	TYPE: Cylindrical	Working Pressure: main 160 p.s.i. auxiliary -
Dimensions D x L	12.75 x 9.83	ft	Total Heating Surface	2582	Sq. Ft.
Steam Space Volume	604	cubic feet	Furnaces: total no	6	: dia 3 ft 2 inches: length 6 ft 8 inches
Boiler Tubes: Diameter	3 1/2	o.d. inches: length	6 ft 8 inches	Fuel Coal	Draught: Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.	1	✓RH LH: Dia 13.0 ft: pitch	14.0 ft: No. of blades	4	built: solid <input checked="" type="checkbox"/> : material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	10 9 1/2 10				inches
Electric Generators: No.	-	:	-	K.W. each: Voltage	-

TRIAL INFORMATION

Displacement	2974	Tons: Draught	16.63	ft.: Cb -	0.682	Speed -	11.24	Knots
I.H.P.	1174	R.P.M.	88.1	Steam Pressure at Engine	160	p.s.i.: Vacuum	26	inches Hg

CONTRACT OUTCOME

Invoice Price	£ 27019	Net Profit	£ 1311
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CAREER

Initial Trade:

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December 1891 - Wrecked - Green Island, 12 miles from

Swatow on Voyage Amoy / Swatow.

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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PRIAM.	SHIP No	274	DELIVERY YEAR
Scott & Co. CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool	ENGINE No	333	1890

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	333.0	38.5	28.75	23.13		2846	1803	5700	3573
SALE CAPACITY	G	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	BYONCEID STEEL WEIGHT - TONS	No. of Masts	
182091	0.67	Clincher	Steel		Schooner		1339	2	
DATES	Order	Sept. 1889	Keel Lay		Launch	7 Apr 1890	Delivery	7 Jun 1890	
Passengers Carried	1st Cl	—	2nd Cl	12	3rd Cl	500 deck pilgrims 200 between decks	Launch Sponsor		

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Compound Expansion
CYLINDER DIAMETERS	26½ 62	INCHES	STROKE 5.0 FT.
N.H.P. 450	I.H.P. 1500	DESIGN RPM	DESIGN SPEED 11 KNOTS
EXPANSION RATIO 6.77	RATIO	Air Pump Capacity LP. Cylinder Volume = 1/23.7	RATIO S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/21.0
No of Boilers: main 1	: auxiliary —	TYPE: Cylindrical (D.E.)	Working Pressure: main 100 p.s.i. : auxiliary —
Dimensions D x L	17.17 x 22.5	ft	Total Heating Surface 5526 Sq. Ft.
Steam Space Volume	1445	cubic feet	Furnaces: total no 6 : dia 4 ft 3 inches : length 8 ft 2 inches
Boiler Tubes: Diameter	3¾	inches : length 8 ft 2 inches	Fuel Coal
Propeller(s): No. 1	✓RH LH: Dia 16.75 ft : pitch 21.0 ft : No. of blades 4	built ✓ : solid	: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	15 12¾ 13½	inches	
Electric Generators: No. —	: —	K.W. each: Voltage —	

TRIAL INFORMATION

Displacement	—	Tons: Draught	—	ft: Cb	—	Speed	11	Knots
I.H.P. 1586	R.P.M. 59	Steam Pressure at Engine	93	p.s.i.: Vacuum	—	27	inches Hg	

CONTRACT OUTCOME

Invoice Price	£ 48265.	Net Profit	£ 2551.
CAREER			
Initial Trade:			
September 1899	Transferred to N.S.M.O.		
October 1903	Sold to become Japanese Shingu Maru.		
1942	Owned by Sansin Kisen K.K. Hutyō.		
3 May 1944	Sunk by U.S. Army aircraft 22.05 N-117.50 E		
	S.W. of Taiwan.		

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co C.D.	Cargo Liner	S.S. TEUCER.	275	1890
		SHIP OWNER Ocean Steamship Co. - Liverpool	ENGINE No 334	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	333.0	38.5	28.75	23.125		2846	1803	5700	3573

SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STRIP WEIGHT - TONS	No. of MASLS
182091	0.67	Clincher	Steel	Schooner	-	1339	2

DATES	Order Sept. 1889	Keel Lay	Launch 19 May 1890	Delivery 28 Jun 1890
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Passengers Carried	1st Cl	2nd Cl 12	3rd Cl	500 deck pilgrims 200 tween deck	Launch Sponsor
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MACHINERY

SUPPLIER Greenock Foundry Co	TYPE Steam Compound Expansion.
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CYLINDER DIAMETERS - 26 $\frac{1}{2}$ 62	INCHES	STROKE 5.0	FT.	PROPULSION MODE Screw.
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N.H.P. 450	I.H.P. 1500	DESIGN RPM	DESIGN SPEED 11 KNOTS	CONDENSER COOLING SURFACE 2300 SQ. FT.
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EXPANSION RATIO 6.77	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{23.7}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.0}$
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No of Boilers: main 1 : auxiliary -	TYPE: Cylindrical (D.E.)	Working Pressure: main 100 : auxiliary p.s.i.
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Dimensions D x L 17.17 x 22.5	ft	Total Heating Surface 5526	Sq. Ft.	Total Grate Area 140	Sq. Ft.
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Steam Space Volume 1445	cubic feet	Furnaces: total no 6 : dia 4 ft 3 inches : length 8 ft 2 inches
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Boiler Tubes : Diameter 3 $\frac{3}{4}$ inches : length 8 ft 2 inches	Fuel Coal	Draught: Natural v Forced
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Propeller(s) : No. 1 [✓] RH	LH: Dia 16.75 ft : pitch 21.0 ft : No. of blades 4	built [✓] solid : material
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Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-	inches
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Electric Generators : No. - : -	K.W. each : Voltage -
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TRIAL INFORMATION

Displacement -	Tons : Draught -	ft. : C _b -	: Speed -	Knots
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I.H.P. 1378	R.P.M. 62	Steam Pressure at Engine 100 p.s.i. : Vacuum 26 $\frac{1}{4}$ inches Hg
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CONTRACT OUTCOME

Invoice Price £ 48265.	Net Profit £ 2551.
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CAREER

Initial Trade :

May 1899 - Transferred to N.S.M.O.

Aug. 1903 - Sold, became Japanese 'Chusa Maru'

9 Aug 1907 - Lost off Japan at Hekurajima, off Toto on passage Seishin & Joshin to Kobe & Osaka with general cargo.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MYRMIDON		SHIP No	276	DELIVERY YEAR		
Scott & Co. CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	336	1890		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	333.0	38.5	28.75	23.13		2868	1816	5872	3772
RAIL CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
182091	0.69	Clincher	Steel	Schooner	-	1347	2		
DATES	Order Jan 1890		Keel Lay	Launch 4 Aug 1890		Delivery 6 Sept 1890			
Passengers Carried	1st Cl -	2nd Cl - 12	3rd Cl - 500 deck pilgrims 200 stern deck	Launch Sponsor Mrs. Alfred Holt.					
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Compound-Expansion					
CYLINDER DIAMETERS - 26½ 62 INCHES				STROKE - 5.0 FT.		PROPULSION MODE Screw			
N.H.P. 450	I.H.P. 1500 DESIGN RPM		DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 2300 SQ. FT.				
EXPANSION RATIO 6.77	RATIO Air Pump Capacity L.P. Cylinder Volume = 1/23.7		RATIO S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/21.0						
No of Boilers: main 1 : auxiliary -	TYPE: Cylindrical (D.E.)			Working Pressure: main 100 p.s.i. auxiliary -					
Dimensions D x L 17.17 x 22.5 ft			Total Heating Surface 5526 Sq. Ft.		Total Grate Area 140 Sq. Ft.				
Steam Space Volume 1445 cubic feet			Furnaces: total no 6 : dia 4 ft 3 inches : length 8 ft 2 inches						
Boiler Tubes: Diameter 3¾ inches : length 8 ft 2 inches			Fuel Coal		Draught: Natural Forced				
Propeller(s): No. 1 ✓ RH LH: Dia 16.75 ft : pitch 21.0 ft : No. of blades 4 built solid ✓			material						
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 15 12¾ 13½ inches									
Electric Generators: No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement - Tons : Draught - ft : Cb - : Speed - not taken Knots									
I.H.P. 1560 R.P.M. 62.0 Steam Pressure at Engine 98 p.s.i. : Vacuum 25½ inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 53015.				Net Profit £ 4159.					
CAREER									
Initial Trade :									
December 1899 - Transferred to N.S.M.O.									
June 1904 - Sold to become Tatsu Maru.									
1911 - became Tencho Maru.									
1927 - renamed Ho Ping.									
1929 - broken up at Hong Kong.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TABATINGA	SHIP No	DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	Amazon Steam Nav. Co. London	278	1890
				ENGINE No	
				338	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	160.0	26.0	7.75	6.2		325	229	523	221
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
15387	0.71	Clincher	Steel		Smack	L.R.	141	1	
DATES	Order 1 Jul 1890			Keel Lay 17 May 1890	Launch 18 Sep 1890		Delivery 8 Oct 1890		
Passengers Carried	1st Cl 2nd Cl 3rd Cl					Launch Sponsor			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion, Diagonal
CYLINDER DIAMETERS -	9 14 22	INCHES	STROKE 1.5 FT.
PROPULSION MODE	Twin Screw		
N.H.P. 60	I.H.P. 400	DESIGN SPEED	CONDENSER COOLING SURFACE 650 SQ. FT.
DESIGN RPM		KNOTS	
EXPANSION RATIO 9.45	RATIO	Air Pump Capacity L.P. Cylinder Volume	S.W. Circ. Pump Capacity L.P. Cylinder Volume
No of Boilers: main 1	auxiliary -	TYPE: Cylindrical	Working Pressure: main 160 p.s.i. auxiliary -
Dimensions D x L	11.5 x 10.0	ft	Total Heating Surface 1106 Sq. Ft.
Total Grate Area	40	Sq. Ft.	
Steam Space Volume	253	cubic feet	Furnaces: total no 2 : dia 3 ft 4 inches : length 6 ft 9 inches
Boiler Tubes: Diameter	3 1/2	o.d. inches : length 6 ft 9 inches	Fuel Coal
Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2	RH <input checked="" type="checkbox"/> LH <input checked="" type="checkbox"/>	Dia 5.83 ft : pitch 7.58 ft : No. of blades 3	built <input checked="" type="checkbox"/> solid : material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	4 3/4	4 1/2	4 3/4 inches
Electric Generators: No. -	K.W. each: Voltage -		

TRIAL INFORMATION

Displacement	430	Tons	Draught	5.3	ft.	Cb - 0.682	Speed - 11	Knots
I.H.P. 411	R.P.M. 180	Steam Pressure at Engine	150	p.s.i.	Vacuum	26	inches Hg	

CONTRACT OUTCOME

Invoice Price £ 14250.	Net Profit £ 235.
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CAREER

Initial Trade: Amazon River. - Rubber trade.
Remained in this service until withdrawn in 1933.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. POLYPHEMUS		SHIP No	277	DELIVERY YEAR		
Scott & Co CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	337	1890		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	333.0	38.5	28.75	23.13		2868	1813	5872	3772
BALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
185777	0.69	Clincher	Steel	Schooner		1347	2		
DATES	Order Jan 1890		Keel Lay		Launch 15 Sept 1890		Delivery 14 Oct 1890		
Passengers Carried	1st Cl	2nd Cl	12	3rd Cl	500 deck pilgrims 200 tween deck		Launch Sponsor		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.				
CYLINDER DIAMETERS - 26 $\frac{1}{2}$ 62 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 450	I.H.P. 1500		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 2300 SQ. FT.		
EXPANSION RATIO 6.77		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{23.7}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.0}$				
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 100 : auxiliary p.s.i.				
Dimensions D x L 17.17 x 22.5 ft				Total Heating Surface 5526 Sq. Ft.		Total Grate Area 140 Sq. Ft.			
Steam Space Volume 1445 cubic feet				Furnaces: total no 6 : dia 4 ft 3 inches : length 8 ft 2 inches					
Boiler Tubes: Diameter o.d. 3 $\frac{3}{4}$ inches : length 8 ft 2 inches				Fuel Coal		Draught: Forced			
Propeller(s): No. 1 RH LH: Dia 16.75 ft : pitch 21.0 ft : No. of blades 4				built solid		material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 15 12 $\frac{3}{4}$ 13 $\frac{1}{2}$ inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement - Tons: Draught - ft.: Cb - : Speed - Knots -									
I.H.P. - R.P.M. - Steam Pressure at Engine - p.s.i.: Vacuum - inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 53015.					Net Profit £ 4159.				
CAREER									
Initial Trade:									
October 1898 - Transferred to N.S.M.O.									
August 1904 - Sold - became Tatsu Maru, later Chikya Maru.									
31 st January 1916 - Wrecked at Joshin, E. Korea on passage									
Seishin & Joshin to Kobe & Osaka with									
general cargo.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CD.		LIGHTERS (2)	283-4	
		SHIP OWNER	ENGINE No	1890
		Pacific Steam Nav. Co	Liverpool	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	125.0	24.0	7.5	6.0		-	172	352	-
SALE CAPACITY cubic feet	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
-	0.685	-	Steel.	-	-	109	-	-	-
DATES	Order	Keel Lay	Launch	Delivery					
Passengers Carried			Launch Sponsor	29 Nov 1890					

CONTRACT OUTCOME

Invoice Price £ 3380 (for 2)

Net Profit £ 281 (for 2.)

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CB	Sailing Vessel	ROSS SHIRE.	285	
		SHIP OWNER	ENGINE No	1891
		James & Wm. Law.	Lanark.	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	276.28	41.0	25.83	20.67		2257	2148	4825	3514
SALE CAPACITY cubic feet	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
-	0.72	Clincher	Steel.	Barque	L.R.	1006	4		
DATES	Order	Keel Lay	Launch	Delivery					
Passengers Carried	Nov. 1890	Dec. 1890	6 Jun 1891	15 Jul 1891					
			Launch Sponsor	Miss Thompson. Edinburgh					

CONTRACT OUTCOME

Invoice Price £ 19650

Net Profit - £ 2001.

CAREER.

Christmas Eve, 1900 - Burnt out at Pisagua whilst loading nitrates.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SHEIKH BERKHUD		SHIP No 282	DELIVERY YEAR				
Scott & Co CD	General Cargo	SHIP OWNER	Perim Coal Co. Hinton Spalding & Co Managers.		ENGINE No 340	1891				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	150.0	23.0	12.0	9.63		327	158	605	213	
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		BYONCE STEEL WEIGHT - TONS	No. of Masts	
13769	0.64	Clincher	Steel		Schooner	L.R.		101	2	
DATES	Order 1 Oct. 1890.			Keel Lay	Launch 9 Feb 1891		Delivery 17 Mar 1891			
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor				
MACHINERY										
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 14 23 37 INCHES					STROKE 2.25 FT.		PROPULSION MODE Screw			
N.H.P. 95	I.H.P. 550		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 900 SQ. FT.			
EXPANSION RATIO 11.16	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.0}$							
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working : main 160 Pressure : auxiliary - p.s.i.			
Dimensions D x L 12.75 x 9.83 ft			Total Heating Surface 1291 Sq. Ft.			Total Grate Area 52.25 Sq. Ft.				
Steam Space Volume 302 cubic feet			Furnaces: ^{total} no 3 : dia 3 ft 2 inches : length 6 ft 8 inches							
Boiler Tubes: Diameter ^{o.d.} 3 1/2 inches : length 6 ft 8 inches			Fuel Coal		Draught: ^{Natural} Forced <input checked="" type="checkbox"/>					
Propeller(s): No. 1 ^{✓ RH}			LH: Dia 9.5 ft : pitch 11.25 ft		No. of blades 4		built : solid <input checked="" type="checkbox"/> : material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 7 1/2 7 7 1/4 inches										
Electric Generators: No. - : - K.W. each: Voltage -										
TRIAL INFORMATION										
Displacement 696		Tons: Draught 11.42 ft		Cb - 0.618		Speed - 10.31 Knots				
I.H.P. 525		R.P.M. 108.3		Steam Pressure at Engine 146 p.s.i.		Vacuum 27 inches Hg				
CONTRACT OUTCOME										
Invoice Price £ 11992					Net Profit £ 17					
CAREER										
Initial Trade:										
20 th January 1893 - Sold to Contomichalos, Darke & Co. (Egyptian)										
31 st October 1926 - Abandoned on fire in the Red Sea on voyage										
Suez - Port Sudan with benzine cargo.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TATUNG.				SHIP No 286	DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London.				ENGINE No 343	1891
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	287.0	430	13.08	10.6		2548	1882	2281
BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DISPOSED STEAM WEIGHT - TONS	No. of Masts
134040	0.61	Clincher	Steel		Sloop	.	633	1
DATES	Order Oct 1890		Keel Lay		Launch 21 Mar 1891		Delivery 18 Apr 1891	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor none - but Mr. J. H. Scott attended.			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 14 23 37 INCHES					STROKE 2.5 FT.	PROPULSION MODE Twin Screw		
N.H.P. 250	I.H.P. 1500 DESIGN RPM		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE 1800 SQ. FT.		
EXPANSION RATIO 11.16	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{13.7}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{14}$					
No of Boilers: main 2	: auxiliary -		TYPE: Cylindrical			Working : main 160 Pressure : auxiliary p.s.i.		
Dimensions D x L 13.0 x 10.0 ft			Total Heating Surface 2960 Sq. Ft.			Total Grate Area 104.5 Sq. Ft.		
Steam Space Volume 620 cubic feet			Furnaces: ^{total} no 6 : dia 3 ft 2 inches : length 6 ft 10 inches					
Boiler Tubes : Diameter ^{o.d.} 3 $\frac{1}{2}$ inches : length 6 ft 10 inches			Fuel Coal			Draught : Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH : Dia 9.5 ft : pitch 14.5 ft : No. of blades 4			built : solid <input checked="" type="checkbox"/>			: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 7 $\frac{1}{2}$ 7 $\frac{3}{8}$ 7 $\frac{3}{4}$ inches								
Electric Generators : No. - : K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement 1950 Tons : Draught 9.25 ft : Cb - 0.598 : Speed - 11.66 Knots								
I.H.P. 1103 R.P.M. 97.0 Steam Pressure at Engine 154 p.s.i. : Vacuum 27 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 35745					Net Profit £ 3923.			
CAREER								
Initial Trade: River Steamer.								
October 1935 - Sold to Shanghai ship breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KWEILIN		SHIP No	287	DELIVERY YEAR
Scott & Co. CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	341	1891
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	260.0	36.5	22.5	18.0		1765	1088
DISPLACEMENT				3733	Deadweight	2589	
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts
124814	0.765	Clincher	Steel	Schooner	-	723	2
DATES	Order Oct 1890		Keel Lay		Launch 21 May 1891	Delivery 18 Jun 1891	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs Thompson, wife of Col. Thompson RA		
MACHINERY							
SUPPLIER Greenock Foundry Co				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 18 29 47 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 200	I.H.P. 1300		DESIGN SPEED		CONDENSER COOLING SURFACE 1250 SQ. FT.		
DESIGN RPM		KNOTS					
EXPANSION RATIO	9.73	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15.3		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/15.3	
No of Boilers: main	2	auxiliary -		TYPE: Cylindrical		Working Pressure: main 160 p.s.i. auxiliary -	
Dimensions D x L		12.75 x 9.83 ft		Total Heating Surface		2582 Sq. Ft.	
Total Grate Area		104.5 Sq. Ft.					
Steam Space Volume		604 cubic feet		Furnaces: total no 6 : dia 3 ft 2 inches : length 6 ft 8 inches			
Boiler Tubes : Diameter		3 1/2 inches : length		6 ft 8 inches		Fuel : Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No.		1 <input checked="" type="checkbox"/> RH		LH : Dia 13.0 ft : pitch 14.0 ft : No. of blades		4 built solid <input checked="" type="checkbox"/> : material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10 9 1/2 10 inches							
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement		Tons : Draught		ft. : Cb -		: Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine		p.s.i. : Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 29528				Net Profit £ 2862			
CAREER							
Initial Trade : China Coaster.							
July 1923. - sold to Chinese shipbreakers.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TRAMANDAHY.		SHIP No	2903	DELIVERY YEAR	1891
Scott & Co CD	General Cargo	SHIP OWNER	Cia. Nacional de Nav. Costeira. Rio.		ENGINE No	345		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	230.0	33.0	14.17	11.33		909	714	1588
SALE CAPACITY	0.64	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts
49180	0.64	Clincher	Steel		Schooner		419	2
DATES	Order - 3 Dec 1890		Kael Lay		Launch 28 May 1891		Delivery 25 Jun 1891.	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE			
CYLINDER DIAMETERS - 16 26 43 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw.	
N.H.P. 120	I.H.P. 700 DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1097 SQ. FT.	
EXPANSION RATIO 11.5	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/15.2		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/16.4	
No of Boilers: main 1	auxiliary -		TYPE: Cylindrical			Working Pressure: main 150 p.s.i. auxiliary -		
Dimensions DxL		13.5 x 10.58 ft		Total Heating Surface		1700 Sq. Ft.		Total Grate Area 58.5 Sq. Ft.
Steam Space Volume		404 cubic feet		Furnaces: total no 3 : dia 3 ft 3 inches : length 7 ft 6 inches				
Boiler Tubes : Diameter		o.d. 3 3/4 inches : length 7 ft 6 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1		RH LH: Dia 9.17 ft : pitch 15.0 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-					8 1/4 8 8 1/4 inches			
Electric Generators : No. - : -					K.W. each : Voltage -			
TRIAL INFORMATION								
Displacement 1174		Tons : Draught 8.83 ft : Cb - 0.613		Speed - 10.62 Knots				
I.H.P. 616		R.P.M. 98		Steam Pressure at Engine 150 p.s.i. : Vacuum		28 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 22000.					Net Profit £ 2549.			
CAREER								
Initial Trade: Brazilian Coast.								
Became Itaperuna.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CORIMBA	SHIP No	291	DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	Cia Nacional de Nav. Costeira. Rio	ENGINE No	346	1891

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	230.0	33.0	14.17	11.33		913	717	1588	941
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
49180	0.64	Clincher	Steel	Schooner	-	419	2		
DATES	Order 3 Dec 1890			Kel Lay	Launch 24 Jun 1891		Delivery 4 Aug 1891		
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	-	

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 16 26 43 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw.	
N.H.P. 120	I.H.P 700 DESIGN RPM		DESIGN SPEED			CONDENSER COOLING SURFACE 1097 SQ. FT.	
EXPANSION RATIO	11.5	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.2}$		RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.4}$		
No of Boilers: main 1		: auxiliary -	TYPE: Cylindrical			Working Pressure: main 150 p.s.i. : auxiliary	
Dimensions DxL 13.5 x 10.58		ft	Total Heating Surface 1700		Sq. Ft.	Total Grate Area 58.5 Sq. Ft.	
Steam Space Volume 404		cubic feet	Furnaces: ^{total} no 3 : dia 3 ft 3 inches : length 7 ft 6 inches				
Boiler Tubes : Diameter 3 $\frac{3}{4}$		o.d. inches : length 7 ft 6 inches	Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1		[✓] RH LH: Dia 9.17 ft : pitch 15.0 ft : No. of blades 4	built solid <input checked="" type="checkbox"/>		: material		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				8 $\frac{1}{4}$ 8 8 $\frac{1}{4}$		inches	
Electric Generators : No. - : -				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement	1100	Tons : Draught	8.38	ft. : Cb -	0.605	: Speed -	10.84	Knots
I.H.P.	693	R.P.M.	97.0	Steam Pressure at Engine	150	p.s.i. : Vacuum	25 $\frac{3}{4}$	inches Hg

CONTRACT OUTCOME

Invoice Price	£ 22000.	Net Profit	£ 2549
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CAREER

Initial Trade: Brazilian Coast.

Became Itaituba.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht. FOROS.		SHIP No	289	DELIVERY YEAR		
Scott & Co. CD	Pleasure Yacht	SHIP OWNER	Alex Kousenzoff, Moscow		ENGINE No	344	1891		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	236.0	30.5	20.5	16.5		913	482	1670	659
SALE CAPACITY (Gross Tons)	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts		
-	0.461	Clincher	Steel.	Schooner	-	474	3		
DATES	Order 3 Dec. 1890		Keel Lay	Launch 9 Jun 1891		Delivery 13 Aug 1891			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor - Miss Edith Mumme.				
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion					
CYLINDER DIAMETERS - 24 40 64 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw			
N.H.P. 350	I.H.P. 2000		DESIGN SPEED		12½ KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.		
EXPANSION RATIO	10.3	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		-		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$		-	
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 160 p.s.i. : auxiliary -			
Dimensions D x L		15.25 x 10.75 ft		Total Heating Surface		4400 Sq. Ft.		Total Grate Area 157.8 Sq. Ft.	
Steam Space Volume		930 cubic feet		Furnaces: total no 8 : dia 3 ft 3½ inches : length 7 ft 5 inches					
Boiler Tubes: Diameter		3½ inches : length 7 ft 4½ inches		Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Propeller(s): No. 1		RH LH: Dia 13.0 ft : pitch 17.0 ft		No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 12 11½ 12 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 1192 Tons: Draught 13.85 ft: Cb - 0.392 : Speed - 12.4 Knots									
I.H.P. 1690 R.P.M. 99.2 Steam Pressure at Engine 142 p.s.i.: Vacuum 22.7 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 36028				Net Profit - £ 3646					
CAREER				Designed by G.L. Watson.					
Initial Trade:									
- Later owned by Russian Royal Family (His Grand Duke Michael Alexandrovitch)									
and renamed 'Zarnitza' (Summer-Lightning) - 1896.									
Overhauled at Scott's 1906 - Commander Prince Pontiatine									
Post revolution - in naval service. in command.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PAOTING	SHIP No	DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London	288	1891
				ENGINE No 342	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	260.0	36.5	22.5	18.0		1765	1088	3733	2589
SALE CAPACITY (Gross Tons)	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
124814	0.765	Clincher	Steel	Schooner	-	723	2		
DATES	Order Oct 1890	Keel Lay	Launch 20 Jul 1891	Delivery 4 Sep 1891					
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor					

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion
CYLINDER DIAMETERS -	18 29 47 INCHES	STROKE	3.25 FT.
PROPULSION MODE	Screw		
N.H.P. 200	I.H.P. 1300	DESIGN SPEED	KNOTS
CONDENSER COOLING SURFACE	1250 SQ. FT.		
EXPANSION RATIO	10.5	RATIO	$\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.3}$
RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.3}$		
No of Boilers: main	2	: auxiliary	-
TYPE:	Cylindrical	Working Pressure:	main 160 p.s.i. auxiliary
Dimensions D x L	12.75 x 9.83 ft	Total Heating Surface	2582 Sq. Ft.
Total Grate Area	104.5 Sq. Ft.		
Steam Space Volume	604 cubic feet	Furnaces: total	no 6 : dia 3 ft 2 inches : length 6 ft 8 inches
Boiler Tubes: Diameter	3 $\frac{1}{2}$ inches	length	6 ft 10 inches
Fuel Coal		Draught:	Natural <input checked="" type="checkbox"/> Forced
Propeller(s): No.	1	RH LH: Dia	13.0 ft : pitch 14.0 ft : No. of blades 4
built: solid <input checked="" type="checkbox"/>		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	10 9 $\frac{1}{2}$ 10		inches
Electric Generators: No.	-	K.W. each:	Voltage -

TRIAL INFORMATION

Displacement	1196 Tons	Draught	7.38 ft	Cb -	0.598	Speed -	10.71 Knots
I.H.P.	1780	R.P.M.	87	Steam Pressure at Engine	142 p.s.i.	Vacuum	25 inches Hg

CONTRACT OUTCOME

Invoice Price	£ 29528	Net Profit	£ 2862
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CAREER

Initial Trade: China Coaster

October 1923 - sold to Chinese shipbreakers.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. POYANG		SHIP No	292	DELIVERY YEAR		
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	349	1891		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	287.0	43.0	13.08	10.6		2551	1892	2281	1191
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts		
134040	0.61	Clincher	Steel	Sloop		633	1		
DATES	Order 4 Feb 1891		Keel Lay	Launch 3 Aug. 1891		Delivery 12 Sep 1891			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. J. Swire.					
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 14 23 37 INCHES				STROKE 2.5 FT.		PROPULSION MODE Twin Screw			
N.H.P. 250	I.H.P. 1500		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 18000 SQ. FT.		
EXPANSION RATIO 11.16	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/13.6		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/14		
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 160 p.s.i. : auxiliary -			
Dimensions D x L 13.0 x 10.0 ft				Total Heating Surface 2960 Sq. Ft.		Total Grate Area 104.5 Sq. Ft.			
Steam Space Volume 620 cubic feet				Furnaces: total no 6 : dia 3 ft 2 inches : length 6 ft 10 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 6 ft 10 inches				Fuel: Coal		Draught: Natural Forced			
Propeller(s): No. 2 RH LH: Dia 9.5 ft : pitch 14.5 ft : No. of blades 4				built solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				7 1/2 7 3/8 7 3/4		inches			
Electric Generators: No. -				K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement 2025 Tons				Draught 9.54 ft		Cb - 0.602		Speed - 11.15 Knots	
I.H.P. 995 R.P.M. 94				Steam Pressure at Engine 160 p.s.i.		Vacuum 26 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 35361				Net Profit £ 4205					
CAREER									
Initial Trade: River Steamer.									
October 1923 - Sold to Chinese ship breakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. SHASI.		SHIP No	293	DELIVERY YEAR		
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No	350	1891		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	186.0	35.0	9.83	7.83		1011	776	890	512
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
56072	0.61	Clincher	Steel		Sloop			203	1
DATES	Order 4 Feb 1891			Keel Lay	Launch 3 Sep 1891		Delivery 23 Sep 1891		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 10 1/4 16 25 INCHES					STROKE 1.5 FT.		PROPULSION MODE Twin Screw.		
N.H.P. 90	I.H.P. 600		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 780 SQ. FT.		
EXPANSION RATIO 9.5	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 160 p.s.i. : auxiliary -		
Dimensions D x L 12.25 x 9.58		ft		Total Heating Surface 1208		Sq. Ft.		Total Grate Area 52.3	
Steam Space Volume 260		cubic feet		Furnaces: total no 3 : dia 3 ft 2 inches : length 6 ft 8 inches					
Boiler Tubes: Dia 3 1/4		inches : length 6 ft 8 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2		RH <input checked="" type="checkbox"/> LH: Dia 6.0 ft : pitch 8.0 ft : No. of blades 3		built solid <input checked="" type="checkbox"/>		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-					5 4 3/4 5 inches				
Electric Generators: No. -					K.W. each: Voltage -				
TRIAL INFORMATION									
Displacement 867		Tons: Draught 7.5		ft.: Cb - 0.61		Speed - 10.4 Knots			
I.H.P. 565		R.P.M. 167.5		Steam Pressure at Engine 145		p.s.i.: Vacuum 24.4 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 18698.					Net Profit £ 2729.				
CAREER									
Initial Trade: River Steamer.									
Feb 1910 - Sold to Ta Deh - Shanghai - renamed Ta Ngan.									
1927 - " Ta Ta S.S.Co. Shanghai " Ta Ta.									
Dec 1931 - Destroyed by fire on Yangtse River									
on passage Shanghai / Yangchow.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ONDINA.	SHIP No 294	DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	Cia. Nacional de Nav Costeira Rio	ENGINE No 352	1891

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	230.0	33.0	14.17	11.3		904	707	1588	936
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
47518	0.64	Clincher	Steel		Schooner	-	420	2	
DATES	Order 4 Mar 1891			Keel Lay		Launch 6 Aug 1891	Delivery 6 Oct 1891		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 16 26 43 INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw.	
N.H.P. 120	I.H.P. 700 DESIGN RPM		DESIGN SPEED			CONDENSER COOLING SURFACE 1000 SQ. FT.	
EXPANSION RATIO	11.44	RATIO	$\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.3}$		RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.4}$	
No of Boilers: main 1		: auxiliary -	TYPE: Cylindrical			Working : main 150 Pressure : auxiliary p.s.i.	
Dimensions D x L 13.5 x 10.58 ft			Total Heating Surface 1701 Sq. Ft.		Total Grate Area 58.5 Sq. Ft.		
Steam Space Volume 404 cubic feet			Furnaces : ^{total} no 3 : dia 3 ft 3 inches : length 7 ft 6 inches				
Boiler Tubes : Diameter ^{o.d.} 3 $\frac{3}{4}$ inches : length 7 ft 6 inches			Fuel Coal		Draught : ^{Natural} <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1 [✓] RH		LH: Dia 9.17 ft : pitch 15.0 ft		No. of blades 4		built : solid : material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				8 $\frac{1}{4}$ 8 8 $\frac{1}{2}$		inches	
Electric Generators : No. :				K.W. each : Voliage			

TRIAL INFORMATION

Displacement 1078	Tons: Draught 8.25 ft.: Cb - 0.603 : Speed - 11.18 Knots								
I.H.P. 698	R.P.M. 97	Steam Pressure at Engine 140 p.s.i.: Vacuum 25 inches Hg							

CONTRACT OUTCOME

Invoice Price £22250.	Net Profit £3088.
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CAREER

Initial Trade:

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T. S. S. INDUSTRIAL		SHIP No	297		DELIVERY YEAR
Scott & Co CO.	General Cargo.	SHIP OWNER	Cia. Progresso Industrial de Cabo Frio. Rio.		ENGINE No	354		1891
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	160.0	26.0	10.0	8.0		319	207	697
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYWIND WEIGHT - TONS	No. of Masts
18613	0.73	Clincher	Steel		Schooner	-	141	2
DATES	Order 4 Mar. 1891		Keel Lay		Launch 15 Oct 1891		Delivery 3 Nov 1891.	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor —			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion.			
CYLINDER DIAMETERS - 11½ 24 INCHES					STROKE 1.5 FT.		PROPULSION MODE Twin Screw	
N.H.P. 65	I.H.P. 250		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 450 SQ. FT.	
EXPANSION RATIO	7.77	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L		10.0 x 8.17 ft		Total Heating Surface		878 Sq. Ft.		Total Grate Area 31.1 Sq. Ft.
Steam Space Volume		153 cubic feet		Furnaces: total no 2 : dia 2 ft 10 inches : length 5 ft 9 inches				
Boiler Tubes: Diameter		3 inches : length 5 ft 9 inches		Fuel coal		Draught: Natural Forced		
Propeller(s): No. 1		RH LH: Dia 5.83 ft : pitch 7.0 ft		No. of blades 4		built solid		: material
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 4¾ 4½ 4¾ inches								
Electric Generators: No. — : — K.W. each : Voltage —								
TRIAL INFORMATION								
Displacement 494 Tons : Draught 5.96 ft : Cb - 0.697 : Speed - 8.56 Knots								
I.H.P. 193 RPM. 132 Steam Pressure at Engine 81 p.s.i. : Vacuum 26 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 9707					Net Profit £ 1243.			
CAREER								
Initial Trade: Brazilian Coast.								
1899 - Sold to Empresa Esperanga Maritima, Rio.								
1916 - Acquired by Lloyd Brasileiro.								
1921 - Ex. L.R.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ITAPOAN		SHIP No	298	DELIVERY YEAR		
Scott & Co CD.	General Cargo	SHIP OWNER	Cia. Nacional de Nav. Costeira, Rio		ENGINE No	355	1891		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	230.0	33.0	13.17	10.55		752	512	1456	843
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts	
44216	0.64	Clincher	Steel		Schooner		390	2	
DATES	Order 4 Mar. 1891.		Keel Lay		Launch 29 Sept 1891		Delivery 4 Nov. 1891		
Passengers Carried	1st Cl - - - 2nd Cl - - 3rd Cl -				Launch Sponsor Mrs. Williams, wife of ship's officer				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 16 26 43 INCHES					STROKE - 2.5 FT.		PROPULSION MODE Screw.		
N.H.P. 120	I.H.P. DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1000 SQ. FT.		
EXPANSION RATIO 11.44	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15.3		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/16.4		
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 150 p.s.i. : auxiliary -		
Dimensions D x L 13.5 x 10.58 ft				Total Heating Surface 1701 Sq. Ft.		Total Grate Area 58.5 Sq. Ft.			
Steam Space Volume 404 cubic feet				Furnaces: ^{total} no 3 : dia 3 ft 3 inches : length 7 ft 6 inches					
Boiler Tubes: Diameter ^{od} 3 3/4 inches : length 7 ft 6 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{✓ RH} LH: Dia 9.17 ft : pitch 15.0 ft : No. of blades 4				built: solid <input checked="" type="checkbox"/>		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 8 1/4 8 8 1/2 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 822 Tons		Draught 6.67 ft		Cb - 0.57		Speed - 10.93 Knots			
I.H.P. 759 R.P.M. 123		Steam Pressure at Engine 150 p.s.i.		Vacuum - 27 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 16577					Net Profit £ 507				
CAREER									
Initial Trade:									
Broken up - 1959 - Brazil.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
		GOSFORD.	299	
Scott & Co co.	Sailing Vessel	SHIP OWNER Francis Briggs. Edinburgh.	ENGINE No —	1892

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	269.0	42.0	26.08	20.9		2251	2136	4875	3565
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
0.722		Clincher		Steel		Barque	L.R.	984	4
DATES	Order Aug. 1891			Keel Lay		Launch. 7 Dec 1891		Delivery 5 Jan 1892	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price £ 21500

Net Profit £ 1058

CAREER.

17th November 1893 - Burnt out - Point Conception - California :

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
		BRONZEWING (2½ masted)	308	
Scott & Co	Sailing Yacht.	SHIP OWNER H.M. Cockshutt. Sydney. Aust.	ENGINE No —	1892

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	25.0					—	37 Thames.	—	—
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P.		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	—	Carvel	Wood		lugger	—	—		
DATES	Order			Keel Lay		Launch	1892	Delivery	1892
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price —

Net Profit —

CAREER.

1909 - renamed 'Bivrong'!

1919 - still

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co. CD.	Sailing Yacht	LILY. (2½ rater.)	309	1892
		SHIP OWNER	ENGINE No	
		Hugo Kahn. Riga	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	26.7	6.7							
BALE CAPACITY <small>cube feet</small>	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
		Carvel.	Wood	Lugger					
DATES	Order			Keel Lay		Launch	1892	Delivery	1892
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CB	Sailing Vessel	STONELEIGH.	300	1892
		SHIP OWNER	ENGINE No	
		Stoneleigh Shipping Co. Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	269.0	42.0	26.08	20.9		2251	2136	4875	3565
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.72	Clincher	Steel		Barque	L.R.	984	4	
DATES	Order Aug. 1891		Keel Lay			Launch 18 Feb 1892		Delivery 19 Mar 1892	
Passengers Carried						Launch Sponsor Miss Cowan Greenock.			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

March 1898 - Missing on Voyage Melbourne - London.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht GRETA.		SHIP No	DELIVERY YEAR	
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	John Scott IV Greenock.		ENGINE No 360	1892	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	
	135.5	18.5	12.0	9.8		168	
					Register	Displacement	
					80	325	
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
	0.46	Clincher	Steel	Schooner		82	2
DATES	Order	Keel Lay	Launch 28 Apr 1892		Delivery 5 May 1892		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Greenock Foundry Co.			TYPE Steam Triple Expansion			
CYLINDER DIAMETERS	10 1/4 16 25 INCHES			STROKE	1.833 FT.	PROPULSION MODE	
						Screw	
N.H.P. 60	I.H.P. 300	DESIGN RPM	DESIGN SPEED	11 KNOTS			
EXPANSION RATIO	9.48	RATIO Air Pump Capacity / L.P. Cylinder Volume = 1/16		RATIO S.W. Circ. Pump Capacity / L.P. Cylinder Volume = 1/17.3			
No of Boilers: main	1	: auxiliary	TYPE: Cylindrical		Working Pressure: main 160 p.s.i. auxiliary -		
Dimensions D x L	10.33 x 8.33 ft		Total Heating Surface	911 Sq. Ft.	Total Grate Area	33 Sq. Ft.	
Steam Space Volume	155 cubic feet		Furnaces: total no	2	: dia	3 ft 0 inches	
			: length	5 ft 11 inches			
Boiler Tubes: Diameter	3 inches	: length	5 ft 11 inches	Fuel Coal	Natural <input checked="" type="checkbox"/> Draught: Forced		
Propeller(s): No.	1	RH <input checked="" type="checkbox"/> LH: Dia	7.5 ft	: pitch	8.83 ft	: No. of blades	
					4	built: solid <input checked="" type="checkbox"/> : material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	5 1/4 5 5			inches			
Electric Generators: No.	-	: K.W. each	Voltage -				
TRIAL INFORMATION							
Displacement	204 Tons	: Draught	8.0 ft	: Cb	0.357	: Speed	
						11.08 Knots	
I.H.P. 301	R.P.M. 144.3	Steam Pressure at Engine	157 p.s.i.	: Vacuum	23 inches Hg		
CONTRACT OUTCOME							
Invoice Price	£ 9835		Net Profit 0.				
CAREER							
Initial Trade: Pleasure Yachting.							
1898 - Owned by WGD. Goff, renamed 'Ivor'							
1911-5 - Owned by Gaston L. Carels, Ghent as 'Leda'							
1920 - M. Gardella, Genoa.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CB	Sailing Vessel	NATICA.	310	1892
		SHIP OWNER	ENGINE No	
		C.W. & H.T. Henderson et al. Greenock & Belfast		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	38.2	8.45	6.4			-	7.05	-	-
SALE CAPACITY <small>Gross Tons</small>	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	-	Carvel	Wood	Smack.	-	-	1		
DATES	Order		Keel Lay		Launch 24 May 1892	Delivery 25 May 1892			
Passengers Carried					Launch Sponsor				

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

1911 - owned by John McKenzie, Belfast.

1920 -

1921 - broken up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CB		GIFFORD.	305	1892
		SHIP OWNER	ENGINE No	
		Gifford Shipping Co. Glasgow.		

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	269.0	42.0	26.08	20.9		2251	2136	4875	3565
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.722	Clincher	Steel		Barque	L.R.	984	4	
DATES	Order			Keel Lay		Launch 28 Apr 1892		Delivery 17 June 1892	
Passengers Carried						Launch Sponsor Miss Corsar of Arbroath			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

General East Indies trade.

Sold 1898 to Gifford Trading Co. - A. Weir & Co. managers.

25 September 1903 - became a total loss after going ashore, Mussel Rock, Cliff Beach, 9 miles south of San Francisco, whilst on a voyage from Newcastle, N.S.W. to San Francisco with coal.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ULYSSES.	SHIP No 301	DELIVERY YEAR
Scott & Co. CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool	ENGINE No 356	1892

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	352.0	42.5	30.0	24.06		3572	2299	7376	4852
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts		
217,907	0.717	Clincher	Steel	Schooner	B.C.	1819	2		
DATES	Order Sept 1891	Keel Lay		Launch 13 Jun 1892	Delivery 21 Sept 1892				
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				

MACHINERY

SUPPLIER Greenock Foundry Co.	TYPE Steam Triple Expansion		
CYLINDER DIAMETERS - 23 38 62 INCHES	STROKE 4.5 FT.	PROPULSION MODE	Screw
N.H.P. 500	I.H.P. 2000	DESIGN SPEED	11 KNOTS
EXPANSION RATIO 10.70	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{23.7}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.1}$	
No of Boilers: main 1 : auxiliary -	TYPE: Cylindrical (D.E.)	Working Pressure: main 160 : auxiliary -	p.s.i.
Dimensions D x L 17.25 x 18.5 ft	Total Heating Surface 5702 Sq. Ft.	Total Grate Area 144	Sq. Ft.
Steam Space Volume 1060 cubic feet	Furnaces: total no 6 : dia 4 ft 0 inches : length 7 ft 1 inches		
Boiler Tubes: Diameter 3 3/4 inches : length 7 ft 1 inches	Fuel coal	Draught: Natural / Forced	
Propeller(s): No. 1 RH LH: Dia 17.25 ft : pitch 18.0 ft : No. of blades 4	built solid	: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	13 1/4 / 2 1/2 12 1/2 13	inches	
Electric Generators: No. - : K.W. each : Voltage -			

TRIAL INFORMATION

Displacement 3228 Tons	Draught 13.08 ft	Cb - 0.577	Speed - 12.75 Knots
I.H.P. 1893 R.P.M. 72	Steam Pressure at Engine 153 p.s.i.	Vacuum 27 1/2 inches Hg	

CONTRACT OUTCOME

Invoice Price £ 206760 for ships 301-4 incl.	Net Profit £ 7304 for ships 301-4 incl.
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CAREER

Initial Trade:

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October 1912. - Sold to become Japanese 'Daisai Maru'

1917 - 'St. Medard' (French)

1920 - 'General Moinier'

March 1924 - Broken up at Ardrossan.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co GB.	Sailing Vessel GB	GUNFORD.	307	1892
		SHIP OWNER	ENGINE No	
		Gunford Shipping Co. - Glasgow		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	269-0	42-0	26-08	20-9		2251	2136	4875	3565
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0-722	Clincher	Steel	Barque	L.R.	984.	4		
DATES	Order	Keel Lay	Launch 22 Sept 1892	Delivery 21 Oct 1892					
Passengers Carried	Launch Sponsor								

CONTRACT OUTCOME

Invoice Price £ 20750

Net Profit £ 1203.

CAREER. General East Indies trade.

December 1907 - Wrecked on Fogo Reef near Cape San Roque, Brazil.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME		SHIP No	DELIVERY YEAR
		SHIP OWNER		ENGINE No	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross ...	Register	Displacement	Deadweight
SALE CAPACITY <small>(Gross Tons)</small>	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PYRRHUS	SHIP No	DELIVERY YEAR
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool	ENGINE No 357	1892

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	352.0	42.5	30.0	24.06		3572	2299	7376	4852
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
217907	0.717	Clincher	Steel.	Schooner	B.C.	1819	2		
DATES	Order Sept 1891			Keel Lay		Launch 7 Sept 1892	Delivery 9 Nov 1892		
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -						Launch Sponsor			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion.
CYLINDER DIAMETERS -	23 38 62 INCHES	STROKE	4.5 FT.
N.H.P.	500	DESIGN RPM	2000
EXPANSION RATIO	10.7	RATIO	$\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{23.7}$
No of Boilers: main	1	: auxiliary	-
Dimensions D x L	17.25 x 18.5 ft	Total Heating Surface	5702 Sq. Ft.
Steam Space Volume	1060 cubic feet	Furnaces: total no	6
Boiler Tubes: Diameter	3 $\frac{3}{8}$ inches	: length	7 ft. 1 inches
Propeller(s): No.	1	: Dia	17.25 ft
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	13 $\frac{1}{4}$ / 2 $\frac{1}{2}$ / 12 $\frac{1}{2}$ / 13	: material	
Electric Generators: No.	-	K.W. each	-

TRIAL INFORMATION

Displacement	3381	Tons: Draught	13.38 ft.
I.H.P.	1993	R.P.M.	72
Steam Pressure at Engine	153 p.s.i.	Vacuum	27 inches Hg

CONTRACT OUTCOME

Invoice Price	See ship 301.	Net Profit	See ship 301.
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CAREER

Initial Trade:

1907 - Transferred to N.S.M.O.
Sept 1914 - Sold to become Japanese 'Shingo Maru.'
1916 - Became 'Macavia' (Phillipines)
1917 - Villember (U.S. Govt. Transport.)
7 Nov 1917 - Torpedoed and sunk by U.C.38 East of Crete.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TANTALUS		SHIP No	303	DELIVERY YEAR		
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	358	1892		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	352.0	42.5	30.0	24.06		3572	2292	7376	4852
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
217907	0-717	Clincher	Steel	Schooner	B.C	1819	-		
DATES	Order Sept 1891		Keel Lay	Launch 20 Oct 1892		Delivery 10 Dec. 1892			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	-			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 23 38 62 INCHES					STROKE 4.5 FT.	PROPULSION MODE Screw.			
N.H.P. 500	I.H.P. 2000		DESIGN SPEED		11 KNOTS	CONDENSER COOLING SURFACE 3000 SQ. FT.			
EXPANSION RATIO	10.45	RATIO		Air Pump Capacity / L.P. Cylinder Volume = 1/23.7		RATIO		S.W. Circ. Pump Capacity / L.P. Cylinder Volume = 1/21.1	
No of Boilers: main	1	: auxiliary	-	TYPE: Cylindrical (D.E.)		Working Pressure: main 160 p.s.i.		auxiliary -	
Dimensions D x L 17.25 x 18.5 ft				Total Heating Surface	5702 Sq. Ft.	Total Grate Area		144 Sq. Ft.	
Steam Space Volume 1060 cubic feet				Furnaces: total no 6 : dia 4 ft 0 inches : length 7 ft 1 inches					
Boiler Tubes: Diameter 3 3/4 inches : length 7 ft 1 inches				Fuel Coal	Natural <input checked="" type="checkbox"/> Draught: Forced				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 17.25 ft : pitch 18.0 ft : No. of blades 4				built <input checked="" type="checkbox"/> solid		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 1/4 / 2 1/2 12 1/2 13 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 3190 Tons : Draught 13.0 ft : Cb - 0.574 : Speed - 12.89 Knots									
I.H.P. 1900 R.P.M. 72 Steam Pressure at Engine 160 p.s.i. : Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price See ship 301.					Net Profit See ship 301.				
CAREER									
Initial Trade:									
1904 - Transferred to N.S.M.O.									
Oct 1922 - Sold to become Florian Geyer (German)									
owned by L.R. Muller, Hamburg.									
1924 - scrapped at Hamburg.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. IXION				SHIP No	304		DELIVERY YEAR	
Scott & Co. CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.				ENGINE No	359			
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	352.0	42.5	30.0	24.06		3572	2299	7376	4852		
SALE CAPACITY GROSS TONS	G _o	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
217907	0.717	Clincher	Steel		Schooner	B.C.	1819.	2			
DATES	Order		Sept. 1891		Keel Lay	Launch 23 Nov 1892		Delivery 29 Dec 1892			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -						
MACHINERY											
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.						
CYLINDER DIAMETERS - 23 38 62 INCHES					STROKE 4.5 FT.		PROPULSION MODE Screw.				
N.H.P. 500	I.H.P. 2000		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.				
EXPANSION RATIO	10.45		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{23.7}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{21.1}$						
No of Boilers: main	1		: auxiliary -		TYPE: Cylindrical (D.E.)		Working : main 160 Pressure : auxiliary - p.s.i.				
Dimensions D x L			17.25 x 18.5 ft		Total Heating Surface		5702 Sq. Ft.		Total Grate Area		144 Sq. Ft.
Steam Space Volume			1060 cubic feet		Furnaces: ^{total} no 6 : dia 4 ft 0 inches : length 7 ft 1 inches						
Boiler Tubes: Diameter			3 $\frac{3}{4}$ inches : length		7 ft 1 inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1			^{RH} LH: Dia 17.25 ft : pitch		18.0 ft : No. of blades 4		^{built} : solid		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 $\frac{1}{2}$ / 2 $\frac{1}{2}$ 12 $\frac{1}{2}$ 13 inches											
Electric Generators: No. - : - K.W. each: Voltage -											
TRIAL INFORMATION											
Displacement			3272 Tons		Draught 13.21 ft		Cb - 0.575		Speed - 13.17 Knots		
I.H.P. 2016			R.P.M. 75.0		Steam Pressure at Engine		160 p.s.i.		Vacuum 28 inches Hg		
CONTRACT OUTCOME											
Invoice Price See ship 301.					Net Profit See ship 301.						
CAREER											
Initial Trade:											
September 1902 - Transferred to N.S.M.O.											
4th October 1911 - burnt out & abandoned off											
Engano Is., S.W. Sumatra.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. PRINCESS MARGARET		SHIP No 311	DELIVERY YEAR	1893		
Scott & Co CD.	Pleasure Steamer	SHIP OWNER	L & S.W & L.B & S Coast Railway		ENGINE No 361				
TECHNICAL INFORMATION.									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	170.0	22.0	9.0	5.0		260	106	311	-
SALE CAPACITY Gross Tons	G ₆	CONSTRUCTION	MATERIAL F&P		ROGED	CLASSIFICATION SOCIETY		BYWOLD STEEL WEIGHT - TONS	No. of Masts
-	0.582	Clincher	Steel		Sloop	B.o.T.		102	-
DATES	Order 21 Nov 1892		Keel Lay 21 Nov 1892		Launch 17 Apr 1893		Delivery 9 May 1893		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		Mvs. Fisher, wife of Owners Supt.		
MACHINERY.									
SUPPLIER Greenock Foundry Co.					TYPE Steam compound expansion				
CYLINDER DIAMETERS - 23 54 INCHES					STROKE 4.5 FT.		PROPULSION MODE Paddles		
N.H.P. 150	I.H.P. 750 DESIGN RPM		DESIGN SPEED		KNOTS		CONDENSER COOLING SURFACE 1400 SQ. FT.		
EXPANSION RATIO 7.32	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.7}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{19.4}$						
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical (D.E.)			Working : main 100 Pressure : auxiliary p.s.i.			
Dimensions D x L 12.5 x 15.75 ft			Total Heating Surface 2675 Sq. Ft.			Total Grate Area 80 Sq. Ft.			
Steam Space Volume 530 cubic feet			Furnaces: ^{total} no 4 : dia 3 ft 6 inches : length 6 ft 0 inches						
Boiler Tubes : Diameter ^{o.d.} 3 inches : length 6 ft 0 inches			Fuel : coal		Draught : Natural <input checked="" type="checkbox"/> Forced				
Paddle Wheels - Feathering - 13.42 dia. 8 floats.									
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 295		Tons : Draught 5.17 ft.		Cb - 0.534		Speed - 13.94 Knots			
I.H.P. 788		R.P.M. 44		Steam Pressure at Engine 98 p.s.i.		Vacuum 26 $\frac{1}{4}$ inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 10,000.					Net Profit £ 368.				
CAREER									
Initial Trade: Portsmouth - Isle of Wight service.									
Scrapped - 1928.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	P.S. BORGNIST DESBORDES.	SHIP No 316	DELIVERY YEAR
Scott & Co CO	River Steamer	SHIP OWNER	Deves & G. Chaumet, Bordeaux	ENGINE No 362	1893

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	145.0	22.0	7.5	4.5		232	167	272	62
SALE CAPACITY GROSS TONS	G _D	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts		
7350	0.682	Clincher	Steel	Sloop	-	87	2		
DATES	Order 3 May 1893			Kael Lay	Launch 14 Jun 1893		Delivery 4 Jul 1893		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor -			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Compound Expansion			
CYLINDER DIAMETERS- 18 38 INCHES				STROKE 3.5 FT.		PROPULSION MODE Paddles	
N.H.P. 70		I.H.P. 350 DESIGN RPM		DESIGN SPEED		CONDENSER COOLING SURFACE 802 SQ. FT.	
EXPANSION RATIO 5.92		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{11.9s}$		RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{22.5}$			
No of Boilers: main 2 : auxiliary -				TYPE: Cylindrical		Working : main 100 Pressure : auxiliary - p.s.i.	
Dimensions DxL 9.25 x 8.0 ft				Total Heating Surface 1304 Sq. Ft.		Total Grate Area 55 Sq. Ft.	
Steam Space Volume 230 cubic feet				Furnaces : ^{total} no 4 : dia 2 ft 9 inches : length 5 ft 4 inches			
Boiler Tubes : Diameter ^{o.d} 3 inches : length 5 ft 4 inches				Fuel: Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Paddle Wheels - Feathering - 10.0 ft. dia.							

Electric Generators : No. - : - K.W. each : Voltage -

TRIAL INFORMATION

Displacement 202 Tons : Draught 3.36 ft. : C_b - 0.66 : Speed - 11½ Knots
I.H.P. 437 R.P.M. 53 Steam Pressure at Engine 93.5 p.s.i. : Vacuum 25 inches Hg

CONTRACT OUTCOME

Invoice Price ? Net Profit £ 649.

CAREER

Initial Trade: River service in Senegal.

Frames & shell plates under water were galvanised.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht KITTIWAKE		SHIP No	317		DELIVERY YEAR	
Scott & Co CD	Pleasure Yacht	SHIP OWNER	Charles N. Carnegie.		ENGINE No	363		1893	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	113.0	21.0	13.5	11.0		180	122	337	—
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIJOGED	CLASSIFICATION SOCIETY		BYEOLD STEEL WEIGHT - TONS	No. of Masts
—	0.452	Clincher	Steel		Schooner	L.R.		84	23621
DATES	Order 31 May 1893			Keel Lay	Launch 10 Oct 1893			Delivery 4 Nov 1893	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Lord Carnegie.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 9 1/4 15 24 1/2 INCHES					STROKE 1.5 FT.		PROPULSION MODE Screw		
N.H.P. 40	I.H.P. 160		DESIGN SPEED		9.5 KNOTS		CONDENSER COOLING SURFACE 320 SQ. FT.		
EXPANSION RATIO 15.7	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15.3		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/16.0		
No of Boilers: main 1		: auxiliary —		TYPE: Cylindrical			Working Pressure: main 160 p.s.i. : auxiliary —		
Dimensions D x L 8.5 x 7.75		ft		Total Heating Surface 560		Sq. Ft.		Total Grate Area 21	
Steam Space Volume 100		cubic feet		Furnaces: total no 2 : dia 2 ft 7 1/2 inches : length 5 ft 4 inches					
Boiler Tubes: Diameter 3		o.d. inches : length 5 ft 4 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Propeller(s): No.		RH LH: Dia ft : pitch		ft : No. of blades 2		built : solid		: material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 4 3/4 4 1/2 5 1/2 / 2 3/4 inches									
Electric Generators: No. — : — K.W. each : Voltage —									
TRIAL INFORMATION									
Displacement 210		Tons		Draught 8.8		ft. : Cb - 0.374		Speed - 9.55 Knots	
I.H.P. 187		R.P.M.		Steam Pressure at Engine 155		p.s.i. : Vacuum 24.7		inches Hg.	
CONTRACT OUTCOME									
Invoice Price £ 7365.					Net Profit — £ 682.				
CAREER									
Initial Trade :									
Later Owners.									
1909-11 - W. S. Bailey, Southampton.									
1915 renamed Nina D'Asty & owned by Madame L'Huillier, Monaco.									
1918 Sold & employed as a cargo vessel.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. WELLPARK		SHIP No	318	DELIVERY YEAR		
Scott & Co CD	General Cargo.	SHIP OWNER	Wellpark Steamship Co., Greenock		ENGINE No	364	1893		
TECHNICAL INFORMATION									
DIMENSIONS - FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	212.0	31.0	14.83	11.9		860	526	1630	950
RAIL CAPACITY w/ or w/o	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of MASTS		
51533	0.73	Clincher	Steel	Schooner	L.R.	439	2		
DATES	Order 31 May 1893			Keel Lay	Launch 28 Sept. 1893		Delivery 9 Nov 1893		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. John Denholm.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 16 26 44 INCHES					STROKE 2.75 FT.		PROPULSION MODE Screw.		
N.H.P. 99	I.H.P. 680 DESIGN RPM			DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1100 SQ. FT.			
EXPANSION RATIO 10.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.7}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{20}$					
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 160 : auxiliary p.s.i.			
Dimensions D x L 14.5 x 10.5 ft			Total Heating Surface 1702 Sq. Ft.			Total Grate Area 57.75 Sq. Ft.			
Steam Space Volume 434 cubic feet			Furnaces: ^{total} no 3 : dia 3 ft 6 inches : length 7 ft 3 inches						
Boiler Tubes: Diameter ^{o.d.} 3 $\frac{1}{2}$ inches : length 7 ft 3 inches			Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 ^{RH} LH: Dia 11.75 ft : pitch 13.75 ft : No. of blades 4			built: solid <input checked="" type="checkbox"/>		: material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-			8 $\frac{1}{4}$ 8 8 $\frac{1}{2}$ inches						
Electric Generators: No. - : -			K.W. each: Voltage -						
TRIAL INFORMATION									
Displacement		Tons		Draught ft.		Cb -		Speed - Knots	
I.H.P.		R.P.M.		Steam Pressure at Engine p.s.i.		Vacuum		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 11557.					Net Profit -£ 913.				
CAREER									
Initial Trade: Baltic									
1904 - Swedish Owners.									
1911-21 - renamed Pallas.									
10 Jan 1954 - AS Nedjan foundered on voyage Norrsundet - Harwich									
Wireless message - being driven on to rocks. at									
Sea/air search found wreckage & rocks Eggegrund									
All 16 crew lost.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GLENPARK		SHIP No 319	DELIVERY YEAR 30			
Scott & Co C.D.	General Cargo	SHIP OWNER	Glenpark Steamship Co. Greenock		ENGINE No 365	1893			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	212.0	31.0	14.83	11.9		860	526	1630	950
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOLVED STEEL WEIGHT - TONS	No. of Masts
51533	0.73	Clincher	Steel		Schooner	L.R.		439	2
DATES	Order 31 May 1893		Keel Lay		Launch 8 Nov 1893		Delivery 30 Nov 1893		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. J. Fulton.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 16 26 44 INCHES					STROKE 2.75 FT.		PROPULSION MODE Screw		
N.H.P. 99	I.H.P. 680 DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1100 SQ. FT.		
EXPANSION RATIO 10.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.7}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{12.5}{26}$						
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working : main 160 Pressure : auxiliary - p.s.i.		
Dimensions D x L 14.5 x 10.5		ft		Total Heating Surface 1702 Sq. Ft.		Total Grate Area 57.75 Sq. Ft.			
Steam Space Volume 434 cubic feet		Furnaces: ^{total} no 3 : dia 3 ft 6 inches : length 7 ft 3 inches							
Boiler Tubes : Diameter 3 1/2 inches : length 7 ft 3 inches		Fuel coal		Draught : Natural <input checked="" type="checkbox"/> Forced					
Propeller(s) : No. 1 ^{✓ RH}		LH : Dia 11.75 ft : pitch 13.75 ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/4 8 8 1/2 inches									
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 796 Tons : Draught 7.14 ft : Cb - 0.593 : Speed - 11.4 Knots									
I.H.P. 734 R.P.M. 93 Steam Pressure at Engine 159 p.s.i. : Vacuum 27.93 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 11557.					Net Profit -£ 913.				
CAREER									
Initial Trade: Baltic									
1904-22 owned by Lauritzen, Esbjerg.									
1922-28 " " " " Neilsen, Copenhagen.									
1928-9 " " " " Rederi A/B Allan - renamed Jan.									
1935-53 " " " " Seppinen & Kempio Finland.									
1953 - Broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht LUTRA 1890		SHIP No	820		DELIVERY YEAR
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	John Wingfield-Malcolm Lochgilphead		ENGINE No	366		1894
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	117.0	18.0	12.0	9.8		135	92	281
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.476	clinker	Steel		Schooner	-	64.5	2
DATES	Order		Keel Lay		Launch 7 May 1894		Delivery 16 June 1894	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor	
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 9 $\frac{1}{4}$ 15 24 $\frac{1}{2}$ INCHES					STROKE 1.75 FT.		PROPULSION MODE Screw	
N.H.P. 40	I.H.P. 200		DESIGN SPEED		10 $\frac{3}{4}$ KNOTS		CONDENSER COOLING SURFACE 393 SQ. FT.	
EXPANSION RATIO 9.7		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.4}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{16.6}$			
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 160 : auxiliary p.s.i.			
Dimensions D x L 10.33 x 8.33 ft			Total Heating Surface 911 Sq. Ft.		Total Grate Area 33 - Sq. Ft.			
Steam Space Volume 155 cubic feet			Furnaces: total no 2 : dia 3 ft 0 inches : length 5 ft 11 inches					
Boiler Tubes: Diameter 3 inches : length 5 ft 11 inches			Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{RH} LH: Dia 7.5 ft : pitch 8.25 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 5 4 $\frac{3}{4}$ 5 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 200 Tons: Draught 8.43 ft: C _b - 0.416 : Speed - 10.74 Knots								
I.H.P. 274 R.P.M. 152 Steam Pressure at Engine 161 p.s.i.: Vacuum 27.25 inches Hg								
CONTRACT OUTCOME								
Invoice Price ? Net Profit £ 918.								
CAREER								
Initial Trade:								
1911 - became 'Winifred' owner. T.M. Lord, Greenock.								
1920 - Jas. Radley, London								
1925 - Lt Cdr. White, Southampton								
1931 - Lambert Bros, London								
1932 - sold for breaking up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. ORESTES.		SHIP No	321	DELIVERY YEAR		
Scott & Co CD	Cargo Liner.	SHIP OWNER	Ocean Steamship Co., Liverpool		ENGINE No	367	1894		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	47.0	29.33	23.5		4348	2846	9335	6305
SALE CAPACITY (Gross Tons)	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
301.812	0.76	Clincher	Steel		Schooner	-		2136	2
DATES	Order Feb 1894		Keel Lay		Launch 3 Sept 1894		Delivery 19 Oct 1894		
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -		
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 25½ 43 69 INCHES					STROKE 4.5 FT.		PROPULSION MODE Screw		
N.H.P. 550	I.H.P. 2500		DESIGN RPM		DESIGN SPEED 11½ KNOTS		CONDENSER COOLING SURFACE 4000 SQ. FT.		
EXPANSION RATIO 10.22	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/23.8		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/18.6		
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 170 p.s.i. auxiliary -		
Dimensions D x L 17.0 x 15.64		ft		Total Heating Surface 10526		Sq. Ft.		Total Grate Area 240	
Steam Space Volume 1632		cubic feet		Furnaces: total no 12 : dia 3 ft 10 inches : length 6 ft 0 inches					
Boiler Tubes: Diameter 3		inches : length 6 ft 0 inches		Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1		RH LH: Dia 17.25 ft : pitch 18.0 ft : No. of blades 4		built <input checked="" type="checkbox"/> solid		: material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14½/2½ 13½ 15½ inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 3910 Tons : Draught 11.17 ft : Cb - 0.668 : Speed - 13.54 Knots									
I.H.P. 2664 R.P.M. 83.0 Steam Pressure at Engine 165 p.s.i. : Vacuum 26½ inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 50623.					Net Profit £ 1143.				
CAREER									
Initial Trade:									
1901 - Opened the first Liverpool-Australia service.									
1925 - Sold to Italians for scrapping.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DARDANUS.		SHIP No	322	DELIVERY YEAR
Scott & Co CD.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	368	1894
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	390.0	47.0	29.33	23.5		4348	2846
BALR CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
301812	0.76	Clincher	Steel.		Schooner	-	2136
DATES	Order Feb. 1894		Keel Lay		Launch 15 Nov 1894		Delivery 15 Dec 1894
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Short of Grenada .W.I.		
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 25½ 43 69 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw	
N.H.P. 550	I.H.P. 2500 DESIGN RPM		DESIGN SPEED 11½ KNOTS		CONDENSER COOLING SURFACE 4000 SQ. FT.		
EXPANSION RATIO 10.22	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -				
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical - (D.E)			Working : main 170 Pressure : auxiliary - p.s.i.		
Dimensions D x L 17.0 x 15.64 ft			Total Heating Surface 10526 Sq. Ft		Total Grate Area 240 Sq. Ft		
Steam Space Volume 1632 cubic feet		Furnaces: ^{total} no 12 : dia 3 ft 10 inches : length 6 ft 0 inches					
Boiler Tubes : Diameter 3 inches : length 6 ft 0 inches		Fuel: Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{RH} LH: Dia 17.25 ft : pitch 18.0 ft : No. of blades 4		built <input checked="" type="checkbox"/> : solid		: material bronze			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14½ / 2½ 13½ 15¼ inches							
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement -		Tons : Draught -		ft. : Cb -		Speed - ^{not} taken Knots -	
I.H.P. 2353 R.P.M. 78		Steam Pressure at Engine 170 p.s.i. : Vacuum 28 inches Hg					
CONTRACT OUTCOME							
Invoice Price £ 50623				Net Profit £ 1143			
CAREER							
Initial Trade :							
1911 - Transferred to Nederlandsche Stoomvaart Maatschappij Oceaan							
Feb 1923 - Sold to become 'Fingal' owned by (N.S.M.O.)							
Paulsen and Ivers, Kiel.							
1926 - Sold to Italian Owners and renamed Fortunato Secondo.							
1926 - Scrapped at Genoa.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHIHLI		SHIP No	323		DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	370		1895
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	260.0	38.0	22.5	18.0		1885	1158	3953
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
123.650	0.78	Clincher	Steel		Schooner	-	784	2
DATES	Order 4 July 1894		Keel Lay		Launch 12 Dec. 1894		Delivery 23 Jan 1895	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO	11.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.3}$				
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 180 p.s.i. : auxiliary		
Dimensions D x L		14.5 x 10.25 ft		Total Heating Surface		3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.
Steam Space Volume		886 cubic feet		Furnaces: ^{total} no 6 : dia 3 ft 6 inches : length 7 ft 0 inches				
Boiler Tubes: Diameter		3 $\frac{1}{2}$ inches : length 7 ft 0 inches		Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1		^{RH} LH: Dia 14.0 ft : pitch 15.33 ft : No. of blades 4		built: solid <input checked="" type="checkbox"/>		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:- 10 $\frac{3}{4}$ 10 $\frac{1}{4}$ 10 $\frac{3}{4}$ inches								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 1895		Tons: Draught 9.5 ft		Cb - 0.706		Speed - 11.33 Knots		
I.H.P. 1216		R.P.M. 77.5		Steam Pressure at Engine 172 p.s.i.		Vacuum 27 $\frac{5}{8}$ inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 26900.				Net Profit £ 1708.				
CAREER								
Initial Trade: China Coaster								
Sold for breaking up - November 1927.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HUNAN		SHIP No	324		DELIVERY YEAR
Scott & Co CB	General Cargo.	SHIP OWNER	China Navigation Co. London		ENGINE No	371		1895.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	260.0	38.0	22.5	18.0		1885	1158	3953
SALE CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DISPOSD STRU WEIGHT - TONS	No. of Masts
123650	0.78	Clincher	Steel		Schooner	-	784	2
DATES	Order 4 Jul 1894			Keel Lay	Launch 10 Jan 1895		Delivery 14 Feb 1895	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw.	
N.H.P. 250	I.H.P. 1100		DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO	11.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.6}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.3}$			
No of Boilers: main 2 : auxiliary -			TYPE: Cylindrical			Working Pressure: main 180 : auxiliary p.s.i.		
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.			Total Grate Area 126 Sq. Ft.		
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel coal			Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 ^{RH} LH: Dia 14.0 ft : pitch 15.33 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>			: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 3/4 10 1/4 10 3/4 inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1857 Tons: Draught 9.33 ft: Cb - 0.704 : Speed - ^{not} taken Knots								
I.H.P. 1270 R.P.M. 83 : Steam Pressure at Engine 180 p.s.i.: Vacuum 26 1/4 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 26930.					Net Profit £ 1607.			
CAREER								
Initial Trade: China Coaster.								
June 1926 - sold to Chinese ship breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KALGAN		SHIP No	325		DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No	372		1895
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	260.0	38.0	22.5	18.0		1885	1158	3953
SAIL CAPACITY other than	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
123650	0.78	Clincher	Steel	Schooner	-	784	2	
DATES	Order 4 Jul 1894		Keel Lay	Launch 12 Feb 1895		Delivery 9 Mar 1895		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor -				
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 32 52 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. 1100 DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.			
EXPANSION RATIO 11.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.3}$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary -			
Dimensions D x L 14.5 x 10.25 ft		Total Heating Surface 3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.				
Steam Space Volume 886 cubic feet		Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches						
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches		Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1		RH LH: Dia 14.0 ft : pitch 15.33 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 3/4 10 1/4 10 3/4 inches								
Electric Generators: No. - : K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement 1866 Tons		Draught 9.38 ft		Cb - 0.705		Speed - not taken Knots		
I.H.P. 1205 R.P.M. 78.0		Steam Pressure at Engine 178 p.s.i.		Vacuum 27 1/2 inches Hg				
CONTRACT OUTCOME								
Invoice Price £26930.				Net Profit £1607.				
CAREER								
Initial Trade: China Coaster.								
Torpedoed & Sunk by UB 53. in Mediterranean								
on 6th March 1918. (35 miles S.W. of Yafa, Syria)								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. yacht GRETA				SHIP No 331	DELIVERY YEAR	
Scott & Co CD	Pleasure Yacht	SHIP OWNER	John Scott, Greenock				ENGINE No 378	1895	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L.	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	145.0	22.0	13.25	10.75		232	115	338	—
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.453	Clincher & Carvel.	Steel.		Schooner	L.R.	411	2	
DATES	Order Nov 1894			Keel Lay 14 Nov 1894	Launch 27 Mar 1895		Delivery 29 Mar 1895		
Passengers Carried	1st Cl	2nd Cl		3rd Cl		Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 12 20 32 INCHES					STROKE 2.17 FT.		PROPULSION MODE Screw		
N.H.P. 100	I.H.P. 500		DESIGN RPM		SPEED 11 KNOTS		CONDENSER COOLING SURFACE 800 SQ. FT.		
EXPANSION RATIO 11.0	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{16.9}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =		
No of Boilers: main 1 : auxiliary —		TYPE: Cylindrical				Working : main 170 Pressure : auxiliary p.s.i.			
Dimensions D x L 12.75 x 9.0 ft		Total Heating Surface 1473 Sq. Ft.		Total Grate Area 52.25 Sq. Ft.					
Steam Space Volume 236 cubic feet		Furnaces: total no 3 : dia 3 ft 2 inches : length 6 ft 0 inches							
Boiler Tubes : Diameter 3 inches : length 6 ft 0 inches		Fuel coal		Draught: Natural / Forced					
Propeller(s) : No. 1 [✓] RH		LH: Dia 8.42 ft : pitch 9.33 ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 6 1/2 . 6 1/4 6 1/2 inches									
Electric Generators : No. 1 : — K.W. each : Voltage (— Lighting Set.)									
TRIAL INFORMATION									
Displacement 350 Tons : Draught 9.75 ft. : C _b - 0.417 : Speed - 12 Knots									
I.H.P. R.P.M. 140 Steam Pressure at Engine 165 p.s.i. : Vacuum 25 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 12231. Net Profit - 0.									
CAREER									
Initial Trade :									
Owned as Lavanda 1898-1910 L.D. Cunliffe, 1910 - J. Rolls Hoare.									
" " Dorothy 1911 W.E. Cain, 1915 RJE Baker, 1920 - Christensen (Bergen)									
" " Devonla 1925-8 J.C. Drewe 1928-38 Capt GB Portman, Cowes									
Acquired by H.M.C. 1947 HMS St. Dominica									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KANSU.		SHIP No	326	DELIVERY YEAR		
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	373	1895		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	260.0	38.0	22.5	18.0		1885	1158	3953	2693
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
123650	0.78	Clincher	Steel.		Schooner	-	784	2	
DATES	Order 4 Jul 1894		Keel Lay		Launch 12 Mar 1895		Delivery 6 Apr 1895		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.		
EXPANSION RATIO	11.0	RATIO		Air Pump Capacity LP. Cylinder Volume		17.6		RATIO	
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i.		
Dimensions D x L		14.5 x 10.25 ft		Total Heating Surface		3362 Sq. Ft.		Total Grate Area	
Steam Space Volume		886 cubic feet		Furnaces: total no 6		: dia 3 ft 6 inches		length 7 ft 0 inches	
Boiler Tubes: Diameter		3 1/2 inches		length 7 ft 0 inches		Fuel Coal		Draught: Natural	
Propeller(s): No. 1		RH		LH: Dia 14.0 ft		pitch 15.33 ft		No. of blades 4	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		10 3/4		10 1/4		10 3/4		inches	
Electric Generators: No. -		:		K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement		1866 Tons		Draught 9.38 ft		Cb - 0.705		Speed - taken Knots	
I.H.P.		R.P.M. 79		Steam Pressure at Engine		175 p.s.i.		Vacuum 26 1/2 inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 26930.					Net Profit £ 1607.				
CAREER									
Initial Trade: China-Coaster.									
November 1927 - Broken up in Japan.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DIOMED		SHIP No	327	DELIVERY YEAR
Scott & Co. CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	374	1895
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	390.0	47.0	29.33	23.5		4279	2776
							Displacement
							9312
							Deadweight
							6212
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
300873	0.76	Clincher	Steel	Schooner	-	2166	2
DATES	Order Aug 1894		Keel Lay	Launch 9 Apr 1895		Delivery 17 May 1895	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -		Launch Sponsor -				
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS 25 $\frac{1}{2}$ 43 69 INCHES				STROKE 4.5 FT.		PROPULSION MODE Screw	
N.H.P. 556	I.H.P. 2500		DESIGN SPEED 11 $\frac{1}{2}$ KNOTS		CONDENSER COOLING SURFACE 4000 SQ. FT.		
EXPANSION RATIO 10.2	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{23.8}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.6}$				
No of Boilers: main 2 : auxiliary -	TYPE: Cylindrical			Working : main 170 Pressure : auxiliary - p.s.i.			
Dimensions D x L 17.0 x 15.63 ft		Total Heating Surface 10526 Sq. Ft.		Total Grate Area 240 Sq. Ft.			
Steam Space Volume 1632 cubic feet		Furnaces : ^{total} no 12 : dia 3 ft 10 inches : length 6 ft 0 inches					
Boiler Tubes : Diameter 3 inches : length 6 ft 0 inches		Fuel Coal		Draught : Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{✓ RH} LH : Dia 17.25 ft : pitch 18.0 ft : No. of blades 4 ^{built ✓} : solid		: material bronze					
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14 $\frac{1}{4}$ /2 $\frac{1}{2}$ 13 $\frac{1}{2}$ 15 $\frac{1}{4}$ inches							
Electric Generators : No. - : - K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement 3987 Tons : Draught 11.33 ft : Cb - 0.671 : Speed - 13.53 Knots							
I.H.P. RPM. 81 Steam Pressure at Engine 171 p.s.i. : Vacuum 28 inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 52020. Net Profit £ 2122.							
CAREER							
Initial Trade :							
22 nd August 1915 - Sunk by gunfire from U 38 off Queenstown.							
Out of crew of 52, 10 were killed and							
3 wounded.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KASHING		SHIP No	DELIVERY YEAR			
Scott & Co. CB	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No	1895			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	260.0	38.0	22.5	18.0		1885	1158	3953	2693
RAIL CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
123650	0.78	Clincher	Steel	Schooner	-	784	2		
DATES	Order 7 Nov 1894		Keel Lay	Launch 22 Apr 1895		Delivery 18 May 1895			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion					
CYLINDER DIAMETERS - 20 32 52 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screws			
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.		
EXPANSION RATIO	11.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.3}$					
No of Boilers: main	2	auxiliary	TYPE: Cylindrical		Working Pressure: main 180 p.s.i.		auxiliary		
Dimensions D x L		14.5 x 10.25 ft		Total Heating Surface		3362 Sq. Ft.		Total Grate Area	
Steam Space Volume		886 cubic feet		Furnaces: total no		6 : dia 3 ft 6 inches : length 7 ft 0 inches			
Boiler Tubes: Diameter		3 1/2 inches : length 7 ft 0 inches		Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No.		1 ^{✓ RH} LH: Dia 14.0 ft : pitch 15.33 ft : No. of blades		4 built: solid <input checked="" type="checkbox"/>		material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		10 3/4 10 1/4 10 3/4 inches							
Electric Generators: No.		-		K.W. each: Voltage		-			
TRIAL INFORMATION									
Displacement		1896 Tons		Draught 9.5 ft		Cb - 0.706		Speed - ^{not} taken Knots	
I.H.P. 1310		R.P.M. 78.0		Steam Pressure at Engine		175 p.s.i.		Vacuum 27 inches Hg	
CONTRACT OUTCOME									
Invoice Price		£26902		Net Profit		£2105			
CAREER									
Initial Trade: China Coaster.									
October 1904 - Damaged by mine on voyage Chefoo/Shanghai									
Reached Weihaiwei.									
April 1927 - Sold to Japanese shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. SZECHUEN	SHIP No 330	DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London.	ENGINE No 377	1895

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	260.0	38.0	22.5	18.0		1885	1158	3953	2693
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
123650	0.78	Clincher	Steel	Schooner	-	784	2		
DATES	Order 7 Nov 1894	Keel Lay		Launch 29 May 1895	Delivery 22 June 1895				
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor -					

MACHINERY

SUPPLIER Greenock Foundry Co.			TYPE Steam Triple Expansion		
CYLINDER DIAMETERS - 20 32 52 INCHES			STROKE 3.25 FT.		PROPULSION MODE Screw
N.H.P. 250	I.H.P 1100 DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.
EXPANSION RATIO 11.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.3}$		
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical		Working Pressure : main 180 : auxiliary - p.s.i.	
Dimensions DxL 14.5 x 10.25 ft		Total Heating Surface 3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.	
Steam Space Volume 886 cubic feet		Furnaces : ^{total} no 6 : dia 3 ft 6 inches : length 7 ft 0 inches			
Boiler Tubes : Diameter ^{o.d.} 3 $\frac{1}{2}$ inches : length 7 ft 0 inches		Fuel coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 ^{✓ RH} LH : Dia 14.0 ft : pitch 15.33 ft : No. of blades 4 ^{built solid} <input checked="" type="checkbox"/> : material					
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10 $\frac{3}{4}$ 10 $\frac{1}{4}$ 10 $\frac{3}{4}$ inches					
Electric Generators : No. - : - K.W. each : Voltage -					

TRIAL INFORMATION

Displacement 1915 Tons	Draught 9.58 ft	Cb - 0.707	Speed - 11.52 Knots
I.H.P. 1380 R.P.M. 91.5	Steam Pressure at Engine 176 p.s.i.	Vacuum 27 $\frac{1}{2}$ inches Hg	

CONTRACT OUTCOME

Invoice Price £ 26902	Net Profit £ 2065.
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CAREER

Initial Trade: China Coaster.

10th May - Torpedoed and sunk by UB 51 in Mediterranean

1918. 66 miles N.E. of Port Said. 9 dead.

Finally declared total loss on 22/6/1918.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MENELAUS		SHIP No 328	DELIVERY YEAR			
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No 375	1895			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	47.0	29.33	23.5		4258	2771	9312	6212
SALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
300873	0.76	Clincher	Steel		Schooner	-		2166	2
DATES	Order Aug 1894		Keel Lay		Launch 5 June 1895		Delivery 29 June 1895		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. John Swire.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 25 1/2 43 69 INCHES					STROKE - 4.5 FT.		PROPULSION MODE Screw		
N.H.P. 550	I.H.P. 2500 DESIGN RPM		DESIGN SPEED		11 1/2 KNOTS		CONDENSER COOLING SURFACE 4000 SQ. FT.		
EXPANSION RATIO 10.0	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/23.8		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/18.6		
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical			Working : main 170 Pressure : auxiliary - p.s.i.		
Dimensions D x L 17.0 x 15.63 ft				Total Heating Surface 10526 Sq. Ft.		Total Grate Area 240 Sq. Ft.			
Steam Space Volume 1632 cubic feet				Furnaces: total : dia ft : inches : length ft : inches					
Boiler Tubes : Diameter 3 inches : length 6 ft				0 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>	
Propeller(s) : No. 1 ^{✓RH} LH: Dia 17.25 ft : pitch 18.0 ft				No. of blades 4		built <input checked="" type="checkbox"/> : solid		: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14 1/4 / 2 1/2 13 1/2 15 1/4 inches									
Electric Generators : No. - : - K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement -		Tons : Draught -		ft. : Cb -		Speed - ^{not} taken Knots			
I.H.P.	R.P.M. 84.0	Steam Pressure at Engine 165 p.s.i. :		Vacuum 28 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 52020.					Net Profit £ 2122.				
CAREER									
Initial Trade :									
Launch of 'Menelaus' was probably the last occasion when J.S. Swire, Alfred Holt & John Scott & Co met together.									
March 1916 - sold to Govt (kite balloon ship) & renamed Dava.									
1923 - scrapped at Genoa.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. FOOCHOW	SHIP No	332	DELIVERY YEAR
Scott & Co. CO	General Cargo.	SHIP OWNER	China Navigation Co. London.	ENGINE No	379	1895

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		2030	1253	4133	2823

SALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
129650	0.77	Clincher	Steel	Schooner		811	2

DATES	Order Nov 1894	Keel Lay	Launch 25 Jul 1895	Delivery 24 Aug 1895
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Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor -
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MACHINERY

SUPPLIER Greenock Foundry Co.	TYPE Steam Triple Expansion.
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CYLINDER DIAMETERS - 20 32 52 INCHES	STROKE 3.25 FT.	PROPULSION MODE Screw
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N.H.P. 250	I.H.P. 1100	DESIGN SPEED 10 KNOTS	CONDENSER COOLING SURFACE 1750 SQ. FT.
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EXPANSION RATIO 11.06	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.6}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.3}$
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No of Boilers: main 2 : auxiliary	TYPE: Cylindrical	Working Pressure: main 180 : auxiliary - p.s.i.
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Dimensions D x L 14.5 x 10.25 ft	Total Heating Surface 3362 Sq. Ft.	Total Grate Area 126 Sq. Ft.
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Steam Space Volume 886 cubic feet	Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches
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Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches	Fuel coal	Draught: Natural <input checked="" type="checkbox"/> Forced
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Propeller(s): No. 1 ^{RH} LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4	built solid <input checked="" type="checkbox"/>	: material
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Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	10 3/4 10 1/4 10 3/4 inches
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Electric Generators: No. - : -	K.W. each : Voltage -
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TRIAL INFORMATION

Displacement 1990 Tons	Draught 9.46 ft.	Cb - 0.705	Speed - 11.84 Knots
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I.H.P. 1287	R.P.M. 93	Steam Pressure at Engine 177.5 p.s.i.	Vacuum 26 1/2 inches Hg
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CONTRACT OUTCOME

Invoice Price £27409	Net Profit £1611.
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CAREER

Initial Trade: China Coaster

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1927 - Converted to a hulk at Chinkiang.
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1930 - Sold for breaking up.

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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PAKHOI		SHIP No	333	DELIVERY YEAR	1895
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co London		ENGINE No	380		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	275.0	38.0	22.5	18.0		2024	1248	4133
DEADWEIGHT	CONSTRUCTION		MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
129650	0.77 Clincher		Steel		Schooner		811	2
DATES	Order Nov 1894		Keel Lay		Launch 12 Aug 1895		Delivery 7 Sept 1895	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO 10.98		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.6}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.3}$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary -			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.			
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 RH LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>		material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 3/4 10 1/4 10 3/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1940 Tons		Draught 9.25 ft		Cb - 0.702		Speed - 12 Knots		
I.H.P. 1295 R.P.M. 90		Steam Pressure at Engine 179 p.s.i.		Vacuum 26 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 27274				Net Profit £ 1675.				
CAREER								
Initial Trade: China Coaster.								
July 1927 - sold to Japanese shipbreakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TIENTSIN.		SHIP No	DELIVERY YEAR			
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London		335	1895.			
					ENGINE No				
					382				
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		2026	1250	4133	2823
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
129650	0.77	Clincher	Steel	Schooner	-	811	2		
DATES	Order Mar 1895		Keel Lay	Launch 5 Sept 1895		Delivery 5 Oct 1895			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.		
EXPANSION RATIO 10.8		RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{17.6}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{17.3}$	
No of Boilers: main 2 : auxiliary			TYPE: Cylindrical			Working Pressure: main 180 p.s.i. auxiliary -			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.			Total Grate Area 126 Sq. Ft.			
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches						
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel coal			Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH			LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4			built: solid <input checked="" type="checkbox"/> : material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-			10 3/4 10 1/4 10 3/4 inches						
Electric Generators: No. - : -			K.W. each: Voltage -						
TRIAL INFORMATION									
Displacement 1970 Tons			Draught 9.38 ft.			Cb - 0.704 : Speed - 11.86 Knots			
I.H.P. 1381 R.P.M. 97			Steam Pressure at Engine 182 p.s.i. : Vacuum 26 inches Hg						
CONTRACT OUTCOME									
Invoice Price £ 27373.					Net Profit £ 1731.				
CAREER									
Initial Trade: China Coaster									
January 1928 - Sold to Japanese Shipbreakers									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. WUHU.				SHIP No 334	DELIVERY YEAR	
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London				ENGINE No 381	1895	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		2026	1250	4133	2823
SALE CAPACITY Gross Tons	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOLVED STEEL WEIGHT - TONS	No. of Masts
129650	0.77	Clincher	Steel		Schooner	-		811	2
DATES	Order Mar 1895			Keel Lay	Launch 23 Sep 1895			Delivery 29 Oct 1895	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE		PROPULSION MODE		
					FT.		Screw		
N.H.P. 250	I.H.P. 1100 DESIGN RPM			DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO 11.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.6}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.3}$				
No of Boilers: main 2 : auxiliary			TYPE: Cylindrical			Working : main 180 Pressure : auxiliary - p.s.i.			
Dimensions D x L 14.5 x 10.25 ft				Total Heating Surface		3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.	
Steam Space Volume 886 cubic feet				Furnaces: ^{total} no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes : Diameter 3 $\frac{1}{2}$ inches : length 7 ft 0 inches				Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 1 ^{RH} LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4				built : solid <input checked="" type="checkbox"/>		: material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10 $\frac{3}{4}$ 10 $\frac{1}{4}$ 10 $\frac{3}{4}$ inches									
Electric Generators : No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 1900		Tons : Draught 9.08 ft : Cb -		Speed - 12.19 Knots					
I.H.P. 1364		R.P.M. 92		Steam Pressure at Engine 180 p.s.i. : Vacuum 26 $\frac{1}{2}$ inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 27384					Net Profit £ 1848				
CAREER									
Initial Trade: China Coaster									
July 1927 - Sold to Japanese Shipbuilders.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PROMETHEUS	SHIP No	336	DELIVERY YEAR
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool	ENGINE No	383	1896

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	420.0	49.0	31.5	25.25		5204	3340	11312	7512
SALE CAPACITY under Deck	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STEEL WEIGHT - TONS	No. of Masts		
354091	0.76	Clincher	Steel	Schooner	-	2655	2		
DATES	Order June 1895			Keel Lay	Launch 3 Mar 1896		Delivery 29 Apr 1896		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				

MACHINERY

SUPPLIER Greenock Foundry Co			TYPE Steam Triple Expansion.		
CYLINDER DIAMETERS - 29 50 82 INCHES			STROKE 5.0 FT.		PROPULSION MODE Screw.
N.H.P. 590	I.H.P. 3500 DESIGN RPM	DESIGN SPEED 12.5 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.	
EXPANSION RATIO 11.07	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{22.1}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{1}$		
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)		Working Pressure : main 180 p.s.i. auxiliary	
Dimensions DxL 15.5 x 18.64 ft		Total Heating Surface 9846 Sq. Ft.		Total Grate Area 215 Sq. Ft.	
Steam Space Volume 1750 cubic feet		Furnaces: ^{total} no 12 : dia 3 ft 7 inches : length 7 ft 2 1/2 inches			
Boiler Tubes : Diameter ^{s.d.} 2 1/2 inches : length 7 ft 2 5/8 inches		Fuel : Coal		Natural <input checked="" type="checkbox"/> Draught : Forced	
Propeller(s) : No. 1 ^{RH} LH: Dia 18.5 ft : pitch 21.0 ft : No. of blades 4		built <input checked="" type="checkbox"/> solid		: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 16 15 16 3/4 inches					
Electric Generators : No. - : - K.W. each : Voltage - - - - -					

TRIAL INFORMATION

Displacement 5114	Tons: Draught 12.5 ft: C _b - 0.723	Speed - 12.89 Knots
I.H.P. 4263	R.P.M. 90	Steam Pressure at Engine 180 p.s.i.: Vacuum 27 1/4 inches Hg

CONTRACT OUTCOME

Invoice Price£ 61594.	Net Profit -£1209.
CAREER	
Initial Trade:	
1924 - sold to become Italian 'Delia' of Genoa.	
1925-6 - scrapped in Italy.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co CB	Sailing Vessel	LADY WENTWORTH.	338	1896
		SHIP OWNER	ENGINE No	
		Grianaig Shipping Co. & Scott & Co Greenock	—	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	283.0	45.5	27.5	22.08		2715	2552	5830	4270
SALE CAPACITY Gross Tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.72	Clincher	Steel		Barque	L.R.	1189	4	
DATES	Order 28 Feb 1896			Keel Lay		Launch 12 May 1896		Delivery 5 June 1896	
Passengers Carried						Launch Sponsor Mrs. Archd. Adam.			

CONTRACT OUTCOME

Invoice Price £18931

Net Profit £1896

CAREER.

1905 - Sold to H. Folsch. Hamburg - renamed 'Woglinde'

1921 - with the Italian Government.

1923 - Hulk.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott & Co. CD.		CAISSON for DOCK GATES.	356	1899
		SHIP OWNER	ENGINE No	
		Cia. Nacional de Nav. Costeira. Rio	—	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
SALE CAPACITY <small>cubic feet</small>	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
DATES	Order			Keel Lay		Launch		Delivery	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price £2030

Net Profit £649

CAREER.

The dock was built by the company for maintenance & repair work at their yard on Vianna island in Guanabara Bay (Rio Bay) where the company also had workshops.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HAWK		SHIP No	339	DELIVERY YEAR
Scott & Co. CD.	Steam Launch.	SHIP OWNER	John Scott IV & Robt. Sinclair Scott Greenock		ENGINE No	385	1896
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	50.0	11.0	6.5	5.25		25	8
DISPLACEMENT	Deadweight						
49							
BASE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
250	0.594	Clincher	Steel	-	-	-	none
DATES	Order	Keel Lay	Launch 12 Apr 1896		Delivery 12 June 1896		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Greenock Foundry Co.			TYPE Steam Compound Expansion			
CYLINDER DIAMETERS -	8	16	INCHES	STROKE	1.0	FT.	PROPULSION MODE Screw
N.H.P. 15	I.H.P. 70	DESIGN RPM	DESIGN SPEED	10 KNOTS		CONDENSER COOLING SURFACE 85 SQ. FT.	
EXPANSION RATIO	6.14	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{13.1}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{16.9}$			
No of Boilers: main	1	: auxiliary	-	TYPE: Cylindrical		Working Pressure: main 120 p.s.i. auxiliary -	
Dimensions D x L	6.13 x 7.0		ft	Total Heating Surface	250	Sq. Ft.	Total Grate Area 12.3 Sq. Ft.
Steam Space Volume	42		cubic feet	Furnaces: total no	1	: dia 2 ft 9 inches: length 5 ft 0 inches	
Boiler Tubes: Diameter	2 1/2		inches: length 5 ft 0 inches	Fuel coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No.	1	✓ RH	LH: Dia 4.25 ft: pitch 5.5 ft: No. of blades 4	built: solid <input checked="" type="checkbox"/>	: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	3 1/2		3 3/8	3 1/2	inches		
Electric Generators: No.	-	: -	K.W. each: Voltage -				
TRIAL INFORMATION							
Displacement	-	Tons: Draught	-	ft.: Cb	-	: Speed	-
I.H.P.	-	R.P.M.	-	Steam Pressure at Engine	-	p.s.i.: Vacuum	-
CONTRACT OUTCOME							
Invoice Price £	1510		Net Profit	0			
CAREER							
Initial Trade:	Used locally by Scotts:						
Sold 30 th October 1906 to Khedivial Steamship Co., London for £850 - shipped to Alexandria.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GLAUCUS		SHIP No	337	DELIVERY YEAR		
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	384	1896		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	420.0	49.0	31.5	25.25		5295	3369	11312	7512
BAL. CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
354091	0-76	Clincher	Steel	Schooner	-	2665	2		
DATES	Order June 1895		Keel Lay		Launch 28 Apr 1896		Delivery June 1896		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs Alfred Holt.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 29 50 82 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 590	I.H.P. 3500		DESIGN SPEED		12.5 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.		
EXPANSION RATIO 11.0	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{22.1}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume =		
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 180 : auxiliary p.s.i.				
Dimensions D x L 15.5 x 18.64 ft				Total Heating Surface 9846 Sq. Ft.		Total Grate Area 215 Sq. Ft.			
Steam Space Volume 1750 cubic feet				Furnaces: total no 12 : dia 3 ft 7 inches : length 7 ft 2 1/2 inches					
Boiler Tubes: Diameter 2 1/2 inches : length 7 ft 2 3/8 inches				Fuel coal		Draught: Natural Forced			
Propeller(s): No. 1 RH LH: Dia 18.5 ft : pitch 21.0 ft : No. of blades 4 built solid				material Wange					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 16 15 16 3/4 inches									
Electric Generators: No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement -		Tons : Draught -		ft : Cb -		Speed -		Knots	
I.H.P. -		R.P.M. -		Steam Pressure at Engine -		p.s.i. : Vacuum -		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 61609.					Net Profit - £ 694.				
CAREER									
Initial Trade:									
Sunk in Mediterranean Sea by UB-68 20 miles west of Cape Granitola on 3rd June 1918.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ITAYA		SHIP No	341	DELIVERY YEAR		
Scott & Co CB	General Cargo	SHIP OWNER	Cia Nacional de Nav. Costeira - Rio.		ENGINE No	387	1896		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	181.0	35.0	11.5	9.5		665	452	1410	960
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
40440	0.84	Clincher	Steel	Schooner	-	271	2		
DATES	Order 17 Apr, 1896		Keel Lay	-	Launch 25 Sept 1896	Delivery 10 Oct 1896			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co				TYPE Steam Triple Expansion					
CYLINDER DIAMETERS - 9 15 25 INCHES				STROKE 1.75 FT.		PROPULSION MODE Screw			
N.H.P. 80	I.H.P. 400		DESIGN SPEED 8 KNOTS		CONDENSER COOLING SURFACE 786 SQ. FT.				
EXPANSION RATIO 12.55		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{16}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.3}$					
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical		Working Pressure: main 160 : auxiliary - p.s.i.					
Dimensions D x L 12.0 x 10.17 ft				Total Heating Surface 1270 Sq. Ft.		Total Grate Area 49.5 Sq. Ft.			
Steam Space Volume 285 cubic feet				Furnaces: total no 3 : dia 3 ft 0 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches				Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 RH LH: Dia 6.5 ft : pitch 7.5 ft : No. of blades 4 built solid <input checked="" type="checkbox"/> : material									
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: 5 4 1/2 5 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 1075 Tons: Draught 7.3 ft: C _B - 0.81 : Speed - 8.12 Knots									
I.H.P. 503 R.P.M. 158.5 Steam Pressure at Engine 155 p.s.i.: Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 8665. Net Profit £ 291									
CAREER									
Initial Trade: Brazilian Coast.									
Became Jodo da Barra.									

[illegible]

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ALLINGA		SHIP No	344	DELIVERY YEAR
Scott & Co CD.	Cargo Passenger	SHIP OWNER	Adelaide Steamship Co. Adelaide. SA.		ENGINE No	390	1897
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	280.0	42.5	23.0	18.5		2242	1406
							Displacement
							4640
							Deadweight
							2797
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
123501	0.76	Clincher	Steel	Schooner	L.R.	1139	2
DATES	Order 6 Nov. 1895			Kel Lay	Launch 21 Dec 1896	Delivery 5 Mar 1897	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor			
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 15 1/2 25 40 INCHES				STROKE - 2.5 FT.		PROPULSION MODE Twin Screw	
N.H.P. 300	I.H.P. 1500		DESIGN SPEED		CONDENSER COOLING SURFACE 2432 SQ. FT.		
EXPANSION RATIO 9.84		RATIO Air Pump Capacity LP. Cylinder Volume = -		RATIO S.W. Circ. Pump Capacity LP. Cylinder Volume = -			
No of Boilers: main 2 : auxiliary		TYPE: Cylindrical			Working Pressure: main 180 : auxiliary p.s.i.		
Dimensions D x L 15.5 x 10.0 ft		Total Heating Surface 4270 Sq. Ft.		Total Grate Area 120 Sq. Ft.			
Steam Space Volume 940 cubic feet		Furnaces: total no 6 : dia 4 ft 0 inches : length 6 ft 6 inches					
Boiler Tubes: Diameter 3 inches : length 6 ft 6 inches		Fuel coal		Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 11.25 ft : pitch 11.5 ft : No. of blades 3 : built solid <input checked="" type="checkbox"/>		: material					
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/4 8 8 1/2 inches							
Electric Generators: No. - : K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement 3815		Tons: Draught 15.38 ft: Cb - 0.73		Speed - 10.53 Knots			
I.H.P. 1597		R.P.M. 111.0		Steam Pressure at Engine 180 p.s.i.:		Vacuum 27 1/2 inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 52150		Net Profit £ 3398					
CAREER							
Initial Trade: Australian Coast.							
1919 - Laid up in Sydney after being sold to Eryldon S.S. Co of Sydney.							
Jan - 1920 - Purchased by H.M. Nemzee, Hong Kong & renamed Lovestan.							
1925 - Chinese owners & renamed Tai Fook Sing.							
1935 - Broken up in Shanghai.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Yacht AEGUSA		SHIP No	343	DELIVERY YEAR		
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	Commendatore Ignazio Florio. Palermo		ENGINE No	389			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	252.0	31.5	20.5	16.67		994	676	1806	-
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.48	Clincher & Carvel	Steel		Schooner	L.R.	533	2	
DATES	Order Dec 1895		Keel Lay		Launch 7 Dec 1896		Delivery 8 Mar 1897		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Scott, daughter of C.C. Scott.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion. (4 cyls.)				
CYLINDER DIAMETERS - 24 40 45 45 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 500	I.H.P. 2500		DESIGN SPEED		15.6 KNOTS		CONDENSER COOLING SURFACE 3212 SQ. FT.		
EXPANSION RATIO	10.0	RATIO		Air Pump Capacity / L.P. Cylinder Volume = 1 / 16.7		RATIO		S.W. Circ. Pump Capacity / L.P. Cylinder Volume = -	
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary -		
Dimensions D x L 17.75 x 10.25 ft				Total Heating Surface 5788 Sq. Ft.		Total Grate Area 184 Sq. Ft.			
Steam Space Volume 1308 cubic feet				Furnaces: total no 8 : dia 3 ft 10 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches				Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{✓RH} LH: Dia 13.5 ft : pitch 16.5 ft				No. of blades 4		built: solid : material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-						12 11 1/2 12 inches			
Electric Generators: No. -						K.W. each: Voltage -			
TRIAL INFORMATION									
Displacement 1330		Tons		Draught 13.67 ft		Cb - 0.452		Speed - 16 Knots	
I.H.P. 2500		R.P.M. 106		Steam Pressure at Engine 175 p.s.i.		Vacuum 25 1/2 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 44469.					Net Profit £ 1174.				
CAREER									
Initial Trade: Pleasure cruising									
Bought c. 1898 by Sir Thomas Lipton & renamed 'Evin'.									
On the outbreak of WWI he fitted her out as a hospital ship & proceeded to the Near East on a mission to the Serbians.									
Later, having been taken over by the Admiralty she was used as a patrol vessel. Sunk by a mine 1 st May 1916. 6 lost.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
		NIVELLE.	345	
Scott & Co CB	Sailing Vessel	SHIP OWNER	ENGINE No	1897
		A. Russell & J. Hardie Glasgow		

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	278.5	42.9	26.0	20.84		2430	2262	5334	3984
SALE CAPACITY <small>about tons</small>	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.75	Clincher	Steel		Barque	B.C.	2262	4	
DATES	Order	Sept. 1896		Keel Lay		Launch 20 Apr 1897	Delivery 19 May 1897		
Passengers Carried						Launch Sponsor Miss L. Hardie d. of J. Hardie.			

CONTRACT OUTCOME

Invoice Price £ 19350.

Net Profit -£ 748.

CAREER.

30th June 1906 - Wrecked on Point Grande, Antofagasta, Chile.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
		HOUGOMONT.	346	
Scott & Co CB	Sailing Vessel.	SHIP OWNER	ENGINE No	1897
		A. Russell & J. Hardie Glasgow		

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	278.5	42.9	26.0	20.84		2430	2262	5334	3984
SALE CAPACITY Males & Fem	G ₀	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.75	Clincher		Steel		Barque	B.C.	2262	4
DATES	Order	Oct. 1896		Keel Lay		Launch 3 Jun 1897		Delivery 30 Jun 1897	
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price £ 19350.

Net Profit -£ 551.

CAREER.

Hulked as a breakwater - 1932.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht TUSCARORA		SHIP No	347	DELIVERY YEAR		
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	Mrs. E.B. Clark or Laidlaw - Paisley		ENGINE No	392	1897		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	170.0	26.5	15.4	12.375		541	304	924	-
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.58	Carvel	Steel		Schooner	L.R.	263	2	
DATES	Order Dec. 1896		Keel Lay	1897	Launch 17 Jun 1897		Delivery 17 Aug. 1897		
Passengers Carried	1st Cl 10		2nd Cl -		3rd Cl -		Launch Sponsor Mrs. Laidlaw.		
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 16 26 41 INCHES					STROKE - 2.25 FT.		PROPULSION MODE Screw		
N.H.P. 122.3	I.H.P. 1000		DESIGN RPM		DESIGN SPEED 12.5 KNOTS		CONDENSER COOLING SURFACE 1260 SQ. FT.		
EXPANSION RATIO 8.63	RATIO		Air Pump Capacity / L.P. Cylinder Volume = 1/20.1		RATIO		S.W. Circ. Pump Capacity / L.P. Cylinder Volume = -		
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 170 : auxiliary - p.s.i.			
Dimensions D x L 13.25 x 11.25 ft				Total Heating Surface 1854 Sq. Ft.		Total Grate Area 58.5 Sq. Ft.			
Steam Space Volume 344 cubic feet				Furnaces: total no 3 : dia 3 ft 4 1/2 inches : length 7 ft 9 inches					
Boiler Tubes: Diameter 3 inches : length 7 ft 10 1/2 inches				Fuel coal		Natural Draught: Forced ✓			
Propeller(s): No. 1 RH LH: Dia 9.5 ft : pitch 10.5 ft : No. of blades 3				built solid ✓		: material			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 7 8 8 1/4 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 698 Tons: Draught 10.42 ft: Cb - 0.52 : Speed - 12.48 Knots									
I.H.P. 1030 R.P.M. 150 : Steam Pressure at Engine 175 p.s.i.: Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 25389					Net Profit -£ 1069.				
CAREER									
Initial Trade:									
1897 - 1910 - owned by Mrs. Laidlaw									
1920's & 30's - a succession of Southampton owners									
1947 - As 'Anatole Bienvenido' owned by Panama S.S. Co.									
1969 - finally scrapped as 'Eugenia'									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht: GRETA		SHIP No	354		DELIVERY YEAR
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	John Scott IV, Greenock		ENGINE No	399		1898
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	154.0	22.75	13.5	11.0		292	138	518
RAIL CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts
-	0.47	Clincher & Carvel	Steel		Schooner	L.R.	150	2
DATES	Order Nov 1897		Keel Lay		Launch 21 Apr 1898		Delivery 5 May 1898	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion (4 cylrs.)			
CYLINDER DIAMETERS - 12 20 23 23 INCHES					STROKE 2.17 FT.		PROPULSION MODE Screw	
N.H.P. 100	I.H.P. 500		DESIGN SPEED		12.25 KNOTS		CONDENSER COOLING SURFACE 801 SQ. FT.	
EXPANSION RATIO 10.9	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/17.5		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = - (9" pump)	
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 170 p.s.i. : auxiliary -		
Dimensions D x L 12.75 x 9.0 ft			Total Heating Surface 1473 Sq. Ft.			Total Grate Area 52 1/4 Sq. Ft.		
Steam Space Volume 236 cubic feet			Furnaces: total no 3 : dia 3 ft 2 inches : length 6 ft 0 inches					
Boiler Tubes: Diameter 3 inches : length 6 ft 0 inches			Fuel coal			Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1			RH: Dia 8.42 ft : pitch 9.33 ft : No. of blades 4			built: solid <input checked="" type="checkbox"/> : material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 6 1/2 6 1/2 6 7/8 inches								
Electric Generators: No. - : K.W. each: Voliage -								
TRIAL INFORMATION								
Displacement 360		Tons: Draught 9.0 ft		Cb - 0.426		Speed - 12.2 Knots		
I.H.P. 480		R.P.M. 142		Steam Pressure at Engine 170 p.s.i.		Vacuum 25 inches Hg		
CONTRACT OUTCOME								
Invoice Price £14552					Net Profit 0.			
CAREER								
Initial Trade: Pleasure yacht used by Scott family.								
1910 - owned by Sir W. Agnew								
1911 - " W.S. Bailey, Greenock								
1915 - " Camper & Nicholson								
1920 - " T.B. Rees, Greenock								
June 1920 - no longer a yacht.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SS. CHINKIANG	SHIP No 348	DELIVERY YEAR
Scott & Co Co.	General Cargo	SHIP OWNER	China Navigation Co. London	ENGINE No 393	1898

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		2004	1241	4133	2783
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
129650	0.77	Clincher	Steel		Schooner	-	837	2	
DATES	Order 4 June 1897			Keel Lay		Launch 21 Feb 1898		Delivery 7 May 1898	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor			

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 20 32 52 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P 1100 DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.		
EXPANSION RATIO 11.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.3}$				
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working : main 180 Pressure : auxiliary - p.s.i.		
Dimensions DxL 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.		
Steam Space Volume 886 cubic feet			Furnaces : ^{total} no 6 : dia 3 ft 6 inches : length 7 ft 0 inches				
Boiler Tubes : Diameter ^{o.d} 3 1/2 inches : length 7 ft 0 inches			Fuel coal		Draught : Natural <input checked="" type="checkbox"/> Forced		
Propeller(s) : No. 1 [✓] RH		LH: Dia 14.0 ft : pitch 14.5 ft		No. of blades 4 ^{built} : solid <input checked="" type="checkbox"/>		: material cast iron	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				10 3/4 10 1/4 10 3/4		inches	
Electric Generators : No. - : -				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement 2057 Tons	Draught 9.75 ft	Cb - 0.707	Speed - not taken Knots
I.H.P. 1350 R.P.M. 91	Steam Pressure at Engine 177 p.s.i.	Vacuum 27 1/2 inches Hg	

CONTRACT OUTCOME

Invoice Price £ 27931.	Net Profit £ 528.
CAREER	
Initial Trade: China Coaster.	
September 1930 - Sold to Chinese shipbreakers.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ICHANG		SHIP No	DELIVERY YEAR			
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co Ltd London		ENGINE No 394	1898			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		2002	1240	4133	2783
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
127650	0.77	Clincher	steel	Schooner	-	837	2		
DATES	Order 4 June 1897			Kel Lay	Launch 10 Mar 1898		Delivery 21 May 1898		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor					
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw.		
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.		
EXPANSION RATIO 11.0	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{17.6}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{17.3}$		
No of Boilers: main 2		auxiliary -		TYPE: Cylindrical		Working Pressure: main 180 p.s.i. auxiliary -			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.			Total Grate Area 126 Sq. Ft.			
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches						
Boiler Tubes: Diameter o.d. 3 1/2 inches : length 7 ft 0 inches			Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH			LH: Dia 14.0 ft : pitch 14.5 ft		No. of blades 4		built solid <input checked="" type="checkbox"/> : material cast iron		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 10 3/4 10 1/4 10 3/4 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 1470 Tons		Draught 7.31 ft		Cb - 0.673		Speed - not taken Knots			
I.H.P. 1454 R.P.M. 92		Steam Pressure at Engine 178 p.s.i.		Vacuum 27 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 27948.					Net Profit £ 677.				
CAREER									
Initial Trade: China Coaster									
Upper River Steamer.									
September 1931 - Sold to Chinese shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. KIUKIANG.		SHIP No	350		DELIVERY YEAR
Scott & Co CB.	General Cargo	SHIP OWNER	China Navigation Co. London.		ENGINE No	395		1898
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	275.0	38.0	22.5	18.0		2002	1240	4133
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
129650	077	Clincher	Steel		Schooner		837	2
DATES	Order 4 June 1897		Keel Lay		Launch 7 Apr 1898		Delivery 6 June 1898	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO	11.3	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.6}$			RATIO $\frac{\text{S.W. Cyl. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.3}$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 : auxiliary - p.s.i.			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface		3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.	
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel coal		Natural / Draught: Forced			
Propeller(s): No. 1 RH LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4			built solid		material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 10 3/4 10 1/4 10 3/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1970 Tons: Draught 9.38 ft: Cb - 0.704 : Speed - 12.04 Knots								
I.H.P. 1312 R.P.M. 86 Steam Pressure at Engine 170 p.s.i.: Vacuum 23 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 27932. Net Profit £ 865.								
CAREER								
Initial Trade: China Coaster								
1930 - Sold to Chinese ship breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. KWANGSEI		SHIP No	351		DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. Ltd. London.		ENGINE No	396		1898
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	275.0	38.0	22.5	18.0		2002	1240	4133
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
129650	0.77	Clincher	Steel	Schooner	-	837	2	
DATES	Order 4 June 1897			Kel Lay	Launch 25 Apr 1898		Delivery 1 Jul 1898	
Freight Carried	1st Cl - - - 2nd Cl - - 3rd Cl -			Launch Sponsor -				
MACHINERY								
SUPPLIER - Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 32 52 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw.		
N.H.P. 250	I.H.P. DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.			
EXPANSION RATIO 11.2	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/17.6		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/17.3	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary -			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.		Total Grate Area 126 Sq. Ft.			
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 6 inches			Fuel coal		Draught: Natural / Forced			
Propeller(s): No. 1 ✓ RH LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4			built solid ✓		material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 3/4 10 1/4 10 3/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1995 Tons: Draught 9.49 ft: Cb - 0.705 : Speed - 11.78 Knots								
I.H.P. 1333 R.P.M. 85 Steam Pressure at Engine 171 p.s.i.: Vacuum 26.3 inches Hg								
CONTRACT OUTCOME								
Invoice Price £27932.				Net Profit £947.				
CAREER								
Initial Trade: - China Coaster.								
21 st October 1928 - Wrecked on Ping Rock								
(25.11 N, 119.10 E) on voyage Swatow - Shanghai								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NINGPO.				SHIP No	352		DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London				ENGINE No	397		1898
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	275.0	38.0	22.5	18.0		2002	1240	4133	2783	
BALL CAPACITY GROSS TONS	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
129650	0.77	Clincher	Steel		Schooner	-	837	2		
DATES	Order 4 June 1897			Kel Lay	Launch 7 June 1898			Delivery 25 Jul 1898		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -					
MACHINERY										
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion					
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw			
N.H.P. 250	I.H.P. 1100 DESIGN RPM			DESIGN SPEED 10 KNOTS			CONDENSER COOLING SURFACE 1750 SQ. FT.			
EXPANSION RATIO 11.2	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$					
No of Boilers: main 2 : auxiliary -			TYPE: Cylindrical				Working Pressure: main 180 p.s.i. auxiliary -			
Dimensions D x L 14.5 x 10.25 ft				Total Heating Surface 3362 Sq. Ft.			Total Grate Area 126 Sq. Ft.			
Steam Space Volume 886 cubic feet				Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches						
Boiler Tubes: Diameter 3 $\frac{1}{2}$ inches : length 7 ft 0 inches				Fuel coal			Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 [✓] RH LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4				built solid <input checked="" type="checkbox"/>			material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 10 $\frac{3}{4}$ 10 $\frac{1}{4}$ 10 $\frac{3}{4}$ inches										
Electric Generators: No. - : K.W. each: Voltage -										
TRIAL INFORMATION										
Displacement 1960 Tons: Draught 9.33 ft.: Cb - 0.703 : Speed - 12.28 Knots										
I.H.P. 1619 R.P.M. 93.5 Steam Pressure at Engine 178 p.s.i.: Vacuum 27 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 27949.					Net Profit £ 894.					
CAREER										
Initial Trade: China Coaster										
July 1906 - mined on voyage Shanghai - Japan but made port.										
16 April 1921 - Ashore near Chefoo - refloated 27 May 1921 & taken to Weihaiwei.										
Late 1933 - sold to Chinese shipbreakers.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SHANSI		SHIP No	353		DELIVERY YEAR
Scott & Co CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	398		1898
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	275.0	38.0	22.5	18.0		2002	1240	4133
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYONCED STEEL WEIGHT - TONS	No. of Masts
129650	0.77	Clincher	Steel		Schooner	-	837	2
DATES	Order 4 June 1897		Keel Lay		Launch 21 Jul 1898		Delivery 20 Aug 1898	
Passengers Carried	1st Cl - - - 2nd Cl - - 3rd Cl -				Launch Sponsor - - -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 20 32 52 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 250	I.H.P. 1100		DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO 11.0	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{17.6}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = $\frac{1}{17.3}$	
No of Boilers: main 2	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. auxiliary		
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.			Total Grate Area 126 Sq. Ft.		
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 $\frac{1}{2}$ inches : length 7 ft 0 inches			Fuel: coal			Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 1 [✓] RH			LH: Dia 14.0 ft : pitch 14.5 ft : No. of blades 4			built solid <input checked="" type="checkbox"/> : material cast iron		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 $\frac{3}{4}$ 10 $\frac{1}{4}$ 10 $\frac{3}{4}$ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1950 Tons : Draught 9.3 ft : Cb - 0.702 : Speed - 12.23 Knots								
I.H.P. 1440 R.P.M. 90.6 Steam Pressure at Engine 179.5 p.s.i. : Vacuum 25.75 inches Hg								
CONTRACT OUTCOME								
Invoice Price £27949					Net Profit £814.			
CAREER								
Initial Trade: China Coaster.								
August 1930 - sold to Chinese shipbreakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. IDOMENEUS	SHIP No 355	DELIVERY YEAR
Scott & Co CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.	ENGINE No 400	1899.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Registry	Displacement	Deadweight
	440.75	52.5	33.5	26.83		6763	4299	13465	9015
SALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts		
389091	0.76	Clincher	Steel	Schooner	B.C.	3292	2		
DATES	Order	Jan. 1898	Keel Lay	Launch 15 Dec 1898	Delivery 4 Mar 1899				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Mrs. C.C. Scott.			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion
CYLINDER DIAMETERS	29 50 82 INCHES	STROKE	5.0 FT.
N.H.P. 800	I.H.P. 4200	DESIGN SPEED	13 KNOTS
EXPANSION RATIO	11.1	RATIO	$\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.5}$
No of Boilers: main	2	: auxiliary	-
TYPE:	Cylindrical (D.E.)	Working Pressure:	main 180 p.s.i.
Dimensions D x L	15.5 x 18.64 ft	Total Heating Surface	9846 Sq. Ft.
Steam Space Volume	1750 cubic feet	Furnaces:	total no 12 : dia 3 ft 7 inches : length 7 ft 2 $\frac{5}{8}$ inches
Boiler Tubes:	Diameter 2 $\frac{1}{2}$ inches : length 7 ft 2 $\frac{5}{8}$ inches	Fuel coal	Natural Draught: Forced <input checked="" type="checkbox"/>
Propeller(s):	No. 1 ^{RH} LH: Dia 17.25 ft : pitch 22.0 ft : No. of blades 4	built: solid <input checked="" type="checkbox"/>	: material cast iron.
Shafting:	Crankshaft, intermediate shaft, tailshaft diameters:-	16	15 16 $\frac{3}{4}$ inches
Electric Generators:	No. - : K.W. each: Voltage -		

TRIAL INFORMATION

Displacement	5180 Tons	Draught	11.49 ft	Cb	0.684	Speed	13.44 Knots
I.H.P. 4000	R.P.M. 93	Steam Pressure at Engine	160 p.s.i.	Vacuum	25 $\frac{5}{8}$ inches Hg		

CONTRACT OUTCOME

Invoice Price	£ 71930	Net Profit	- £ 4704.
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CAREER

Initial Trade:

1915 - Torpedoed & beached - off west coast of Scotland.

1922 - Transferred to N.S.M.O.

July 1925 - Sold to become Aurania (Italian)

1933 - Scrapped at Spezia.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CALCHAS		SHIP No	358		DELIVERY YEAR
Scott & Co CD	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	402		1899.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	440.75	52.5	33.5	26.83		6763	4299	13465
SALE CAPACITY GROSS TONS	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
389091	0.76	Clincher	Steel		Schooner	B.C.	3292	2
DATES	Order Jan. 1898		Keel Lay		Launch 8 May 1899		Delivery 27 June 1899	
Passengers Carried	1st Cl - - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 29 50 82 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw	
N.H.P. 800	I.H.P. 4200		DESIGN RPM		DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.	
EXPANSION RATIO 11.02	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.5}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = - (13^{\text{rd}} \text{ pump})$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 180 : auxiliary p.s.i.			
Dimensions D x L 15.5 x 18.64 ft			Total Heating Surface 9846 Sq. Ft.			Total Grate Area 215 Sq. Ft.		
Steam Space Volume 1750 cubic feet			Furnaces: total no 12 : dia 3 ft 7 inches : length 7 ft 2 ⁵ / ₈ inches					
Boiler Tubes: Diameter ^{o.d.} 2 ¹ / ₂ inches : length 7 ft 2 inches			Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s): No. 1 [✓] RH LH: Dia 17.25 ft : pitch 23.0 ft : No. of blades 3			built: solid <input checked="" type="checkbox"/>		material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 16 15 16 ³ / ₄ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 7450		Tons: Draught 15.92 ft.		Cb - 0.714		Speed - 14.02 Knots		
I.H.P. 4000 R.P.M. 77		Steam Pressure at Engine 168 p.s.i.		Vacuum 26 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 82500				Net Profit - £ 3041.				
CAREER								
Initial Trade:								
Sunk by U:80 on 11 th May 1917 off Teavaght Island								
S.W. Ireland.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MACHAON		SHIP No	357		DELIVERY YEAR
Scott & Co. CB	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	401		1899.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	440.75	52.5	33.5	26.83		6763	4299	13465
SALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYONCELO STEEL WEIGHT - TONS	No. of Masts	
389 091	0.76	Clincher	Steel	Schooner	B.C.	3292	2	
DATES	Order 6 Apr 1898		Keel Lay		Launch 5 Jul 1899		Delivery 21 Aug 1899	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs Keay. wife of Capt Keay Ocean S.S. Superintendent			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 29 50 82 INCHES				STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 800	I.H.P. 4200		DESIGN SPEED		13 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.	
EXPANSION RATIO 11.02		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.5}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = - (13'' \text{ pump})$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 180 p.s.i. : auxiliary -			
Dimensions D x L 15.5 x 18.64 ft			Total Heating Surface 9846 Sq. Ft.		Total Grate Area 215 Sq. Ft.			
Steam Space Volume 1750 cubic feet			Furnaces: ^{total} no 12 : dia 3 ft 7 inches : length 7 ft 2 ⁵ / ₈ inches					
Boiler Tubes: Diameter 2 ¹ / ₂ inches : length 7 ft 2 inches			Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s): No. 1 [✓] RH LH: Dia 17.75 ft : pitch 23.0 ft : No. of blades 3			built solid <input checked="" type="checkbox"/>		: material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 16 15 16 ³ / ₄ inches								
Electric Generators: No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement 7290 Tons: Draught 15.5 ft.: Cb - 0.712 : Speed - 14.2 Knots								
I.H.P. 3400 R.P.M. 72 Steam Pressure at Engine 175 p.s.i.: Vacuum 26 ¹ / ₂ inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 82.680					Net Profit - £ 4764.			
CAREER								
Initial Trade:								
27 th February, 1948 - Sunk by UC-27 off Cani Rocks, Tunisia								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Yacht LUTRA		SHIP No	364		DELIVERY YEAR	1899	
Scott & Co CD.	Pleasure Yacht.	SHIP OWNER	J. Wingfield, Baxon Malcolm, Poltalloch.		ENGINE No	408				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	140.0	21.0	13.0	10.63		221	120	440	-	
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of Masts		
-	0.49	Clincher	Steel		Schooner	L.R.	122	2		
DATES	Order		Keel Lay		Launch 10 Aug 1899		Delivery 30 Aug 1899			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor					
MACHINERY										
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 12 19 1/2 31 INCHES					STROKE - 2.17 FT.		PROPULSION MODE Screw.			
N.H.P. 75	I.H.P. 440 DESIGN RPM		DESIGN SPEED		11 1/2 KNOTS		CONDENSER COOLING SURFACE 750 SQ. FT.			
EXPANSION RATIO 10.6	RATIO		Air Pump Capacity LP. Cylinder Volume = 1		15.8		S.W. Circ. Pump Capacity LP. Cylinder Volume = - (6" pump)			
No of Boilers: main 1	: auxiliary -		TYPE: Cylindrical			Working : main 170 Pressure : auxiliary p.s.i.				
Dimensions D x L 12.75 x 9.0 ft			Total Heating Surface		1473 Sq. Ft.		Total Grate Area 52.3 Sq. Ft.			
Steam Space Volume 236 cubic feet			Furnaces: total no 3 : dia 3 ft 2 inches : length 6 ft 0 inches							
Boiler Tubes : Diameter 3 inches : length 6 ft 0 inches			Fuel coal		Natural <input checked="" type="checkbox"/> Draught : Forced					
Propeller(s) : No. 1			RH LH: Dia 8.5 ft : pitch 9.33 ft		No. of blades 4		built : solid : material			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 6 3/8 6 1/8 6 3/4 inches										
Electric Generators : No. - : K.W. each : Voltage -										
TRIAL INFORMATION										
Displacement 348		Tons : Draught 9.63 ft		Cb - 0.454		Speed - 11.65 Knots				
I.H.P. 477		R.P.M. 139		Steam Pressure at Engine 167 p.s.i.		Vacuum 25 3/8 inches Hg				
CONTRACT OUTCOME										
Invoice Price £ 15169.					Net Profit £ 637					
CAREER										
Initial Trade : Pleasure Yachting.										
Pre World War I (1910-1915) - renamed FORSTECK										
and owned by Diederichsen - Kiel, Germany.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ALCINOUS.				SHIP No	DELIVERY YEAR	
Scott & Co CB	Cargo Lineer	SHIP OWNER	Ocean Steamship Co. Liverpool.				ENGINE No 403	1900	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	440.75	52.5	33.5	26.83		6743	4278	13465	9015
SALE CAPACITY under Deck	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
389,091	0.76	Clincher	Steel.		Schooner	B.C.	3292	2	
DATES	Order 6 Apr. 1898			Keel Lay	Launch 7 Dec 1899.		Delivery 17 Feb. 1900		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 29 50 82 INCHES					STROKE 5.0 FT.	PROPULSION MODE Screw			
N.H.P. 800	I.H.P. 4200 DESIGN RPM			DESIGN SPEED	13 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.		
EXPANSION RATIO 11.09	RATIO		Air Pump Capacity LP. Cylinder Volume = $\frac{1}{17.5}$		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = - (13" pump)		
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working : main 180 Pressure : auxiliary p.s.i.				
Dimensions D x L 15.5 x 18.64 ft				Total Heating Surface 9846 Sq. Ft.		Total Grate Area 215 Sq. Ft.			
Steam Space Volume 1750 cubic feet				Furnaces: ^{total} no 12 : dia 3 ft 7 inches : length 7 ft 2 ⁵ / ₈ inches					
Boiler Tubes : Diameter 2 ¹ / ₂ inches : length 7 ft 2 inches				Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s) : No. 1 [✓] RH		LH: Dia 17.75 ft : pitch 23.0 ft		No. of blades 4		built solid <input checked="" type="checkbox"/>		material cast iron	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				16 15 16 ³ / ₄		inches			
Electric Generators : No. - : -				K.W. each : Voltage -					
TRIAL INFORMATION									
Displacement 8350		Tons : Draught 17.5 ft		Cb - 0.722		Speed - ^{not} taken Knots			
I.H.P. 4075		R.P.M. 92		Steam Pressure at Engine 175 p.s.i.		Vacuum 27 inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 82648				Net Profit - £ 5988					
CAREER									
Initial Trade :									
March 1918 - Torpedoed in the English Channel - made port.									
Sept 1925 - Sold & became Carmania (Italian)									
1928 - Renamed Silvanica									
1932 - Scrapped at Genoa.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AGAMEMNON.		SHIP No	360		DELIVERY YEAR
Scott & Co CB.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	404		1900
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	440.75	52.5	35.0	28.04		7011	4462	14255
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
413417	0.77	Clincher	Steel	Schooner	B.C.	3494	2	
DATES	Order 3 Aug. 1898			Keel Lay	Launch 23 Jan 1900		Delivery 13 Mar 1900	
Passengers Carried	1st Cl. - 2nd Cl. - 3rd Cl. -			Launch Sponsor Mrs. George Holt.				
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 29 49 82 INCHES				STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 800	I.H.P. 4200		DESIGN SPEED		13 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.	
EXPANSION RATIO 11.16	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = - (15 \text{ pump})$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 180 : auxiliary - p.s.i.			
Dimensions D x L 16.0 x 19.0 ft		Total Heating Surface 10472 Sq. Ft.		Total Grate Area 244 Sq. Ft.				
Steam Space Volume 1812 cubic feet		Furnaces: total no 12 : dia 3 ft 8 1/2 inches : length 7 ft 2 1/8 inches						
Boiler Tubes: Diameter 2 3/4 inches : length 7 ft 2 1/8 inches		Fuel coal		Draught: Natural / Forced				
Propeller(s): No. 1		RH: Dia 18.0 ft : pitch 23.5 ft		No. of blades 3		built solid		material cast iron
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 16 15 16 3/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 8100 Tons		Draught 16.75 ft		Cb - 0.732		Speed - 13.83 Knots		
I.H.P. 3439		R.P.M. 71.75		Steam Pressure at Engine 176 p.s.i.		Vacuum 27 inches Hg		
CONTRACT OUTCOME								
Invoice Price £86586		Net Profit - £4639						
CAREER								
Initial Trade:								
1927 - December - Sold to become Imperio (Italian)								
1932 - Scrapped at Genoa.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Yacht WAIHI	SHIP No 366	DELIVERY YEAR
Scott & Co CD.	Pleasure Yacht	SHIP OWNER	Mrs. J.W. Robertson or Bullough. Ledaig, Oban.	ENGINE No 410	1900

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	82.0	14.5	10.0	8.17		65	29	134	—
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STRIP WEIGHT - TONS	No. of Masts	
—	0.482	Clincher Carvel.	Steel		Schooner	—	36	2	
DATES	Order Dec 1899			Keel Lay	Launch 8 May 1900		Delivery 28 May 1900		
Passengers Carried	1st Cl	—	2nd Cl	—	3rd Cl	—	Launch Sponsor	—	

MACHINERY

SUPPLIER Greenock Foundry Co				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 7 11 18 INCHES				STROKE 1.5 FT.		PROPULSION MODE Screw	
N.H.P. 30	I.H.P 130 DESIGN RPM		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 210 SQ. FT.		
EXPANSION RATIO 8.97	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -			
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical			Working Pressure : main 170 auxiliary p.s.i.		
Dimensions D x L 8.0 x 7.33 ft			Total Heating Surface 477 Sq. Ft.		Total Grate Area 16.5 Sq. Ft.		
Steam Space Volume 80 cubic feet			Furnaces : ^{total} no 1 : dia 3 ft 6 inches : length 5 ft 0 inches				
Boiler Tubes : Diameter ^{D. d.} 2 $\frac{1}{2}$ inches : length 5 ft 0 inches					Fuel coal	Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 ^{RH} LH: Dia 6.17 ft : pitch 7.5 ft : No. of blades 4					built solid <input checked="" type="checkbox"/>	: material	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 4 $\frac{1}{8}$ 4 4 $\frac{1}{4}$					inches		
Electric Generators : No. - : -					K.W. each : Voltage -		

TRIAL INFORMATION

Displacement	102.5 Tons : Draught 7.25 ft : C _b — 0.442 : Speed — 10.33 Knots								
I.H.P. 130	R.P.M. 147	Steam Pressure at Engine 167 p.s.i. :			Vacuum 27.4 inches Hg				

CONTRACT OUTCOME

Invoice Price £ 4624	Net Profit — £ 165
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CAREER

Initial Trade: Pleasure Yachting.

Remained with original owner until broken up in 1931.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AJAX		SHIP No	361	DELIVERY YEAR	
Scott & Co CB	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	405	1900	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	440.75	52.5	35.0	28.04		7011	4462	14255
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of Masts
413,417	0.77	Clincher	Steel		Schooner	B.C.	3494	2
DATES	Order 3 Aug. 1898		Keel Lay	Launch 23 Jan 1900		Delivery 13 Mar 1900		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. R.D. Holt.				
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 29 49 82 INCHES				STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 800	I.H.P. 4200		DESIGN SPEED		CONDENSER COOLING SURFACE 5800 SQ. FT.			
EXPANSION RATIO 10.9		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{19}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = - (15 \text{ pump})$				
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 180 : auxiliary p.s.i.			
Dimensions D x L 16.0 x 19.0 ft		Total Heating Surface 10472 Sq. Ft.		Total Grate Area 244 Sq. Ft.				
Steam Space Volume 1812 cubic feet		Furnaces: total no 12 : dia 3 ft 8 1/2 inches : length 7 ft 2 1/8 inches						
Boiler Tubes: Diameter 2 3/4 inches : length 7 ft 2 1/8 inches		Fuel coal		Draught: Natural Forced <input checked="" type="checkbox"/>				
Propeller(s): No. 1 ^{RH} LH: Dia 18.0 ft : pitch 22.5 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		material bronze				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 16 15 16 3/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement - Tons		Draught ft		Cb -		Speed = 11.75 Knots		
I.H.P. 3568		R.P.M. 83.9		Steam Pressure at Engine 160 p.s.i.		Vacuum 28 1/8 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 86,631				Net Profit - £ 6792				
CAREER								
Initial Trade:								
October 1915 - rescued by a destroyer when under gunfire in the Mediterranean.								
Jan. 1930 - sold to the Japanese & scrapped.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ACHILLES	SHIP No 362	DELIVERY YEAR
Scott & Co. CD.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.	ENGINE No 406	1900

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	440.75	52.5	35.0	28.04		7043	4484	14255	9595
SALA CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYOICED STEEL WEIGHT - TONS	No. of Masts		
413417	0.77	Clincher	Steel	Schooner	B.C.	3494	2		
DATES	Order 3 Aug. 1898			Keel Lay		Launch 28 June 1900	Delivery 19 Sept. 1900		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				

MACHINERY

SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 29 49 82 INCHES				STROKE 5.0 FT.		PROPULSION MODE Screw	
N.H.P. 800	I.H.P. 4200 DESIGN RPM		DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE 5800 SQ. FT.		
EXPANSION RATIO 10.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{19}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = - (15'' \text{ pump})$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)		Working Pressure: main 180 p.s.i. auxiliary -			
Dimensions D x L 16.0 x 19.0 ft			Total Heating Surface 10472 Sq. Ft.		Total Grate Area 244 Sq. Ft.		
Steam Space Volume 1812 cubic feet			Furnaces: ^{total} no 12 : dia 3 ft 8 $\frac{1}{2}$ inches : length 7 ft 2 $\frac{1}{8}$ inches				
Boiler Tubes: Diameter ^{o-d.} 2 $\frac{3}{4}$ inches : length 7 ft 2 $\frac{1}{8}$ inches			Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 1 ^{RH} LH: Dia 18.0 ft: pitch 22.5 ft: No. of blades 4		built solid <input checked="" type="checkbox"/>		: material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 16 15 16 $\frac{3}{4}$ inches							
Electric Generators: No. - : - K.W. each: Voltage -							

TRIAL INFORMATION

Displacement	7860		Tons: Draught	16.27		ft.: C _b - 0.731	: Speed - 14.06	Knots
I.H.P.	3575		R.P.M.	74.5		Steam Pressure at Engine	180 p.s.i.:	Vacuum 26 $\frac{1}{2}$ inches Hg

CONTRACT OUTCOME

Invoice Price	£ 86,613			Net Profit	- £ 4,164				
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CAREER

Initial Trade:

April 1915 - Trooping between Alexandria & the Dardanelles.

13th March 1916 - Sunk by U 44 off Ushant - 5 lost.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.Yacht MARGARITA		SHIP No	365	DELIVERY YEAR	
Scott & Co CB	Pleasure Yacht	SHIP OWNER	A.J. Drezel, Philadelphia		ENGINE No	409	1900	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	272.0	36.5	28.0	15.67		1781	722	2522
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.57	Clincher & Carvel.	Steel	Schooner	L.R.	984	2	
DATES	Order Dec 1898		Keel Lay	Launch 30 Apr 1900		Delivery 13 Nov 1900		
Passengers Carried	1st Cl -		2nd Cl -	3rd Cl -		Launch Sponsor Mvs. Drezel		
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion (4 cylrs)				
CYLINDER DIAMETERS - 22 36 40 40 INCHES				STROKE 2.25 FT.		PROPULSION MODE Twin Screw.		
N.H.P. 1000	I.H.P. 5000		DESIGN SPEED		17 KNOTS		CONDENSER COOLING SURFACE 6000 SQ. FT.	
EXPANSION RATIO	8.92	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/19.75		S.W. Circ. Pump Capacity L.P. Cylinder Volume = - (11.4 pump)		
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical (D.E.)		Working Pressure: main auxiliary p.s.i.		
Dimensions D x L 14.47 x 22.0 ft				Total Heating Surface 10040 Sq. Ft.		Total Grate Area 253 Sq. Ft.		
Steam Space Volume 1646 cubic feet				Furnaces: total no 12 : dia 3 ft 8 inches : length 8 ft 0 inches				
Boiler Tubes: Diameter 2 1/2 inches : length 8 ft 0 13/16 inches				Fuel: coal		Draught: Natural Forced ✓		
Propeller(s): No. 2 ✓ RH LH: Dia 11.0 ft : pitch 13.125 ft : No. of blades 3				built: solid ✓		: material		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10 1/2 10 1/4 11 inches								
Electric Generators: No. — : — K.W. each : Voltage —								
TRIAL INFORMATION								
Displacement 2380		Tons: Draught 14.92 ft		Cb - 0.562		Speed - 17.1 Knots		
I.H.P. 5211		R.P.M. 153		Steam Pressure at Engine 192 p.s.i.		Vacuum 27 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 95380				Net Profit - £ 2599.				
CAREER								
Initial Trade:								
In 1914 she was owned by the Marquess of Anglesey								
renamed 'Semiramis'.								
In 1915 owned by Princess Schahovsky - Gleboff (Russia) as 'Mlada'.								
After Russian Revolution taken over by British Admiralty as HMS. Alacrity.								
In the mid 1930's moved in Poole Harbour as an adjunct to certain London Clubs.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DEUCALION		SHIP No	363		DELIVERY YEAR
Scott & Co CD	Cargo liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	407		1900
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	440.75	52.5	35.0	28.04		7030	4476	14255
BALE CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
413417	0.77	Clincher	Steel		Schooner	B.C.	3494	2
DATES	Order 3 Aug. 1898			Keel Lay	Launch 12 Oct 1900		Delivery 29 Nov 1900	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 29 49 82 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw	
N.H.P. 800	I.H.P. 4200		DESIGN SPEED		12.5 KNOTS			
CONDENSER COOLING SURFACE 5800 SQ. FT.								
EXPANSION RATIO 10.0	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/19		S.W. Circ. Pump Capacity L.P. Cylinder Volume = - (15" pump)			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical (D.E.)			Working Pressure: main 180 : auxiliary p.s.i.			
Dimensions D x L 16.0 x 19.0 ft		Total Heating Surface 10472 Sq. Ft.		Total Grate Area 244 Sq. Ft.				
Steam Space Volume 1812 cubic feet		Furnaces: total no 12 : dia 3 ft 8 1/2 inches : length 7 ft. 2 inches						
Boiler Tubes: Diameter 2 3/4 inches : length 7 ft 2 inches		Fuel Coal		Draught: Natural Forced ✓				
Propeller(s): No. 1 ✓ RH LH: Dia 18.0 ft : pitch 23.0 ft : No. of blades 4		built solid ✓		: material bronze				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		16 15 16 3/4 inches						
Electric Generators: No. - : -		K.W. each: Voltage -						
TRIAL INFORMATION								
Displacement - Tons		Draught - ft.		Cb -		Speed - 13.74 Knots		
I.H.P. 3651 R.P.M. 72		Steam Pressure at Engine 172 p.s.i.		Vacuum 26 1/8 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 86581		Net Profit - £ 4061.						
CAREER								
Initial Trade:								
January 1930 - sold to become Aquitania (Italian)								
1933 - Scrapped at Genoa.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S. Yacht SAEVUNA		SHIP No	367		DELIVERY YEAR
Scott & Co. CB.	Pleasure Yacht	SHIP OWNER	Maurice B. Byles, Barrister, London		ENGINE No	411		1901
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	76.33	14.5	9.25	7.5		62	30	124
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts
-	0.523	Clincher & Carvel	Steel		Schooner	B.C.	39	2
DATES	Order 5 Oct. 1900		Keel Lay		Launch 17 Apr 1901		Delivery 30 Apr 1901	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Compound Expansion			
CYLINDER DIAMETERS - 9 20 INCHES					STROKE 1.17 FT.	PROPULSION MODE Screw		
N.H.P. 18	I.H.P. 100		DESIGN SPEED		9 KNOTS		CONDENSER COOLING SURFACE 165 SQ. FT.	
EXPANSION RATIO 7.8	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.2}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.9}$					
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 140 p.s.i. : auxiliary -			
Dimensions D x L 8.0 x 7.0 ft		Total Heating Surface 376 Sq. Ft.		Total Grate Area 13.25 Sq. Ft.				
Steam Space Volume - cubic feet		Furnaces: total no 1 : dia 3 ft 3 inches : length 4 ft 6 inches						
Boiler Tubes: Diameter 3 inches : length 4 ft 6 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1 ^{RH} LH: Dia 5.25 ft : pitch 6.5 ft : No. of blades 3		built solid <input checked="" type="checkbox"/>		: material cast iron				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 4 1/8 4 4 3/8 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 95 Tons		Draught 6.68 ft		Cb - 0.45		Speed - 8.76 Knots		
I.H.P. 79		R.P.M. 165		Steam Pressure at Engine 128 p.s.i.		Vacuum 21 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 5119				Net Profit £ 524.				
CAREER								
Initial Trade:								
Sold by M.B. Byles - 1915								
1920-31. - owned by S. Dowding, Southampton.								
1934-38 - H.H. Fyfe, Greenock								
1939 - broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DEER PARK		SHIP No	368	DELIVERY YEAR		
Scott & Co CB	General Cargo	SHIP OWNER	Deerpark Steamship Co. Greenock		ENGINE No	412	1901		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	215.0	31.33	15.25	12.25		928	549	1778	1023
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
56785	0.754	Clincher	Steel		Schooner	B.C.	515	2	
DATES	Order 31 Oct. 1900		Keel Lay		Launch 7 May 1901		Delivery 4-6-1901		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. J. S. Nicol.				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 16 26 44 INCHES					STROKE 2.75 FT.		PROPULSION MODE Screw		
N.H.P. 99	I.H.P. 680		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1100 SQ. FT.		
EXPANSION RATIO 12.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = 17.7$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = 20$					
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 160 : auxiliary - p.s.i.			
Dimensions D x L 14.5 x 10.5 ft		Total Heating Surface 1702 Sq. Ft.		Total Grate Area 58 Sq. Ft.					
Steam Space Volume 434 cubic feet		Furnaces: ^{total} no 3 : dia 3 ft 6 inches : length 7 ft 3 inches							
Boiler Tubes: Diameter ^{o.d.} 3 1/2 inches : length 7 ft 3 inches		Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced					
Propeller(s): No. 1 ^{✓ RH}		LH: Dia 11.75 ft : pitch 15.0 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		material cast iron.			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/2 8 10 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 995 Tons : Draught 7.93 ft : Cb - 0.704 : Speed - 9.9 Knots									
I.H.P. 617 R.P.M. 84.5 Steam Pressure at Engine 163 p.s.i. : Vacuum 26 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 16000.					Net Profit £ 45.				
CAREER									
Initial Trade:									
1910 - Ran aground - Villa Real, Spain									
1912 - Laid up at Greenock during miner's strike.									
1913 - Stranded in Kyle Rhea - became total loss.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GARVEL PARK		SHIP No	369	DELIVERY YEAR	
Scott & Co CB	General Cargo	SHIP OWNER	Garvel Park Steamship Co. Greenock		ENGINE No	413	1901	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	215.0	31.33	15.25	12.25		927	549	1778
SALE CAPACITY Gross Tons	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts	
56785	0.754	Clincher	Steel	Schooner	B.C.	515	2	
DATES	Order 31 Oct. 1900		Kel Lay	Launch 7 June 1901		Delivery 27 June 1901		
Passengers Carried	1st Cl - - - 2nd Cl - - 3rd Cl -		Launch Sponsor		Miss Miller, Greenock			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 16 26 44 INCHES				STROKE 2.75 FT.		PROPULSION MODE Screw		
N.H.P. 99	I.H.P. 680 DESIGN RPM		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1100 SQ. FT.	
EXPANSION RATIO 12.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.7}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{20}$					
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical			Working : main 160 Pressure : auxiliary - p.s.i.			
Dimensions D x L: 14.5 x 10.5 ft		Total Heating Surface		1702 Sq. Ft.		Total Grate Area 58 Sq. Ft.		
Steam Space Volume 434 cubic feet		Furnaces: ^{total} no 3 : dia 3 ft 6 inches : length 7 ft 3 inches						
Boiler Tubes: Diameter ^{o.d.} 3 1/2 inches : length 7 ft 3 inches		Fuel Coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1 ^{VRH} LH: Dia 11.75 ft : pitch 15.0 ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material cast iron				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 1/2 8 10 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 980 Tons		Draught 7.81 ft		Cb - 0.703		Speed - 10.4 Knots		
I.H.P. 585 RPM. 81.5		Steam Pressure at Engine 163 p.s.i.		Vacuum 27.6 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 16,800				Net Profit £ 279				
CAREER								
Initial Trade:								
Seized at outbreak of World War-I								
Returned to U.K - January 1919.								
Sold by North of England P & I Assocn.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHANGCHOW				SHIP No 370	DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London				ENGINE No 416	1901	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		1948	1203	4128	2770
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DISPOSED STEEL WEIGHT - TONS	No. of Masts	
129585	0.768	Clincher	Steel		Schooner	B.o.T.	835	2	
DATES	Order Dec. 1900			Keel Lay	Launch 5 June 1901		Delivery 2 Jul 1901		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 19 31 53 INCHES					STROKE 3.25 FT.	PROPULSION MODE Screw			
N.H.P. 250	I.H.P. 1100 DESIGN RPM			DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.			
EXPANSION RATIO 12.66	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.3}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.9}$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working : main 190 Pressure : auxiliary 4 p.s.i.			
Dimensions D x L 14.5 x 10.25 ft				Total Heating Surface 3362 Sq. Ft.		Total Grate Area 110 Sq. Ft.			
Steam Space Volume 886 cubic feet				Furnaces: ^{total} no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter ^{o.d.} 3½ inches : length 7 ft 0 inches				Fuel coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 1 ^{RH} LH: Dia 14.0 ft : pitch 16.0 ft : No. of blades 4				built : solid <input checked="" type="checkbox"/>		: material Cast Iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				10 ³ / ₄ 10 ¹ / ₄ 10 ³ / ₄ inches					
Electric Generators: No. - : -				K.W. each: Voltage -					
TRIAL INFORMATION									
Displacement 1673 Tons: Draught 8.15 ft: Cb - 0.689: Speed - 12.2 Knots									
I.H.P. 1504: R.P.M. 100. Steam Pressure at Engine 180 p.s.i.: Vacuum 26 ¹ / ₄ inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 37862.				Net Profit £ 6533.					
CAREER									
Initial Trade: China Coaster.									
1933 - sold to Chinese Shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HANYANG			SHIP No 371	DELIVERY YEAR	
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London			ENGINE No 417	1901	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	275.0	38.0	22.5	18.0		1956	1207	4128
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of Masts
129585	0-768	Clincher	Steel		Schooner	B.o.T.	835	2
DATES	Order Dec 1900		Keel Lay		Launch 2 Aug 1901		Delivery 28 Aug 1901	
Passengers Carried	1st Cl - - 2nd Cl - - 3rd Cl - -				Launch Sponsor Mrs. Parsons.			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 19 31 53 INCHES					STROKE 3.25 FT.	PROPULSION MODE Screw		
N.H.P. 250	I.H.P. 1100 DESIGN RPM		DESIGN SPEED		11 KNOTS	CONDENSER COOLING SURFACE 1750 SQ. FT.		
EXPANSION RATIO 12.67	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.3}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.9}$					
No of Boilers: main		: auxiliary -		TYPE: Cylindrical		Working : main 190 Pressure : auxiliary p.s.i.		
Dimensions D x L		14.5 x 10.25 ft		Total Heating Surface		3362 Sq. Ft.		Total Grate Area 110 Sq. Ft.
Steam Space Volume		886 cubic feet		Furnaces: total no 6		: dia 3 ft 6 inches : length 7 ft 0 inches		
Boiler Tubes : Diameter		3 1/2 inches : length 7 ft 0 inches		Fuel : Coal		Draught : Natural / Forced		
Propeller(s) : No. 1		✓ RH LH: Dia 14.0 ft : pitch 16.0 ft : No. of blades 4		built : solid ✓		: material : cast iron		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10 3/4 10 1/4 10 3/4 inches								
Electric Generators : No. - : K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement 2026 Tons : Draught 9.58 ft : Cb - 0.706 : Speed - 12.02 Knots								
I.H.P. 1425 R.P.M. 84 Steam Pressure at Engine 167.5 p.s.i. : Vacuum 25 7/8 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 37877					Net Profit £ 7355.			
CAREER								
Initial Trade : China Coaster.								
January 1933 - Sold to Chinese Shipbreakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. :SHAHSING				SHIP No	DELIVERY YEAR	
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London.				ENGINE No 420	1901	
TECHNICAL INFORMATION									
DIMENSIONS - FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
277	290.0	40.0	21.5	17.17		2123	1307	4380	2898
SALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DISPOSED STEEL WEIGHT - TONS	No. of Masts
135990	0.769	Clincher		Steel		Schooner	B.o.T.	945	2
DATES	Order Dec 1900			Keel Lay		Launch 20 Aug. 1901		Delivery 18 Sept 1901	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor			
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 13½ 22 36½ INCHES					STROKE 2.5 FT.		PROPULSION MODE Twin Screw.		
N.H.P. 280	I.H.P. 1500 DESIGN RPM			DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 1900 SQ. FT.			
EXPANSION RATIO 11.25	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.5}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.3}$					
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical			Working Pressure : main 180 : auxiliary - p.s.i.		
Dimensions DxL 14.75 x 10.5 ft				Total Heating Surface 3750 Sq. Ft.		Total Grate Area 120 Sq. Ft.			
Steam Space Volume 876 cubic feet				Furnaces: ^{total} no 6 : dia 3 ft 6 inches : length 7 ft 2 inches					
Boiler Tubes : Diameter ^{o.d.} 3½ inches : length 7 ft 2 inches				Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s) : No. 2 ^{✓ RH} LH: Dia 10.25 ft : pitch 10.25 ft : No. of blades 4				built : solid <input checked="" type="checkbox"/>		: material cast iron			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				7½ 7½ 8½		inches			
Electric Generators : No. - : -				K.W. each : Voltage -					
TRIAL INFORMATION									
Displacement 2055 Tons : Draught 8.8 ft : Cb - 0.704 : Speed - 12.52 Knots									
I.H.P. 1584 : R.P.M. 129 : Steam Pressure at Engine 186 p.s.i. : Vacuum 24¾ inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 42136.				Net Profit £ 7017.					
CAREER									
Initial Trade: China Coaster									
July 1917 - Wrecked on Ariadne Rocks									
on voyage Swatow/Weihaiwei.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HUPEH			SHIP No	372	DELIVERY YEAR	
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. - London.			ENGINE No	418	1901	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	275.0	38.0	22.5	18.0		1951	1205	4128	2770
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
129585	0.768	Clincher	Steel		Schooner	B.O.T.	835	2	
DATES	Order Dec. 1900			Keel Lay	Launch 13 Sept 1901		Delivery 8 Oct 1901		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 19 31 53 INCHES					STROKE 3.25 FT.	PROPULSION MODE Screw			
N.H.P. 250	I.H.P. 1100 DESIGN RPM			DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.			
EXPANSION RATIO 12.82	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.3}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.9}$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 190 p.s.i. : auxiliary -			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface 3362 Sq. Ft.		Total Grate Area 110 Sq. Ft.				
Steam Space Volume 886 cubic feet			Furnaces: total 6 : dia 3 ft 6 inches : length 7 ft 0 inches						
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1		RH: Dia 14.0 ft : pitch 16.0 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-						10 3/4 10 1/4 10 3/4 inches			
Electric Generators: No. - : - : -						K.W. each: Voltage -			
TRIAL INFORMATION									
Displacement 2011 Tons		Draught 9.52 ft		Cb - 0.705		Speed - 12.13 Knots			
I.H.P. 1269 R.P.M. 81.5		Steam Pressure at Engine 182 p.s.i.		Vacuum 25 3/8 inches Hg					
CONTRACT OUTCOME									
Invoice Price £378				Net Profit £7364					
CAREER									
Initial Trade: China Coaster.									
June 1931 - sold to San Peh S.N.Co. - Shanghai & renamed Sungpu - used on Shanghai / Hankow trade.									
August 1937 - Sunk as blockship in Yangtse.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. YOCHOW.		SHIP No	DELIVERY YEAR	
Scott & Co. CB	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	1901	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	290.0	40.0	21.5	17.17		2127	1306
						Displacement	Deadweight
						4380	2898
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	EMPTY WEIGHT - TONS	No. of Masts
135990	0.769	Clincher	Steel	Schooner	B.O.T.	945	2
DATES	Order Dec. 1900		Keel Lay		Launch 15 Oct 1901		Delivery 5 Nov. 1901
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. J.H. Scott.		
MACHINERY							
SUPPLIER Greenock Foundry Co				TYPE Steam Triple Expansion :			
CYLINDER DIAMETERS - 13½ 22 36½ INCHES				STROKE 2.5 FT.		PROPULSION MODE Twin Screw	
N.H.P. 280	I.H.P. 1500		DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 1900 SQ. FT.		
EXPANSION RATIO 11.25	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 190 p.s.i. : auxiliary -		
Dimensions D x L 14.75 x 10.5 ft		Total Heating Surface 3750 Sq. Ft.		Total Grate Area 120 Sq. Ft.			
Steam Space Volume 876 cubic feet		Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 2 inches					
Boiler Tubes: Diameter 3½ inches : length 7 ft 2 inches		Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2 [✓] RH [✓] LH: Dia 9.67 ft: pitch 9.67 ft: No. of blades 4		built: solid <input checked="" type="checkbox"/>		: material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 7½ 7½ 8½ inches							
Electric Generators: No. - : K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement 2086 Tons: Draught 8.92 ft: Cb - 0.706 : Speed - 12.2 Knots							
I.H.P. 1361 RPM. 130 Steam Pressure at Engine 166 p.s.i.: Vacuum 25½ inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 42142				Net Profit £ 7674.			
CAREER							
Initial Trade: China Coaster.							
20 th March 1918 - Torpedoed by U 33 54 miles							
N.E. of Port Said. 50 dead.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. YUNNAN		SHIP No	373		DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	419		1901
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	275.0	38.0	22.5	18.0		1953	1206	4128
BALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
129585	0.768	Clincher	Steel		Schooner	B.o.T.	835	2
DATES	Order Dec. 1900		Keel Lay		Launch 31 Oct 1901		Delivery 13 Dec 1901	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 19 31 53 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw.	
N.H.P. 250	I.H.P. 1100		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1750 SQ. FT.	
EXPANSION RATIO	12.5	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = 18.3$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = 17.9$				
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 190 : auxiliary - p.s.i.			
Dimensions D x L 14.5 x 10.25 ft			Total Heating Surface		3362 Sq. Ft.		Total Grate Area 110 Sq. Ft.	
Steam Space Volume 886 cubic feet			Furnaces: total no 6 : dia 3 ft 6 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 0 inches			Fuel: coal		Draught: Natural / Forced			
Propeller(s): No. 1			RH: Dia 14.0 ft : pitch 16.0 ft : No. of blades 4		built solid		material cast iron	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-			10 3/4 10 1/4 10 3/4 inches					
Electric Generators: No. -			K.W. each: Voltage -					
TRIAL INFORMATION								
Displacement 2036		Tons: Draught 9.63 ft.		Cb - 0.706		Speed - 11.9 Knots		
I.H.P. 1232 R.P.M.		Steam Pressure at Engine 190 p.s.i.		Vacuum 25 1/2 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 37883				Net Profit £ 7259				
CAREER								
Initial Trade: China Coaster.								
June 1930 - sold to Osaka Kaiji for breaking up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KISH	SHIP No	DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	Clyde Shipping Co. Glasgow	378	1902
				ENGINE No	
				428	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	410.0	50.0	31.5	25.25		4928	3148	11493	7833

SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
368980	0.77	Clincher	Steel	Schooner	B.C.	2624	2

DATES	Order Aug 1901	Keel Lay	Launch 9 Jun 1902	Delivery 13 Aug 1902
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Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. Cuthbert
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MACHINERY

SUPPLIER Greenock Foundry Co.	TYPE Steam Triple Expansion
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CYLINDER DIAMETERS - 27 42 69 INCHES	STROKE 4.5 FT.	PROPULSION MODE Screw
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N.H.P. 350	I.H.P. 2000	DESIGN SPEED	CONDENSER COOLING SURFACE 3000 SQ. FT.
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EXPANSION RATIO 10.29	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.6}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{21.2}$
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No of Boilers: main 2 : auxiliary -	TYPE: Cylindrical	Working Pressure: main 165 p.s.i. : auxiliary -
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Dimensions D x L 16.25 x 12.67 ft	Total Heating Surface 5330 Sq. Ft.	Total Grate Area 124 Sq. Ft.
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Steam Space Volume 1165 cubic feet	Furnaces: total no 6 : dia 3 ft 10 inches : length 7 ft 11 inches
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Boiler Tubes: Diameter 2 1/2 inches : length 7 ft 11 inches	Fuel Coal	Draught: Natural Forced <input checked="" type="checkbox"/>
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Propeller(s): No. 1 [✓] RH LH: Dia 17.5 ft : pitch 18.5 ft : No. of blades 4 ^{built ✓} : solid : material ^{cast} steel

Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	14 13 3/4 15 1/2 inches
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Electric Generators: No. - : K.W. each: Voltage -

TRIAL INFORMATION

Displacement 5285 Tons: Draught 12.75 ft: Cb - 0.708 : Speed - 12.4 Knots

I.H.P. 2360 R.P.M. 73.1 Steam Pressure at Engine 170 p.s.i.: Vacuum 26 1/4 inches Hg
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CONTRACT OUTCOME

Invoice Price £66856	Net Profit £5357
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CAREER

Initial Trade:

Torpedoed and sunk by U 67 off Skerries - 17th April 1917.
6 killed.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KALIBIA.		SHIP No	379	DELIVERY YEAR	1902
Scott & Co. CB	General Cargo	SHIP OWNER	Clyde Shipping Co. Glasgow.		ENGINE No	429		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	410.0	50.0	31.5	25.25		4930	3149	11493
BALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
368980	0.77	Clincher	Steel		Schooner	B.C.	2624	2
DATES	Order Aug 1901		Keel Lay		Launch 14 Nov 1902		Delivery 31 Dec 1902	
Passengers Carried	1st Cl. - 2nd Cl. - 3rd Cl. -				Launch Sponsor Mrs. Kidston.			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 27 42 69 INCHES					STROKE 4.5 FT.	PROPULSION MODE Screw.		
N.H.P. 350	I.H.P. 2000		DESIGN SPEED		KNOTS	CONDENSER COOLING SURFACE 3000 SQ. FT.		
EXPANSION RATIO 10.08	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/14.6		RATIO	S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/21.6		
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 165 p.s.i. : auxiliary -		
Dimensions D x L 16.25 x 12.67		ft		Total Heating Surface 5330		Sq. Ft.		Total Grate Area 124 Sq. Ft.
Steam Space Volume 1165		cubic feet		Furnaces: total no 6 : dia 3 ft 10 inches : length 7 ft 11 inches				
Boiler Tubes: Diameter 2 1/2 inches		: length 7 ft 11 inches		Fuel: coal		Draught: Natural / Forced		
Propeller(s): No. 1		RH LH: Dia 17.5 ft : pitch 18.5 ft		No. of blades 4		built / solid		: material cast steel
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14 13 1/2 15 1/2 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 5250		Tons		Draught 12.67 ft		Cb - 0.707		: Speed - 12.32 Knots
I.H.P. 2500		R.P.M. 74.9		Steam Pressure at Engine 165 p.s.i.		Vacuum 26 1/4 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 66858				Net Profit £ 6707.				
CAREER								
Initial Trade:								
Torpedoed and sunk by U.B 80 29 miles S.W. of Lizard.								
on 30 th December 1917. 26 killed.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BHARATA.	SHIP No 377	DELIVERY YEAR
Scott & Co CB	Cargo Passenger	SHIP OWNER	British India S.N. Co. London	ENGINE No 427	1903

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	373.0	45.0	29.5	23.67		4039	1950	7625	3873
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
195,009	0.686	Clincher	Steel	Schooner	L.R. & B.o.T.	2105	2		
DATES	Order 24 Jul 1901		Keel Lay		Launch 2 Oct 1902		Delivery 3 Feb 1903.		
Passengers Carried	1st Cl 42		2nd Cl 36	3rd Cl 14	large number (native)	Launch Sponsor			

MACHINERY

SUPPLIER	Greenock Foundry Co.	TYPE	Steam Triple Expansion.
CYLINDER DIAMETERS -	33 55 88 INCHES	STROKE	4.5 FT.
N.H.P. 870	I.H.P. 5000 DESIGN RPM	DESIGN SPEED	16 KNOTS
EXPANSION RATIO	10.3	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{19.7}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = - (18" \text{ pump})$
No of Boilers: main	5	: auxiliary	-
TYPE: Cylindrical		Working Pressure: main	180 p.s.i.
Dimensions D x L		16.0 x 12.0 ft	Total Heating Surface 13515 Sq. Ft.
Total Grate Area		330 Sq. Ft.	
Steam Space Volume	2871 cubic feet	Furnaces: total no 15	: dia 3 ft 11 1/4 inches: length 8 ft 3 inches
Boiler Tubes: Diameter	2 1/2 inches	: length	8 ft 3 inches
Fuel: Coal		Draught: Natural	Forced <input checked="" type="checkbox"/>
Propeller(s): No. 1	✓ RH LH: Dia 17.25 ft: pitch 21.75 ft: No. of blades 4	built ✓: solid	: material bronze
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 17 5/8 16 3/4 18 1/4 inches			
Electric Generators: No. - : - K.W. each: Voltage -			

(LOADED) TRIAL INFORMATION

Displacement	7625 Tons	Draught	23.46 ft	Cb - 0.681	Speed - 14.6 Knots
I.H.P.	6058	R.P.M.	89.4	Steam Pressure at Engine	180 p.s.i.
Vacuum	27 1/4 inches Hg				

CONTRACT OUTCOME

Invoice Price £ 112,225.	Net Profit £ 1521 .
CAREER	
Initial Trade :	
Cargo handling installation - 8 hydraulic cranes.	
Sold 29 November 1923 to Japanese owners	
and renamed HARADA MARU - lost in W.W.2	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NARRAGANSETT.		SHIP No	376		DELIVERY YEAR	
Scott & Co CD.	Oil Tanker	SHIP OWNER	Anglo-American Oil Co. London.		ENGINE No	426		1903	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	512.0	63.25	34.5	27.67		9196	5776	20464	12444
CARGO CAPACITY cub. ft.	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	BYONCELD STEEL WEIGHT - TONS	No. of Masts	
497789	0.797	Clincher	Steel		Schooner	L.R.	6638	2	
DATES	Order c. Feb 1902		Keel Lay c. June 1902		Launch 12 Feb 1903		Delivery 21 Apr 1903		
Passengers Carried	1st Cl - - - 2nd Cl - - 3rd Cl - -				Launch Sponsor -				
MACHINERY									
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 31 51 85½ INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw		
N.H.P. 1000	I.H.P. 5000		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE 5735 SQ. FT.		
EXPANSION RATIO 10.8	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1		16.95		S.W. Circ. Pump Capacity L.P. Cylinder Volume = - (16½ pump)		
No of Boilers: main 6		: auxiliary -		TYPE: Cylindrical			Working : main 200 Pressure : auxiliary - p.s.i.		
Dimensions D x L		15.33 x 11.0 ft		Total Heating Surface		14016 Sq. Ft.		Total Grate Area 386 Sq. Ft.	
Steam Space Volume		2870 cubic feet		Furnaces: total no 18 : dia 3 ft 9¼ inches : length 7 ft 4 inches					
Boiler Tubes : Diameter		3¼ inches : length 7 ft 4 inches		Fuel : coal		Draught : Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Propeller(s) : No. 1		RH : Dia 20 ft : pitch 19.0 ft		No. of blades 4		built <input checked="" type="checkbox"/> solid		: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 17½ 17½ 18½ inches									
Electric Generators : No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 20,006 Tons : Draught 27.25 ft : C _b - 0.797 : Speed - 12.86 Knots									
I.H.P. 4897 R.P.M. 73.44 Steam Pressure at Engine 199 p.s.i. : Vacuum 26¼ inches Hg									
CONTRACT OUTCOME									
Invoice Price £156037.					Net Profit. - £2620				
CAREER									
Initial Trade :									
Largest oil carrier in the world until beginning of W.W.I.									
and largest to have transverse framing.									
Torpedoed off Scillies 1917 on voyage New York - London									
with cargo of lubricating oil. 47 lost.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ANHUI			SHIP No 381	DELIVERY YEAR	
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London			ENGINE No 431	1903	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	300.0	40.0	21.5	17.17		2201	1350	4468
BALL CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
131950	0.75	Clincher	Steel.		Schooner.	B.o.T.	971	2
DATES	Order Apr 1902			Keel Lay	Launch 24 Sept 1903		Delivery 22 Oct 1903	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 14½ 24 39½ INCHES					STROKE 2.5 FT.	PROPULSION MODE Twin Screw.		
N.H.P. 314	I.H.P. 1500 DESIGN RPM		DESIGN SPEED		11½ KNOTS		CONDENSER COOLING SURFACE 2200 SQ. FT.	
EXPANSION RATIO 10.93	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{18.4}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{16.7}$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working : main 190 Pressure : auxiliary - p.s.i.			
Dimensions D x L 15.0 x 11.5 ft			Total Heating Surface 5180 Sq. Ft.		Total Grate Area 121 Sq. Ft.			
Steam Space Volume 1018 cubic feet			Furnaces: ^{total} no 6 : dia 3 ft 8 inches : length 8 ft 0 inches					
Boiler Tubes : Diameter 2½ inches : length 8 ft 0 inches			Fuel: Coal		Draught: Natural Forced ✓			
Propeller(s) : No. 2 ✓ RH			LH: Dia 10.63 ft : pitch 10.75 ft : No. of blades 4		built : solid ✓		: material cast iron	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-					8 8 9 inches			
Electric Generators : No. - : -					K.W. each : Voltage -			
TRIAL INFORMATION								
Displacement 1850 Tons : Draught 7.96 ft : Cb - 0.69					Speed - 13.6 Knots			
I.H.P. 1914 R.P.M. 126.5					Steam Pressure at Engine 194 p.s.i. : Vacuum 26 inches Hg			
CONTRACT OUTCOME								
Invoice Price					Net Profit			
CAREER								
Initial Trade: China Coaster								
Torpedoed & sunk by Austro-Hungarian submarine U27								
on 12 th August 1918, two miles S.E. of Cape Greco, Cyprus								
4 dead.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. CHENAN		SHIP No	382		DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	432		1903
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	300.0	40.0	21.5	17.17		2200	1350	4468
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of Masts	
131950	0.75	Clincher	Steel	Schooner	B.O.T.	971	2	
DATES	Order Apr 1902		Keel Lay		Launch 12 Oct 1903		Delivery 9 Nov 1903	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 14½ 24 39½ INCHES				STROKE 2.5 FT.		PROPULSION MODE Twin Screw		
N.H.P. 314	I.H.P. 1500		DESIGN SPEED		11½ KNOTS		CONDENSER COOLING SURFACE 2200 SQ. FT.	
EXPANSION RATIO 10.63		RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/18.4		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/16.7		
No of Boilers: main 2		auxiliary -		TYPE: Cylindrical		Working Pressure: main 190 p.s.i. auxiliary -		
Dimensions D x L 15.0 x 11.5		ft		Total Heating Surface 5180		Sq. Ft.		Total Grate Area 121
Steam Space Volume 1018		cubic feet		Furnaces: total 6 : dia 3 ft 8 inches : length 8 ft 0 inches				
Boiler Tubes: Diameter 2½		inches : length 8 ft 0 inches		Fuel coal		Draught: Natural Forced		
Propeller(s): No. 2		RH LH: Dia 10.63 ft : pitch 10.75 ft		No. of blades 4		built solid		material cast iron
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 8 9 inches								
Electric Generators: No. - : K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement 2145		Tons		Draught 9.0		ft		Cb - 0.695 : Speed - 12.88 Knots
I.H.P. 1853		R.P.M. 122.6		Steam Pressure at Engine 189		p.s.i.		Vacuum 26 ¾ inches Hg
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: China Coaster								
March 1933 - sold to Chinese breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. CHINHUA		SHIP No	384		DELIVERY YEAR
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	433		1903
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	300.0	40.0	21.5	17.17		2198	1349	4468
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
131950	0.75	Clincher	Steel	Schooner	B.O.T.	971	2	
DATES	Order Apr. 1902		Keel Lay	Launch 4 Nov 1903		Delivery 27 Nov 1903		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor -				
MACHINERY								
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 14½ 24 39½ INCHES				STROKE 2.5 FT.		PROPULSION MODE Twin Screw		
N.H.P. 314	I.H.P. 1500 DESIGN RPM		DESIGN SPEED 11½ KNOTS		CONDENSER COOLING SURFACE 2200 SQ. FT.			
EXPANSION RATIO 10.75	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{18.4}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.7}$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical		Working Pressure: main 190 p.s.i. : auxiliary -				
Dimensions D x L 15.0 x 11.5 ft			Total Heating Surface 5180 Sq. Ft.		Total Grate Area 121 Sq. Ft.			
Steam Space Volume 1018 cubic feet			Furnaces: total no 6 : dia 3 ft 8 inches : length 8 ft 0 inches :					
Boiler Tubes: Diameter 2½ inches : length 8 ft 0 inches			Fuel coal		Draught: Natural Forced ✓			
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 10.63 ft: pitch 10.75 ft: No. of blades 4			built: solid ✓		material cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 8 8 9 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 2266 Tons: Draught 9.43 ft.: C _b - 0.705 : Speed - 13.1 Knots								
I.H.P. 1820 R.P.M. 125.2 Steam Pressure at Engine 186 p.s.i.: Vacuum 27 inches Hg								
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: China Coaster								
February 1935 - Sold to Japanese ship breakers								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S LINAN		SHIP No	383		DELIVERY YEAR
Scott & Co CB	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	434		1903
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	300.0	40.0	21.5	17.17		2200	1352	4468
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
131950	0.75	Clincher	Steel		Schooner	B.O.T.	971	2
DATES	Order	Apr. 1903		Keel Laid	Launch		19 Nov 1903	
					Delivery		14 Dec 1903	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Greenock Foundry Co.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 14½ 24 39½ INCHES					STROKE	2.5 FT.		PROPULSION MODE
							Twin Screw	
N.H.P. 314	I.H.P. 1500 DESIGN RPM		DESIGN SPEED		11½ KNOTS		CONDENSER COOLING SURFACE 2200 SQ. FT.	
EXPANSION RATIO	10.83		RATIO		Air Pump Capacity LP. Cylinder Volume = 1/18.4		S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/12.7	
No of Boilers: main	2		: auxiliary -		TYPE: Cylindrical		Working : main 190 Pressure : auxiliary - p.s.i.	
Dimensions D x L	15.0 x 11.5		ft		Total Heating Surface	5180 Sq. Ft.		Total Grate Area
						121 Sq. Ft.		
Steam Space Volume			1018 cubic feet		Furnaces: total no 6 : dia 3 ft 8 inches : length 8 ft 0 inches			
Boiler Tubes : Diameter			2½ inches : length 8 ft 0 inches		Fuel : Coal		Draught : Forced ✓	
Propeller(s) : No. 2			✓ RH : Dia 10.63 ft : pitch 10.75 ft : No. of blades 4		built : solid ✓		: material cast iron	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 8 8 9 inches								
Electric Generators : No. - : K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement		2285 Tons		Draught		9.4 ft. : Cb - 0.705		Speed - 12.9 (Knots)
I.H.P. 1763		R.P.M. 121.8		Steam Pressure at Engine		188 p.s.i. : Vacuum		27 inches Hg
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade : China Coaster.								
July 1922 - in collision with 'Wing On' at Hong Kong.								
June 1934 - sold to ship breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TAMING		SHIP No	DELIVERY YEAR	
Scott & Co CD	General Cargo	SHIP OWNER	China Navigation Co London.		ENGINE No	1903	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	300.0	40.0	21.5	17.17		2200	1350
							Displacement
							4468
							Deadweight
							2858
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
131950	0.75	Clincher	Steel	Schooner	B.O.T.	971	2
DATES	Order Apr 1903			Keel Lay	Launch 7 Dec 1903		Delivery 28 Dec 1903
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -		
MACHINERY							
SUPPLIER Greenock Foundry Co.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 14½ 24 39½ INCHES				STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 314	I.H.P. 1500		DESIGN SPEED		CONDENSER COOLING SURFACE 2200 SQ. FT.		
DESIGN RPM		11½ KNOTS					
EXPANSION RATIO	10.9	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/18.4		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/16.7	
No of Boilers: main	2	: auxiliary -		TYPE: Cylindrical		Working Pressure: main 190 p.s.i. : auxiliary -	
Dimensions D x L		15.0 x 11.5 ft		Total Heating Surface		5180 Sq. Ft.	
				Total Grate Area		121 Sq. Ft.	
Steam Space Volume		1018 cubic feet		Furnaces: total no 6 : dia 3 ft 8 inches : length 8 ft 0 inches			
Boiler Tubes: Diameter		2½ inches : length 8 ft 0 inches		Fuel: coal		Draught: Natural	
						Forced ✓	
Propeller(s): No. 2		✓ RH : LH: Dia 10.63 ft : pitch 10.75 ft : No. of blades 4		built : solid ✓		: material cast iron	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		8 8 9		inches			
Electric Generators: No. -		: -		K.W. each: Voltage -			
TRIAL INFORMATION							
Displacement 2239		Tons: Draught 9.33 ft.: C _b - 0.704		Speed - 13.1 Knots			
I.H.P. 1792		R.P.M. 122.5		Steam Pressure at Engine 190 p.s.i.:		Vacuum 28.1 inches Hg	
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: China Coaster.							
October 1935 - sold to Chinese shipbreakers.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TEAN.		SHIP No	386		DELIVERY YEAR
Scott & Co CD.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	436		1904
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	300.0	40.0	21.5	17.17		2193	1346	4468
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
131950	0.75	Clincher	Steel		Schooner	B.O.T.	971	2
DATES	Order Apr 1903		Keel Lay		Launch 30 Jan 1904		Delivery 22 Feb. 1904	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Greenock Foundry Co					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 14½ 24 39½ INCHES					STROKE	2.5 FT.	PROPULSION MODE Twin Screw	
N.H.P. 314	I.H.P. 1500		DESIGN SPEED		11½ KNOTS		CONDENSER COOLING SURFACE 2200 SQ. FT.	
EXPANSION RATIO	10.68	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/18.4		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = 1/16.7
No of Boilers: main	2	: auxiliary -		TYPE: Cylindrical		Working Pressure: main 190 p.s.i. : auxiliary -		
Dimensions D x L		15.0 x 11.5 ft		Total Heating Surface		5180 Sq. Ft		Total Grate Area
								121 Sq. Ft
Steam Space Volume		1018 cubic feet		Furnaces: total no		: dia ft		inches: length ft
								inches
Boiler Tubes: Diameter		2½ inches		: length ft		8 ft		0 inches
								Fuel: Coal
Propeller(s): No. 2		✓ RH		LH: Dia 10.63 ft: pitch 10.75 ft		No. of blades 4		built: solid ✓
								: material cast iron.
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-				8		8		9. inches
Electric Generators: No. -		:		K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement		2282 Tons		Draught 9.5 ft		Cb - 0.705		Speed - 13.06 Knots
I.H.P. 1870		R.P.M. 122.3		Steam Pressure at Engine		185 p.s.i.		Vacuum 28.06 inches Hg
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: China Coaster.								
27 th May 1928 - Seized by pirates at Hoihow								
& sailed to Bias Bay								
March 1936 - Sold to Chinese Shipbreakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.Y. GRIANAIG		SHIP No	387	DELIVERY YEAR
Scotts S & E Co Ltd C.B.	Pleasure Yacht	SHIP OWNER	Robert Sinclair Scott - Larvs.		ENGINE No	437	1904
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	160.0	23.75	14.0	11.4		351	188
Displacement						635	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.51	Clincher	Steel	Schooner	L.R.	160	2
DATES	Order Jan. 1904.		Keel Lay	Launch 11 th May 1904		Delivery 3 Aug 1904	
Passengers Carried	1st Cl -		2nd Cl -	3rd Cl -	Launch Sponsor		
MACHINERY							
SUPPLIER Scotts' S & E. Co., Ltd.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 14 22 35 INCHES				STROKE 2.0 FT.		PROPULSION MODE Screw	
N.H.P. 97	I.H.P. 650		DESIGN SPEED 12.0 KNOTS		CONDENSER COOLING SURFACE 1300 SQ. FT.		
EXPANSION RATIO 9.42		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$			
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical.		Working Pressure: main 190 p.s.i.	
Dimensions D x L 13.75 x 10.0 ft				Total Heating Surface 1899 Sq. Ft.		Total Grate Area 61.5 Sq. Ft.	
Steam Space Volume 325 cubic feet				Furnaces: total no 3 : dia 3 ft. 5 $\frac{3}{4}$ inches : length 6 ft. 10 inches			
Boiler Tubes : Diameter o.d. 3 $\frac{1}{4}$ inches : length 6 ft. 10 $\frac{3}{4}$ inches				Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH <input type="checkbox"/> LH : Dia 8.63 ft : pitch 9.63 ft : No. of blades 4				built : solid <input checked="" type="checkbox"/> : material cast iron.			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 7 $\frac{3}{8}$ 7 7 $\frac{5}{8}$ inches							
Electric Generators : No. - : K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement 454 Tons : Draught 9.68 ft. : C _b - 0.473 : Speed - 12.59 Knots							
I.H.P. 736 R.P.M. 148.2 Steam Pressure at Engine 191 p.s.i. : Vacuum 26.5 inches Hg							
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER March 1906 : sold to the Duke of Westminster for £20,000.							
Initial Trade : Later Owners :- c. 20 - Lord Dunraven.							
1925 - Major Grigg.							
1928 - A.J. Drexel - renamed 'Aloma'							
1931 - Aymar Johnson - 'Enchantress'							
1938 - M.S. Myers - 'Shahrazad'							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.Yacht BERYL		SHIP No	388		DELIVERY YEAR
Scotts S & E Co. Ltd. CD.	Pleasure Yacht	SHIP OWNER	Wyndham Francis Cook - London		ENGINE No	438		1904
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	160.0	25.0	14.5	11.6		427	207	685
BASE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts
-	0.52	Clincher	Steel		Schooner	L.R.	181	2
DATES	Order Mar. 1904		Keel Lay		Launch 31 Aug 1904		Delivery 8 Nov 1904.	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Cook.			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 16 26 41 INCHES					STROKE 2.25 FT.		PROPULSION MODE Screw	
N.H.P. 134	I.H.P. 925		DESIGN SPEED		13 KNOTS		CONDENSER COOLING SURFACE 1260 SQ. FT.	
EXPANSION RATIO 9.91	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{20}$		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = - (pump)	
No of Boilers: main 1 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 200 : auxiliary p.s.i.		
Dimensions D x L		13.5 x 11.25 ft		Total Heating Surface		2034 Sq. Ft.		Total Grate Area 58.5 Sq. Ft.
Steam Space Volume		384 cubic feet		Furnaces: total no		: dia 3 ft 3 1/8 inches : length 8 ft 0 inches		
Boiler Tubes: Diameter		2 1/2 inches : length 8 ft 0 inches		Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 1		RH LH: Dia 8.5 ft : pitch 8.5 ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material cast iron		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				8 1/2 8 1/8 8 3/8 inches				
Electric Generators: No. - : -				K.W. each: Voltage -				
TRIAL INFORMATION								
Displacement 502		Tons: Draught 9.96 ft		Cb - 0.47		Speed - 13.33 Knots		
I.H.P. 911		R.P.M. 147.1		Steam Pressure at Engine 194 p.s.i.		Vacuum 27.75 inches Hg		
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade: Pleasure Yachting.								
March 1911 - sold to S.H. Morley London. 1920-38 owned by W.R. Preston. M.P.								
Acquired by HMG. - Sept 1946.								
Other names - Lorna, Thessalia, Glaros.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GLENLEE.		SHIP No	389		DELIVERY YEAR
Scotts S & E Co Ltd CB	General Cargo	SHIP OWNER	Western Steamship Co. Glasgow. (J. Gardiner)		ENGINE No	439		1904
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	377.0	49.3	28.75	23.08		4140	2650	9650
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
323473	0.784	Clincher	steel	Schooner	L.R. & B.O.T.	2252	2	
DATES	Order 6 Apr. 1904			Keel Lay	Launch 24 Oct 1904		Delivery 17 Nov 1904	
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor				
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 25 $\frac{1}{2}$ 42 68 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 400	I.H.P. 2000		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 2810 SQ. FT.	
EXPANSION RATIO	9.9	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{14.27}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{24.3}$				
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical.		Working Pressure: main 180 p.s.i. : auxiliary -		
Dimensions D x L 16.0 x 12.0 ft			Total Heating Surface 6000 Sq. Ft.		Total Grate Area 118.1 Sq. Ft.			
Steam Space Volume 1310 cubic feet			Furnaces: total no 6 : dia 3 ft 9 $\frac{7}{8}$ inches : length 8 ft 1 inches					
Boiler Tubes: Diameter 2 $\frac{1}{2}$ inches : length 8 ft 1 inches			Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Propeller(s): No. 1 [✓] RH LH: Dia 17.5 ft : pitch 18.0 ft : No. of blades 4			built <input checked="" type="checkbox"/> solid		: material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 $\frac{3}{4}$ 13 $\frac{1}{8}$ 14 $\frac{5}{8}$ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 4899		Tons: Draught 12.48 ft. : Cb - 0.736		Speed - 12.55 Knots				
I.H.P. 2400 R.P.M. 71.5		Steam Pressure at Engine 177.5 p.s.i. : Vacuum 26 $\frac{1}{2}$ inches Hg						
CONTRACT OUTCOME								
Invoice Price				Net Profit				
CAREER								
Initial Trade:								
Sunk on 29 th May 1915 by U41 67 miles west of Wolf Rock.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SHUNTIAN.		SHIP No	390		DELIVERY YEAR
Scotts S & E Co. Ltd.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	440		1904
C.D. TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	267.0	40.0	18.0	15.4		1758	1081	3525
SALE CAPACITY	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
91640	0.734	Clincher	Steel.	Schooner	B.o.T.	822	2	
DATES	Order 16 Aug 1904		Kel Lay 22 Jul 1904	Launch 7 Nov. 1904		Delivery 7 Dec 1904		
Passengers Carried	33 Euro 1st Cl 56 Chinese 2nd Cl		3rd Cl 76 Chinese 2nd Cl		Launch Sponsor Mrs. E.F. Baker (wife of 'Aryll' Engr.)			
MACHINERY								
SUPPLIER Scotts S & E Co., Ltd.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 21 34 56 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 325	I.H.P. 1750 DESIGN RPM		DESIGN SPEED 12 KNOTS		CONDENSER COOLING SURFACE 2300 SQ. FT.			
EXPANSION RATIO 9.81	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17.4}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = (\text{pump})$					
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 190 p.s.i. : auxiliary -			
Dimensions D x L 15.0 x 11.5 ft		Total Heating Surface 5184 Sq. Ft		Total Grate Area 121 Sq. Ft				
Steam Space Volume 1064 cubic feet		Furnaces: total no 6 : dia 3 ft 8 inches : length 8 ft 0 inches						
Boiler Tubes: Diameter 2 $\frac{1}{2}$ inches : length 8 ft 0 inches		Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 12.5 ft : pitch 14.5 ft : No. of blades 4		built: solid <input checked="" type="checkbox"/>		material				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-		11 10 $\frac{1}{2}$ 11 $\frac{5}{8}$ inches						
Electric Generators: No. -		K.W. each: Voltage -						
TRIAL INFORMATION								
Displacement 2146		Tons: Draught 10.21 ft: Cb - 0.68		Speed - 13.25 Knots				
I.H.P. 2054 RPM. 104.4		Steam Pressure at Engine 185 p.s.i.:		Vacuum 27.75 inches Hg				
CONTRACT OUTCOME								
Invoice Price		Net Profit						
CAREER								
Initial Trade: Shanghai / Tientsin express service.								
17 th June 1934 - pirated on voyage Shanghai / Tientsin.								
Oct. 1934 - sold to Hong Kong ship breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. FENGTIEN.		SHIP No	393		DELIVERY YEAR
Scott's S & E Co. Ltd. CD	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	463		1905
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	267.0	40.0	18.0	15.4		1765	1073	3525
SALE CAPACITY (Gross Tons)	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
91640	0.734	Clincher	Steel		Schooner	B.O.T.	822	2
DATES	Order 12 Dec. 1904		Keel Lay 15 Jan 1905		Launch 20 Apr 1905		Delivery 20 May 1905	
Passengers Carried	33 Euro 1st Cl 5% Chinese 2nd Cl		3rd Cl 7% Chinese Steevage		Launch Sponsor			
MACHINERY								
SUPPLIER Scott's S & E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 21 34 56 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screws.	
N.H.P. 325	I.H.P. 1750 DESIGN RPM		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE 2300 SQ. FT.	
EXPANSION RATIO	9.74	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = 1$		17.4	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} =$		(pump)	
No of Boilers: main	2	: auxiliary	-			TYPE: Cylindrical		Working Pressure: main 190 p.s.i. auxiliary -
Dimensions D x L		15.0 x 11.5		ft		Total Heating Surface	5184	Sq. Ft.
Total		Grate Area		121		Sq. Ft.		
Steam Space Volume		1064		cubic feet		Furnaces: total no 6 : dia 3 ft 8 inches : length 8 ft 0 inches		
Boiler Tubes: Diameter		2 1/2		inches : length		8 ft 0 inches		Fuel: coal
Natural Draught: Forced		✓						
Propeller(s): No. 1		RH LH: Dia 12.5 ft : pitch		14.5 ft : No. of blades		4		built: solid ✓
material		cast iron.						
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		11 10 1/2 11 5/8		inches				
Electric Generators: No.		- : -		K.W. each: Voltage		-		
TRIAL INFORMATION								
Displacement		3003		Tons: Draught		13.56 ft.: Cb - 0.726		Speed - 12.5 Knots
I.H.P.		1852 R.P.M.		99		Steam Pressure at Engine		189 p.s.i.: Vacuum 28 1/8 inches Hg
CONTRACT OUTCOME								
Invoice Price £ 35085				Net Profit £ 3643				
CAREER								
Initial Trade: Shanghai / Tientsin express service.								
Dec 1932. - Sold to Anglo-Danish Co. - Shanghai -								
for breaking up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GLENLYON		SHIP No	392	DELIVERY YEAR
Scotts S & E Co. Ltd. CD.	General Cargo	SHIP OWNER	Indian Steamship Co. Glasgow (J. Gardiner)		ENGINE No	462	1905.
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	377.0	49.3	28.75	23.08		4149	2654
							Displacement
							9650
							Deadweight
							6040
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts
323473	0.787	Clincher	Steel	Schooner	L.R. & B.O.T.	2252	2
DATES	Order 22 Nov 1904		Keel Lay 20 Feb 1905	Launch 17 June 1905		Delivery 27 Jul 1905	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor Mrs. F.C. Gardiner Glasgow			
MACHINERY							
SUPPLIER Scotts S & E Co. Ltd.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 25 1/2 42 68 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw	
N.H.P. 400	I.H.P. 2000		DESIGN SPEED		CONDENSER COOLING SURFACE 2810 SQ. FT.		
	DESIGN RPM		11 KNOTS				
EXPANSION RATIO 9.97	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/14.27		RATIO S.W. Circ. Pump Capacity LP. Cylinder Volume = 1/24.3		
No of Boilers: main 2 : auxiliary -	TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary -			
Dimensions D x L 16.0 x 12.0 ft	Total Heating Surface 6000 Sq. Ft.		Total Grate Area 118.1 Sq. Ft.				
Steam Space Volume 1310 cubic feet	Furnaces: total no 6 : dia 3 ft 9 7/8 inches : length 8 ft 1 inches						
Boiler Tubes: Diameter 2 1/2 inches : length 8 ft 1 inches	Fuel: coal		Draught: Forced ✓				
Propeller(s): No. 1 ✓ RH	LH: Dia 17.5 ft : pitch 18.0 ft		No. of blades 4		built ✓ : solid : material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 3/4 13 1/8 14 5/8 inches							
Electric Generators: No. - : - K.W. each: Voltage -							
TRIAL INFORMATION							
Displacement 4766 Tons : Draught 12.17 ft. : Cb - 0.747 : Speed - 12.35 Knots							
I.H.P. 2546 R.P.M. 73.45 Steam Pressure at Engine 185 p.s.i. : Vacuum 26 7/8 inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 43200				Net Profit £ 582.			
CAREER							
Initial Trade:							
Wrecked July 1913 on island of Aldabra.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AFGHANISTAN		SHIP No	394	DELIVERY YEAR	
Scott's S & E Co. Ltd. C.D.	General Cargo	SHIP OWNER	Anglo-Algerian Steamship Co. London		ENGINE No	464	1905	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	380.0	49.5	29.75	23.87		4443	2849	10085
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
354382	0.785	Clincher	Steel		Schooner	L.R. & B.O.T.	2324	2
DATES	Order 14 Apr 1905 (contract)		Keel Lay 31 Jan 1905		Launch 28 Aug 1905		Delivery 15 Sept 1905	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Miss Brown of Glasgow.			
MACHINERY								
SUPPLIER Scott's S & E Co. Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 27 43 73 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw	
N.H.P. 466	I.H.P. 2400		DESIGN SPEED		11 1/2 KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.	
EXPANSION RATIO 10.44	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/16.4		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = (pump)	
No of Boilers: main 2	: auxiliary —		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary —		
Dimensions D x L 16.0 x 12.0 ft			Total Heating Surface 6466 Sq. Ft.			Total Grate Area 118.1 Sq. Ft.		
Steam Space Volume 1100 cubic feet			Furnaces: total no. 6 : dia 3 ft 9 7/8 inches : length 8 ft 1 inches					
Boiler Tubes: Diameter 2 1/2 inches : length 8 ft 1 inches			Fuel: coal			Draught: Natural Forced ✓		
Propeller(s): No. 1 ✓ RH LH: Dia 17.5 ft : pitch 16.75 ft : No. of blades 4			built ✓ : solid			: material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14 1/2 13 1/2 14 7/8 inches								
Electric Generators: No. — : K.W. each: Voltage —								
TRIAL INFORMATION								
Displacement 5395 Tons: Draught 13.46 ft: Cb - 0.746 : Speed - 13.108 Knots								
I.H.P. 2825 R.P.M. 78.5 Steam Pressure at Engine 180 p.s.i.: Vacuum 27 inches Hg								
CONTRACT OUTCOME								
Invoice Price £45881.					Net Profit -£371.			
CAREER								
Initial Trade:								
1912-3 Renamed River Delaware								
1914-5 Elder Branch								
1932-3 Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GULISTAN	SHIP No	DELIVERY YEAR
Scotts S & E Co Ltd CB	General Cargo	SHIP OWNER	Anglo-Algerian Steamship Co. London	395	1905
				ENGINE No	
				465	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	380.0	49.5	29.75	23.87		4445	2849	10085	6948

SALE CAPACITY	G _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
354832	0.785	Clincher	Steel	Schooner	L.R. & B.O.T.	2324	2

DATES	Order contract	14 Apr 1905	Keel Lay	7 Apr 1905	Launch	11 Sep. 1905	Delivery	9 Oct 1905
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Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor	Mrs. Archd. Walker
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MACHINERY

SUPPLIER	Scotts S & E Co., Ltd	TYPE	Steam Triple Expansion
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CYLINDER DIAMETERS -	INCHES	STROKE	4.0 FT.	PROPULSION MODE	Screw
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N.H.P. 466	DESIGN RPM	I.H.P. 2400	DESIGN SPEED	11½ KNOTS	CONDENSER COOLING SURFACE	3000 SQ. FT.
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EXPANSION RATIO	10.44	RATIO	$\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{16.4}$	RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = (\text{pump})$
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No of Boilers: main	2	: auxiliary	-	TYPE:	Cylindrical	Working Pressure	main 180 p.s.i. auxiliary
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Dimensions D x L	16.0 x 12.0	ft	Total Heating Surface	6466	Sq. Ft.	Total Grate Area	118.1	Sq. Ft.
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Steam Space Volume	1100	cubic feet	Furnaces: total no	6	: dia	3 ft 9 7/8 inches	: length	8 ft 1 inches
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Boiler Tubes: Diameter	2½	o.d. inches	: length	8 ft 1 inches	Fuel: Coal	Draught: Natural	Forced ✓
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Propeller(s): No.	1	✓ RH	LH: Dia	17.5 ft	: pitch	16.75 ft	: No. of blades	4	built solid	: material	bronze
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Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	14½ 13½ 14 7/8	inches
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Electric Generators: No.	-	: K.W. each	-	: Voltage	-
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TRIAL INFORMATION

Displacement	4900	Tons	: Draught	12.33	ft	: Cb	0.736	: Speed	12.92	Knots
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I.H.P.	2887	R.P.M.	78.0	Steam Pressure at Engine	181	p.s.i.	: Vacuum	27½	inches Hg
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CONTRACT OUTCOME

Invoice Price	£45361.	Net Profit	£642.
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CAREER

Initial Trade:

Later renamed 'Bordendale'

Acquired by Donaldson Line - 1915.

and renamed Tritonia II - on Clyde-Canada service.
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Torpedoed and sunk by U 49 on February 26 1917
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off South Irish coast.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HUICHOW		SHIP No	396		DELIVERY YEAR
Scotts S & E Co. Ltd. C.D.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	466		1905
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	267.0	40.0	22.5	18.0		1993	1217	4100
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
123169	0.745	Clincher	Steel		Schooner	B.o.T.	857	2
DATES	Order 10 Mar 1905.		Keel Lay 1 Jun 1905		Launch 14 Sep 1905		Delivery 9 Oct 1905	
Passengers Carried	1st Cl 22		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 20 33½ 56 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 268	I.H.P. 1450		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1813 SQ. FT.	
EXPANSION RATIO	11.23	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/17.4		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =
No of Boilers: main	1	: auxiliary	-		TYPE: Cylindrical		Working Pressure: main 190 p.s.i. auxiliary -	
Dimensions D x L			16.58 x 12.5 ft		Total Heating Surface		3838 Sq. Ft.	
Total Grate Area			90.0 Sq. Ft.		Steam Space Volume 600 cubic feet			
Furnaces: total no			4		: dia 3 ft 9 inches : length 8 ft 8½ inches			
Boiler Tubes: Diameter			2½ inches		: length 8 ft 7½ inches		Fuel: Coal	
Draught: Natural			✓		Forced			
Propeller(s): No.			1		RH LH: Dia 14.25 ft: pitch 14.0 ft: No. of blades 4		built: solid ✓ : material cast iron	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10½ 10¼ 11½ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		2108 Tons		Draught 10.0 ft		Cb - 0.69		Speed - 12.95 Knots
I.H.P. 1720		R.P.M. 91.2		Steam Pressure at Engine 178 p.s.i.		Vacuum 27.6 inches Hg		
CONTRACT OUTCOME								
Invoice Price £35347				Net Profit £6551				
CAREER								
Initial Trade: China Coaster.								
October 1922 - Struck a submerged object South of Amoy & beached at Kusan.								
May 1936 - Sold for breaking up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KANCHOW.		SHIP No	397		DELIVERY YEAR
Scotts S & E Co., Ltd C.B.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	467		1905
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	267-0	40-0	22-5	18-0		1993	1217	4100
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
123169	0-745	Clincher	Steel	Schooner	B.o.T.	857	2	
DATES	Order 10 Mar 1905		Keel Lay 17 May 1905	Launch 28 Sept 1905		Delivery 20 Oct. 1905		
Passengers Carried	1st CI 22		2nd CI	3rd CI		Launch Sponsor Master Watt. son of R.D. Watt.		
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 33½ 56 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 268	I.H.P. 1450		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1813 SQ. FT.	
EXPANSION RATIO 11.23	RATIO		Air Pump Capacity LP. Cylinder Volume = 1/17.4		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = —	
No of Boilers: main 1	: auxiliary —		TYPE: Cylindrical			Working Pressure: main 190 p.s.i. auxiliary —		
Dimensions D x L 16.58 x 12.5 ft		Total Heating Surface 3838 Sq. Ft.		Total Grate Area 90 Sq. Ft.				
Steam Space Volume 600 cubic feet		Furnaces: total no 4 : dia 3 ft 9 inches : length 8 ft 8½ inches						
Boiler Tubes: Diameter 2½ inches : length 8 ft 7 15/16 inches		Fuel: coal		Draught: Natural Forced ✓				
Propeller(s): No. 1		RH LH: Dia 14.25 ft : pitch 14.0 ft		No. of blades 4		built solid ✓		cast iron
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				10 3/4 10 1/4 11 3/8		inches		
Electric Generators: No. —				K.W. each: Voltage —				
TRIAL INFORMATION								
Displacement 2065 Tons		Draught 9.83 ft		Cb — 0.688		Speed — 12.49 Knots		
I.H.P. 1683		R.P.M. 90.5		Steam Pressure at Engine 184 p.s.i.		Vacuum 27.87 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 35347				Net Profit £ 6395.				
CAREER								
Initial Trade: China Coaster								
25 th December 1941 - Presumed lost, captured & scuttled at Hong Kong.								
Raised by Japanese & renamed 'Gyoshin Maru'								
August 1945 - Surrendered as 'Kansho Maru'								
October 1945 - Damaged by mine & beached off Hakata Bay.								
1946 - Scrapped.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KUEICHOW		SHIP No	398	DELIVERY YEAR		
Scotts S&E Co. Ltd. C.D.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	468	1905		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	267.0	40.0	22.5	18.0		1992	1215	4100	2710
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts	
123169	0.745	Clincher	steel		Schooner	B.o.T.	857	2	
DATES	Order 10 Mar 1905		Keel Lay 18 May 1905		Launch 16 Oct 1905		Delivery 2 Nov 1905		
Passengers Carried	1st Cl 22		2nd Cl —		3rd Cl —		Large No. of Chinese		Launch Sponsor
MACHINERY									
SUPPLIER Scotts S&E Co. Ltd.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 33½ 56 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 268	I.H.P. 1450		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1813 SQ. FT.		
EXPANSION RATIO 11.23		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.4}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} =$				
No of Boilers: main 1 : auxiliary —		TYPE: Cylindrical				Working Pressure: main 190 : auxiliary — p.s.i.			
Dimensions D x L - 16.58 x 12.5 ft				Total Heating Surface 3838 Sq. Ft.		Total Grate Area 90.0 Sq. Ft.			
Steam Space Volume 600 cubic feet				Furnaces: total no 4 : dia 3 ft 9 inches : length 8 ft 8½ inches					
Boiler Tubes: Diameter 2½ inches : length 8 ft 7½ inches				Fuel: Coal		Draught: Natural Forced ✓			
Propeller(s): No. 1 ✓ RH LH: Dia 14.25 ft : pitch 14.0 ft : No. of blades 4				built: solid ✓		material: cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — 10¼ 10¼ 11½ inches									
Electric Generators: No. — : — K.W. each: Voltage —									
TRIAL INFORMATION									
Displacement 1959		Tons: Draught 9.38		ft: Cb - 0.685		Speed - 13.01 Knots			
I.H.P. 1738		R.P.M. 92.0		Steam Pressure at Engine 186 p.s.i.		Vacuum 27¼ inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 35361					Net Profit £ 7171.				
CAREER									
Initial Trade: China Coaster.									
May 1936 - Sold to Yuan-Yi Shanghai for breaking.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LIANGCHOW		SHIP No	399		DELIVERY YEAR
Scotts S & E Co. Ltd CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	469		1905
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	267.0	40.0	22.5	18.0		1990	1215	4100
BALL CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
123169	0.745	Clincher	Steel	Schooner	B.O.T.	857	2	
DATES	Order 10 Mar 1905		Keel Lay 10 Jun 1905		Launch 30 Oct 1905		Delivery 21 Nov 1905	
Passengers Carried	1st Cl 22		2nd Cl - 3rd Cl		Lamp No of Chinese		Launch Sponsor -	
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd				TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 20 33½ 56 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 268	I.H.P. 1456		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 1813 SQ. FT.	
EXPANSION RATIO	11.23	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{17.4}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = -$			
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 190 p.s.i. : auxiliary -		
Dimensions D x L 16.58 x 12.5		ft		Total Heating Surface 3838		Sq. Ft.		Total Grate Area 90.0
								Sq. Ft.
Steam Space Volume 600		cubic feet		Furnaces: total no 4 : dia 3 ft 9 inches : length 8 ft 8½ inches				
Boiler Tubes: Diameter 2½		inches : length 8 ft 7½		inches		Fuel: coal		Draught: Natural Forced ✓
Propeller(s): No. 1		RH LH: Dia 14.25 ft : pitch 14.0 ft		No. of blades 4		built: solid ✓		: material cast iron
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10½ 10¼ 11½ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1974 Tons : Draught 9.43 ft. : Cb - 0.686 : Speed - 13.09 Knots								
I.H.P. 1737 R.P.M. 91.8 Steam Pressure at Engine 184 p.s.i. : Vacuum 28 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 35362				Net Profit £ 7008.				
CAREER								
Initial Trade:								
8th January 1943. Blown ashore in a storm								
at Benghazi, Libya.								
Sank, salvaged for scrap.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LUCHOW.		SHIP No	DELIVERY YEAR	
Scotts S & E Co. Ltd. CD.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	1905	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	267.0	40.0	22.5	18.0		1992	1216
DISPLACEMENT	4100		Deadweight		2710		
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
123169	0.745	Clincher	Steel	Schooner	B.O.T.	857	2
DATES	Order 10 May 1905		Keel Lay 5 Jul 1905		Launch 14 Nov 1905	Delivery 5 Dec 1905	
Passengers Carried	1st Cl 22	2nd Cl -	3rd Cl	Large No. of Chinese	Launch Sponsor		
MACHINERY							
SUPPLIER Scotts S & E Co. Ltd.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 20 33½ 56 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 268	I.H.P. 1450		DESIGN SPEED		11 KNOTS		
EXPANSION RATIO 11.23		RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/174		CONDENSER COOLING SURFACE 1813 SQ. FT.	
No of Boilers: main 1		auxiliary -		TYPE: Cylindrical		Working Pressure: main 190 p.s.i.	
Dimensions D x L 16.58 x 12.5 ft		Total Heating Surface 3838 Sq. Ft.		Total Grate Area 90.0 Sq. Ft.			
Steam Space Volume 600 cubic feet		Furnaces: total no 4 : dia 3 ft 9 inches : length 8 ft 8½ inches					
Boiler Tubes: Diameter 2½ inches : length 8 ft 7½ inches		Fuel coal		Draught: Natural Forced ✓			
Propeller(s): No. 1		RH LH: Dia 14.25 ft : pitch 14.0 ft		No. of blades 4		built solid ✓ : material cast iron	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10¾ 10¼ 11⅜ inches							
Electric Generators: No. - : K.W. each : Voltage -							
TRIAL INFORMATION							
Displacement 1959 Tons		Draught 9.38 ft		Cb - 0.685		Speed - 13.04 Knots	
I.H.P. 1765 R.P.M. 94.7		Steam Pressure at Engine 186 p.s.i.		Vacuum 28 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 35361.				Net Profit £ 7216.			
CAREER							
Initial Trade: China Coaster.							
September 1938 - Sold to Taku Tug & Lighter Co for scrapping.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. YINGCHOW.		SHIP No	401		DELIVERY YEAR
Scotts S & E Co. Ltd. CD.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	471		1905
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	267.0	40.0	22.5	18.0		1992	1216	4100
BALL CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STRU WEIGHT - TONS	No. of Masts
123169	0.745	Clincher	Steel		Schooner	B. o. T	857	2
DATES	Order 10 Mar 1905		Keel Lay 16 Aug 1905		Launch 30 Nov 1905		Delivery 22 Dec 1905	
Passengers Carried	1st Cl 22		2nd Cl		3rd Cl large no. of Chinese.		Launch Sponsor Mrs. J. Smith, wife of Chief Engr.	
MACHINERY								
SUPPLIER Scotts S & E Co., Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 20 33½ 56 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 268	I.H.P. 1450		DESIGN RPM		SPEED 11 KNOTS		CONDENSER COOLING SURFACE 1813 SQ. FT.	
EXPANSION RATIO 11.23	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/174		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =	
No of Boilers: main 1		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 190 : auxiliary - p.s.i.	
Dimensions D x L 16.58 x 12.5		ft		Total Heating Surface 3838		Sq. Ft.		Total Grate Area 90.0 Sq. Ft.
Steam Space Volume 600		cubic feet		Furnaces: total no 4 : dia 3 ft 9 inches : length 8 ft 8½ inches				
Boiler Tubes: Diameter 2½		p.d. inches : length 8 ft 7½ inches		Fuel: coal		Draught: Natural Forced ✓		
Propeller(s): No. 1		VRH LH: Dia 14.25 ft : pitch 14.0 ft		No. of blades 4		built solid ✓		: material cast iron.
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10¾ 10¼ 11¾ inches								
Electric Generators: No. - : - K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft.: Cb -		: Speed - not taken Knots		
I.H.P. 1820 R.P.M. 93		Steam Pressure at Engine 193		p.s.i. : Vacuum 28½		inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 35360				Net Profit £ 7105.				
CAREER								
Initial Trade: China Coaster.								
1942 - Transferred to Royal Indian Navy as training ship.								
1945 - Became Depot Ship.							F 102.	
1945 - Returned to China Navigation Co.								
Nov 1946 - Sold to ship breakers.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. ARGYLL				SHIP No	DELIVERY YEAR	
Scotts S & E Co. Ltd CB.	First class Armoured Cruiser	SHIP OWNER	Admiralty.				380	1905	
							ENGINE No		
							430		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	450	68.5	31.5 main 37.0 upper	24.75		6496	2848	10856	—
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.498	—	Steel		—	—	—	—	
DATES	Order contract	23 Aug 1904		Keel Lay	2 Sept 1902		Launch	3 Mar 1904	
							Delivery	30 Dec 1905	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor	Mrs. J. Campbell, Kilberry, Argyll.			
MACHINERY									
SUPPLIER Scotts S & E Co. Ltd					TYPE Steam Triple Expansion (4 cyls)				
CYLINDER DIAMETERS - 41½ 65½ 73½ 73½ INCHES					STROKE	3.5 FT.		PROPULSION MODE Twin Screw	
N.H.P. —	I.H.P. 21000 DESIGN RPM 139			DESIGN SPEED	22 KNOTS		CONDENSER COOLING SURFACE 26300 SQ. FT.		
EXPANSION RATIO —	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$ —			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$ —					
No of Boilers: main — 16 : auxiliary 6			16 B&W w.T. header type. TYPE: 6 cylindrical			Working Pressure: main 210 p.s.i. auxiliary			
Dimensions D x L (aux) 12.75 x 9.32 ft				Total Heating Surface main 45855 aux 9450 Sq. Ft.		Total main 1175. Grate Area aux 314. Sq. Ft.			
Steam Space Volume — cubic feet				Aux. total Furnaces: no 18 : dia 3 ft 2 inches : length 6 ft 8 inches					
B & W Boilers (Header Type) 3 x 15, 3 x 16, 4 x 17, 4 x 18, 2 x 21. No x sections						Fuel: Coal	Natural <input checked="" type="checkbox"/> Draught: Forced <input type="checkbox"/>		
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 15.75 ft: pitch 19.75 ft: No. of blades 3						built: solid <input checked="" type="checkbox"/>	: material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — 18/9 17/9½ 20/11½ inches									
Electric Generators: No. — : — K.W. each: Voltage —									
TRIAL INFORMATION									
Displacement 10950 Tons: Draught 25.0 ft: Cb — : Speed — 22.38 Knots									
SHP 21190 R.P.M. 138.9 Steam Pressure at Engine 173 p.s.i.: Vacuum 24.8 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 622,262.				Net Profit £ 152,039.					
CAREER — Served with 3rd Cruiser Squadron — 1914.									
— Struck Inchcape Rock — 28 th October — 1915.									
— Armament. — Complement. — 630 total.									
— 4 - 7" guns — Exec. 244 officers & men.									
— 6 - 6" guns. — Eng.g. 19 officers & artificers, 210 stokers.									
— 2 - 12 pdr & 20 - 3 pdr guns. — Artificers 26, Medical 6, Accountants 7,									
— 2 - 303-Maxims. — Chaplains 2, Royal Marines 71, Bandsmen 15,									
— 2 submerged torpedo tubes. — Domestic 18 Miscellaneous 12.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MEMNON	SHIP No	DELIVERY YEAR
Scotts S & E Co. Ltd CD	Cargo Liner	SHIP OWNER	China Mutual Steam Navigation Co. Liverpool	404	1906
				ENGINE No	
				474	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	49.0	31.5	25.18		4870	3019	10600	7285

SALE CAPACITY cubic feet	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
321320	0.769	Clincher	Steel	Schooner	B.O.T.	2442	2

DATES	Order 21 Aug 1905	Keel Lay 4 Oct 1905	Launch 27 Feb 1906	Delivery 4 Apr 1906
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Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -	Launch Sponsor -
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MACHINERY

SUPPLIER	Scotts S & E Co., Ltd	TYPE	Steam Triple Expansion
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CYLINDER DIAMETERS - 25 41 70	INCHES	STROKE	4.0	FT.	PROPULSION MODE	Screw
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N.H.P. 500	DESIGN RPM	I.H.P. 2000	DESIGN SPEED	11	KNOTS	CONDENSER COOLING SURFACE	3600	SQ. FT.
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EXPANSION RATIO	10.27	RATIO	Air Pump Capacity / L.P. Cylinder Volume = 1/15	RATIO	S.W. Circ. Pump Capacity / L.P. Cylinder Volume = -
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No of Boilers: main	2	: auxiliary	1	TYPE: Cylindrical	Working Pressure: main - 180 p.s.i.	auxiliary 80
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Dimensions D x L	2 x 16.5 x 11.67	ft	Total Heating Surface	main only 5892	Sq. Ft.	Total main only	115.4	Sq. Ft.
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Steam Space Volume	main only 1068	cubic feet	main only total	Furnaces: no 8	: dia 3 ft 4 3/4 inches	: length 7 ft 4 13/16 inches
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Boiler Tubes: Diameter	2 1/2	inches	: length	7 ft 7 2/32 inches	Fuel: coal	Draught: Natural	Forced v
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Propeller(s): No.	1	✓ RH	LH: Dia 17.5 ft	: pitch	17.5 ft	: No. of blades	4	built: solid ✓	: material	steel
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Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	13 1/2	13	14 1/2	inches
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Electric Generators: No.	-	: K.W. each	-	Voltage	-
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TRIAL INFORMATION

Displacement	5096	- Tons	: Draught	13.2	ft	: Cb	- 0.711	: Speed	- 12.34	Knobs
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I.H.P.	2611	R.P.M.	83.2	Steam Pressure at Engine	177	p.s.i.	: Vacuum	26	inches Hg
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CONTRACT OUTCOME

Invoice Price	£ 55035	Net Profit	- £ 3004.
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CAREER

Initial Trade:

July 1930 - sold to Japanese & scrapped.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ASTYANAX		SHIP No	405	DELIVERY YEAR	1906
Scotts S & E Co. Ltd CD.	Cargo Liner	SHIP OWNER	China Mutual Steam Navigation Co. Liverpool		ENGINE No	475		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	390.0	49.0	31.5	25.18		4872	3021	10600
SALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
321320	0.769	Clincher	Steel	Schooner	B-o.T.	2442	2	
DATES	Order 21 Aug 1905		Keel Lay 20 Oct 1905		Launch 27 Mar 1906		Delivery 2 May 1906	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 25 41 70 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 500	I.H.P. 2000		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 3600 SQ. FT.	
EXPANSION RATIO 11.2	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume =	
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical			Working Pressure: main 180 : auxiliary 180 p.s.i.			
Dimensions D x L 2 x 16.5 x 11.67 1 x 11.0 x 9.75 ft		Total Heating Surface main only 5892 Sq. Ft.		Total main only 115.4 Sq. Ft.				
Steam Space Volume main only 1068 cubic feet		main only total Furnaces: no 8 : dia 3 ft 4 3/4 inches : length 7 ft 4 1/2 inches						
main only o.d. Boiler Tubes: Diameter 2 1/2 inches : length 7 ft 7 3/4 inches		Fuel: coal		Draught: Natural Forced				
Propeller(s): No. 1 RH LH: Dia 17.5 ft : pitch 17.5 ft : No. of blades 4		built solid		material steel				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: 13 1/2 13 14 1/2 inches								
Electric Generators: No. : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 5133 Tons: Draught 13.17 ft: Cb - 0.711: Speed - 11.38 Knots								
I.H.P. 2208 R.P.M. 78 Steam Pressure at Engine 175 p.s.i.: Vacuum 26 1/2 inches Hg.								
CONTRACT OUTCOME								
Invoice Price £55035. Net Profit -£2726.								
CAREER								
Initial Trade:								
1916 - chased by a U boat but escaped.								
1917 -								
Aug 1930 - sold at Singapore & hulked as Oscar II								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALBLAIR		SHIP No 403	DELIVERY YEAR			
Scott's S & E Co., Ltd. CD.	General Cargo	SHIP OWNER	J. Mungo Campbell & Son Glasgow.		ENGINE No 473	1906			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	52.0	29.0	23.42		4661	2999	10610	7340
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
397830	0.787	Clincher	Steel	Schooner	L.R.	2500	2		
DATES	Order 3 May 1905			Keel Lay	Launch 21 Jun 1906		Delivery 22 Aug 1906		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. James Campbell			Stockton.	
MACHINERY									
SUPPLIER Scott's S & E Co., Ltd.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 26½ 44 72 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 443	I.H.P. 2600 DESIGN RPM			DESIGN SPEED 10½ KNOTS		CONDENSER COOLING SURFACE 3400 SQ. FT.			
EXPANSION RATIO 10.55		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = \text{---}$				
No of Boilers: main 2 : auxiliary -			TYPE: Cylindrical.			Working : main 180 Pressure : auxiliary - p.s.i.			
Dimensions D x L 16.0 x 12.0 ft			Total Heating Surface 6014 Sq. Ft.			Total Grate Area 118 Sq. Ft.			
Steam Space Volume 1034 cubic feet			Furnaces: ^{total} no 6 : dia 3 ft 10 inches : length 7 ft 11 inches						
Boiler Tubes: Diameter 2½ inches : length 7 ft 11½ inches			Fuel: coal		Draught: Natural Forced ✓				
Propeller(s): No. 1 ^{RH} LH: Dia 17.5 ft : pitch 17.0 ft : No. of blades 4			built ✓ : solid		: material / bronze				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14½ 13½ 14½ inches									
Electric Generators : No. - : K.W. each : Voltage -									
TRIAL INFORMATION									
Displacement 5264 Tons : Draught 12.17 ft : C _b - 0.744 : Speed - 11.33 Knots									
I.H.P. 2377 R.P.M. 72 Steam Pressure at Engine 183 p.s.i. : Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 47836					Net Profit - £ 627.				
CAREER									
Initial Trade :									
November 1917 - acquired & renamed by Ben Line as Benmohr III.									
January 1928 - sold to A/B Orient Abn Finland & named Orient.									
16 June 1934 - lost by fire at Santos on voyage Danzig / Buenos Aires.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. CASSANDRA		SHIP No	408	DELIVERY YEAR
Scotts' S & E Co. Ltd. CB.	Passenger Liner.	SHIP OWNER	Donaldson Bros. Glasgow.		ENGINE No	478	1906
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	455.0	53.0	32.0	27.01		7396	4726
							Displacement
							13955
							Deadweight
							7475
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
494264	0.755	Clincher	Steel	Schooner	L.R. & B.O.T.	3636	2
DATES	Order 22 Nov 1905		Keel Lay	Launch 27 Jun 1906		Delivery 31 Aug 1906	
Passengers Carried	1st Cl	2nd Cl	250	3rd Cl	950	Launch Sponsor Miss Donaldson d. of A.F. Donaldson	
MACHINERY							
SUPPLIER Scotts S & E Co., Ltd.				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 26 42 70 INCHES				STROKE 4.0 FT.		PROPULSION MODE Twin Screw	
N.H.P. 1724	I.H.P. 5500		DESIGN SPEED 14 KNOTS		CONDENSER COOLING SURFACE 6400 SQ. FT.		
EXPANSION RATIO 10.32		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.15}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{15.15}$			
No of Boilers: main 4 : auxiliary		TYPE: Cylindrical		2 D.E. 2 S.E.		Working Pressure: main 180 p.s.i. : auxiliary	
Dimensions D x L 2 x 15.75 x 20.0 2 x 15.75 x 11.5 ft		Total Heating Surface 15020 Sq. Ft.		Total Grate Area 436 Sq. Ft.			
Steam Space Volume 2712 cubic feet		Furnaces: total 18 : dia 3 ft 10 1/2 inches : length 7 ft 8 3/16 inches					
Boiler Tubes: Diameter 3 1/2 inches : length 7 ft 8 3/16 inches		Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced			
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 16.5 ft : pitch 18.25 ft : No. of blades 4		built <input checked="" type="checkbox"/> solid		: material: cast steel			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:- 14 13 1/4 14 3/4 inches							
Electric Generators: No. : K.W. each: Voltage							
TRIAL INFORMATION							
Displacement 6970 Tons		Draught 14.56 ft		Cb - 0.694		Speed - 14.34 Knots	
I.H.P. 5668 R.P.M. 89.5		Steam Pressure at Engine 180 p.s.i.		Vacuum 27 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 106984.				Net Profit £ 2897.			
CAREER							
Initial Trade: Clyde - Canada service. Portland, Maine or St. John N.B. & Halifax in the winter.							
Took part in the Dardanelles & Gallipoli campaigns WWI - 1915.							
Rescued 700 passengers from the torpedoed 'Californian'.							
September 1925 - converted to a cattle carrying cargo ship							
and name changed to 'Carmia'. Sold to Germany							
1934 - scrapped at Kiel as 'Drachtenstein'.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LURCHER		SHIP No	409	DELIVERY YEAR			
Scotts S & E Co. Ltd CD	General Cargo	SHIP OWNER	G & J. Burns. Ltd Glasgow.		ENGINE No	479	1906			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	225.0	33.0	16.5	15.52		993	381	2082	590	
BALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	EMPTY WEIGHT - TONS	No. of MASTS			
47248	0.658	Clincher	Steel	Schooner	L.R. B.O.T.	582	2			
DATES	Order 23 Nov 1905		Keel Laid	Jan 1906.		Launch 19 Jul 1906	Delivery 22 Sept 1906			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Hon. Emily Burns. d. Lord Inverclyde.				
MACHINERY										
SUPPLIER Scotts S & E. Co. Ltd					TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 23 36 58 INCHES					STROKE	3.5 FT.	PROPULSION MODE Screw			
N.H.P. 247	I.H.P. 1600		DESIGN RPM		DESIGN SPEED	13 KNOTS	CONDENSER COOLING SURFACE 2076 SQ. FT.			
EXPANSION RATIO	9.31	RATIO		Air Pump Capacity LP. Cylinder Volume = 1		12.2	RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = -	
No of Boilers: main	2	: auxiliary	-	TYPE: Cylindrical			Working : main 175 Pressure : auxiliary - p.s.i.			
Dimensions D x L	14.0 x 12.5		ft		Total Heating Surface	4006	Sq. Ft.	Total Grate Area	120	Sq. Ft.
Steam Space Volume	912		cubic feet		Furnaces: total	6	: dia 3 ft 4 inches	length 8 ft 6 ⁷ / ₁₆ inches		
Boiler Tubes: Diameter	3 ³ / ₄		inches		length	8 ft 6 ⁷ / ₁₆ inches	Fuel: coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No.	1	✓ RH	LH: Dia 13.0 ft		pitch 17.0	ft	No. of blades	4	built : solid <input checked="" type="checkbox"/> : material bronze	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-					12 ¹ / ₄	11 ⁵ / ₈	12 ⁵ / ₈	inches		
Electric Generators: No. - : -					K.W. each: Voltage -					
TRIAL INFORMATION										
Displacement	1520		Tons		Draught	12.14	ft	Cb - 0.619 : Speed - 13.04 Knots		
I.H.P.	1752		R.P.M.		88.5	Steam Pressure at Engine		172	p.s.i. : Vacuum 26 ³ / ₄ inches Hg	
CONTRACT OUTCOME										
Invoice Price £ 29795.					Net Profit - £ 1775.					
CAREER										
Initial Trade: Glasgow - Manchester service.										
renamed Menapia - 1935.										
Scrapped - 1939.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CARNARVON.		SHIP No	406		DELIVERY YEAR
Scotts CB	Lighthouse Tender	SHIP OWNER	Board of Trade - London.		ENGINE No	476		1906
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	185.0	29.0	14.5	10.75		514	254	1056
SALA CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
1320	0.57	Clincher	Steel		Schooner	B. of T.	337	2
DATES	Order 24 Oct. 1905		Keel Lay 15-3-1906		Launch 7-8-1906		Delivery 26-9-1906	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Iris Biles. (Lloyd George declined)			
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 15 $\frac{1}{2}$ 23 $\frac{1}{2}$ 36 INCHES					STROKE 2.5 FT.		PROPULSION MODE Screw	
N.H.P. 133	I.H.P. 800		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE 1201 SQ. FT.	
EXPANSION RATIO 7.9		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.32}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} =$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 165 p.s.i. : auxiliary -			
Dimensions D x L 12.75 x 11.0 ft			Total Heating Surface 2918 Sq. Ft.			Total Grate Area 85.14 Sq. Ft.		
Steam Space Volume 671 cubic feet			Furnaces: total no 4 : dia 3 ft 9 $\frac{3}{4}$ inches : length 7 ft 3 $\frac{7}{16}$ inches					
Boiler Tubes: Diameter 3 $\frac{1}{4}$ inches : length 7 ft 3 $\frac{7}{16}$ inches			Fuel: coal			Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>		
Propeller(s): No. 1 RH <input checked="" type="checkbox"/> LH: Dia 9.5 ft : pitch 9.75 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>			: material Bronze.		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8, 7 $\frac{1}{2}$, 8 $\frac{1}{2}$ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 851 Tons : Draught 10.38 ft : Cb - 0.56 : Speed - 12.06 Knots								
I.H.P. 808 R.P.M. 143.6 Steam Pressure at Engine 165 p.s.i. : Vacuum 27 inches Hg								
CONTRACT OUTCOME								
Invoice Price £20483					Net Profit - £2646			
CAREER								
Initial Trade: Located at Bermuda.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALHANNA				SHIP No 402	DELIVERY YEAR		
Scotts CB.	General Cargo	SHIP OWNER	J. Mungo Campbell & Son Glasgow.				ENGINE No 472	1906		
TECHNICAL INFORMATION										
DIMENSIONS FEET		L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
		390.0	52.0	29.0	23.42		4662	2999	10610	7340
BALR CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of MASS
397.830	0.79	Clincher.		Steel		Schooner	L.R.		2500	2
DATES		Order 3 May 1905			Keel Lay 12 Dec 1905	Launch 3 Sep 1906		Delivery 28 Sep 1906		
Passengers Carried		1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor		Mrs. John Campbell, Irvine.		
MACHINERY										
SUPPLIER Scotts S & E Co. Ltd.					TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 26½ 44 72 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw.			
N.H.P. 443		I.H.P. 2600 DESIGN RPM		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 3400 SQ. FT.		
EXPANSION RATIO 10.55		RATIO		Air Pump Capacity LP. Cylinder Volume = 1/16		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = -		
No of Boilers: main 2		: auxiliary -		TYPE: Cylindrical.			Working : main 180 Pressure : auxiliary - p.s.i.			
Dimensions D x L 16.0 x 12.0 ft			Total Heating Surface 6014 Sq. Ft.			Total Grate Area 118 Sq. Ft.				
Steam Space Volume 1034 cubic feet			Furnaces: total no 6 : dia 3 ft 10 inches : length 7 ft 11 inches							
Boiler Tubes : Diameter 2½ inches : length 7 ft 11½ inches			Fuel: coal		Draught : Natural <input checked="" type="checkbox"/> Forced					
Propeller(s) : No. 1 RH <input checked="" type="checkbox"/> LH: Dia 17.5 ft : pitch 17.0 ft : No. of blades 4			built <input checked="" type="checkbox"/> solid		H.T. : material brass					
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14½, 13½, 14½ inches										
Electric Generators : No. : - K.W. each : Voltage -										
TRIAL INFORMATION										
Displacement 5313 Tons : Draught 12.3 ft : Cb - 0.78 : Speed - 12.47 Knots										
I.H.P. 2571 R.P.M. 73.4 Steam Pressure at Engine 179 p.s.i. : Vacuum 27 inches Hg										
CONTRACT OUTCOME										
Invoice Price £47832.					Net Profit -£868.					
CAREER										
Initial Trade: World Wide Trading.										
Torpedoed and sunk on 28 th March 1917 by UC 65										
as 'Snowdon Range' (Furness Withy)										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SETTER		SHIP No.	410	DELIVERY YEAR
Scotts CD	General Cargo	SHIP OWNER	G & J. Burns, Ltd Glasgow.		ENGINE No.	480	1906
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	225.0	33.0	16.5	15.52		993	382
DISPLACEMENT							2082
Deadweight							590
SALE CAPACITY	G	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
47248	0.66	Clincher	Steel.	Schooner	L.R. & B.O.T	582	2
DATES	Order 28 Nov 1905		Keel Lay 15 Feb 1906		Launch 4 Sep. 1906		Delivery 23 Oct 1906
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Hon. Muriel Burns. (daughter of Lord Inverclyde)		
MACHINERY							
SUPPLIER Scotts S & E Co., Ltd.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 23 36 58 INCHES				STROKE 3.5 FT.		PROPULSION MODE Screw.	
N.H.P. 247	I.H.P. 1600		DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE 2076 SQ. FT.		
EXPANSION RATIO 9.3	RATIO		Air Pump Capacity L.P. Cylinder Volume = $\frac{1}{12.2}$		RATIO S.W. Circ. Pump Capacity L.P. Cylinder Volume =		
No of Boilers: main 2 : auxiliary -	TYPE: Cylindrical		Working Pressure: main 175 p.s.i. : auxiliary -				
Dimensions D x L - 14.0 x 12.5 ft		Total Heating Surface 4006 Sq. Ft.		Total Grate Area 120 Sq. Ft.			
Steam Space Volume 912 cubic feet		Furnaces: total no 6 : dia 3 ft 4 inches : length 8 ft 6 $\frac{7}{16}$ inches					
Boiler Tubes: Diameter 3 $\frac{3}{4}$ inches : length 8 ft 6 $\frac{7}{16}$ inches		Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>			
Propeller(s): No. 1		RH <input checked="" type="checkbox"/> LH: Dia 13.0 ft : pitch 17.0 ft : No. of blades 4		built solid <input checked="" type="checkbox"/>		: material bronze	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 12 $\frac{1}{4}$, 11 $\frac{5}{8}$, 12 $\frac{5}{8}$ inches							
Electric Generators: No. : K.W. each : Voltage							
TRIAL INFORMATION							
Displacement 1500 Tons : Draught 12.0 ft : Cb - 0.62 : Speed - 13.61 Knots							
I.H.P 1857 R.P.M. 90.9 Steam Pressure at Engine 178 p.s.i. : Vacuum 27 inches Hg							
CONTRACT OUTCOME							
Invoice Price £29795				Net Profit -£1116.			
CAREER							
Initial Trade: Glasgow - Manchester service.							
Sunk by torpedo or mine 10 miles off Corsewall							
13 th September 1918. Master & 8 crew lost.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BARDISTAN		SHIP No	407		DELIVERY YEAR
Scotts' Co.	General Cargo.	SHIP OWNER	Anglo Algerian Steamship Co London.		ENGINE No	477		1906
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	360.0	50.0	27.5	22.1		3888	2501	9250
BAL. CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	BYWIND STEEL WEIGHT - TONS	No. of Masts
305.439	0.79	Clincher	Steel		Schooner	L.R.	2212	2
DATES	Order 22 Nov 1905		Keel Lay 26 Feb 1906	Launch 29 Sep 1906		Delivery 29 Oct 1906		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Walker, Glasgow.			
MACHINERY								
SUPPLIER Scotts S & E Co., Ltd.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 25 40½ 67 INCHES					STROKE 3.75 FT.		PROPULSION MODE Screw.	
N.H.P. 370	I.H.P. 2000		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 2402 SQ. FT.	
EXPANSION RATIO 9.56	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/15.8		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = -	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 180 p.s.i. : auxiliary -		
Dimensions D x L 14.5 x 11.5 ft		Total Heating Surface 5040 Sq. Ft.		Total Grate Area 110 Sq. Ft.				
Steam Space Volume 851 cubic feet		Furnaces: total no 6 : dia ft inches : length ft inches						
Boiler Tubes: Diameter 2½ inches : length 7 ft 8¾ inches		Fuel: coal		Draught: Natural Forced ✓				
Propeller(s): No. 1 RH ✓ LH: Dia 17.0 ft : pitch 16.25 ft : No. of blades 4		built solid ✓		: material Cast Iron				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13¼, 12½, 14½ inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 4588 Tons		Draught ft. : Cb - 0.75		: Speed - 12.24 Knots				
I.H.P. 2262 R.P.M. 77.3		Steam Pressure at Engine 180.4 p.s.i. : Vacuum 26½ inches Hg						
CONTRACT OUTCOME								
Invoice Price £ 46221.				Net Profit - £ 351.				
CAREER								
Initial Trade:								
* Sold 1912 to American - Levant Line (S & J. Thompson-Managers)								
Foundered 1st December 1912, 300 miles off Halifax N.S.								
* Renamed River Meander.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAMES	SHIP No	DELIVERY YEAR
Scotts S & E Co. Ltd CB.	Dumb Barge	STYX and ACHERON. (2)	411-2	1906
		SHIP OWNER	ENGINE No	
		Ocean Steamship Co. Liverpool.	-	

TECHNICAL INFORMATION

DIMENSIONS FEET	-L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	95.0	22.0	9.0	7.5		165			
SALE CAPACITY Dead Ball	G ₃	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	REGISTERED SHIP WEIGHT - TONS	No. of Masts		
	0.98	Clincher	Steel.	-	-	58.2			
DATES	Order 29 Sept 1906			Keel Lay		Launch	Delivery 14 Nov 1906		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price £ 1015 each.

Net Profit £ 250

CAREER.

Constructed entirely by apprentices during boilermakers' strike.

Taken to pieces & shipped to China 14th November 1906.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP Nos.	DELIVERY YEARS
Scotts S & E Co. Ltd.	Towing Barge	GARZA MORA, GARZA BLANCA, GAVIOTA GALLINETA, GALLARETA GARCETA, GAVILAN, GARZA REAL	416--20	1907
		SHIP OWNER		
		CIA ARGENTINA DE LANCHAS Buenos Aires	439--41	1912

C.D.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	160.0	35.1	9.15	7.04		472	—	952	790	
SALE CAPACITY cub feet	C ₃	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	REGISTERED STEEL WEIGHT - TONS	No. of Masts		
	0.84	Clincher	Steel		Schooner	L. R.				
DATES	Order	10 Dec 1906		Keel	15 Dec 1906	Launch	April 1907		Delivery	May 1907
		29 Jan 1912		Lay	18 Jul 1911		Mar 1912			April 1912
Passengers Carried						Launch Sponsor				

CONTRACT OUTCOME

Invoice Price--

Net Profit

CAREER.

All 8 barges were fitted with steering gear, and two winches, steam driven from a donkey boiler, 6.13 ft dia x 7.0 ft. long.

Working pressure 110 psi. Heating surface 250 sq. ft. Grate area 12.5 sq. ft.

After 80 years several are still active, latterly carrying cotton from Asuncion, Paraguay to Buenos Aires and Montevideo.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALMORE	SHIP No 413	DELIVERY YEAR
Scotts' CB.	General Cargo	SHIP OWNER	J. Mungo Campbell, Glasgow.	ENGINE No 481	1907

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	52.0	29.0	23.83		4717	3036	10890	7390
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STRIP WEIGHT - TONS	No. of Masts		
393,374	0.8	Clincher	Steel	Schooner	L.R. + Hamburg Police Board	2393	2		
DATES	Order 4 Dec 1906	Keel Lay 23 Apr 1907	Launch 25 July 1907	Delivery 15 Aug 1907					
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor	Miss Shona Campbell, Stockton.				

MACHINERY

SUPPLIER	Scotts' S & E Co., Ltd.	TYPE	Steam Triple Expansion.
CYLINDER DIAMETERS	26 $\frac{1}{2}$ 44 72 INCHES	STROKE	4.0 FT.
N.H.P. 443	I.H.P. 2600 DESIGN RPM	DESIGN SPEED	10 $\frac{1}{2}$ KNOTS
EXPANSION RATIO	9.46	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{16}$	RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = -$
No of Boilers: main	2	: auxiliary -	TYPE: Cylindrical.
Dimensions DxL	16.25 x 12.0 ft	Total Heating Surface	6694 Sq. Ft.
Steam Space Volume	1040 cubic feet	Furnaces: total no	6 : dia 4 ft 0 inches : length 7 ft 11 $\frac{1}{16}$ inches
Boiler Tubes : Diameter	2 $\frac{1}{2}$ inches : length	7 ft 11 $\frac{9}{16}$ inches	Fuel : coal
Propeller(s) : No.	1	RH \checkmark LH : Dia 17.5 ft : pitch 17.0 ft : No. of blades 4	built \checkmark : solid
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-	14 $\frac{1}{8}$, 13 $\frac{1}{2}$, 14 $\frac{7}{8}$		inches
Electric Generators : No.	-	K.W. each : Voltage	-

TRIAL INFORMATION

Displacement	5025 Tons	Draught	11.67 ft	Cb - 0.76	Speed - 12.71 Knots
I.H.P. 2770	R.P.M. 75.8	Steam Pressure at Engine	179 p.s.i.	Vacuum	27 inches Hg

CONTRACT OUTCOME

Invoice Price	£50886	Net Profit	£1472.
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CAREER

Initial Trade :	
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Destroyed by fire in South Pacific 18 June 1917
(as Waitotara, Union S.S.Co.) on passage Suva
to Sydney, 200 miles south of Noumea.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALDORCH		SHIP No	414	DELIVERY YEAR		
Scott's CD	General Cargo	SHIP OWNER	J. Mungo Campbell, Glasgow.		ENGINE No	482	1907		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	52.0	29.0	23.83		4718	3031	10890	7390
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
393,374	0.8	Clincher	Steel		Schooner	L.R. + Hamburg Police Board	2393	2	
DATES	Order 4 Dec 1906		Keel Lay 23 Apr 1907		Launch 15 Aug 1907		Delivery 12 Sep 1907		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Campbell of Daldorch.				
MACHINERY									
SUPPLIER Scott's S & E Co., Ltd.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 26½ 44 72 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 443	I.H.P. 2600		DESIGN RPM		DESIGN SPEED 10½ KNOTS		CONDENSER COOLING SURFACE 3400 SQ. FT.		
EXPANSION RATIO 9.46	RATIO		Air Pump Capacity L.P. Cylinder Volume = 1/16		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = -		
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical.			Working Pressure: main 180 p.s.i. : auxiliary -				
Dimensions D x L 16.25 x 12.0 ft			Total Heating Surface 6694 Sq. Ft.		Total Grate Area 120 Sq. Ft.				
Steam Space Volume 1040 cubic feet			Furnaces: total no 6 : dia 4 ft 0 inches : length 7 ft 11½ inches						
Boiler Tubes: Diameter 2½ inches : length 7 ft 11 9/16 inches			Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input type="checkbox"/>				
Propeller(s): No. 1 RH <input checked="" type="checkbox"/> LH: Dia 17.5 ft : pitch 17.0 ft : No. of blades 4			built <input checked="" type="checkbox"/> solid		material H.T. Brass				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14½, 13½, 14 7/8 inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 5025 Tons: Draught 11.67 ft: Cb - 0.76 : Speed - 12.7 Knots									
I.H.P. 2770 R.P.M. 75.8 Steam Pressure at Engine 179 p.s.i.: Vacuum 27. inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 50886					Net Profit £ 1379.				
CAREER									
Initial Trade:									
Lost in World War I as Spital (Japp, Hatch & Co)									
Torpedoed 15 th January 1918 by U93.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. FALLS of NITH		SHIP No	415		DELIVERY YEAR
Scotts CD.	Geneval Cargo	SHIP OWNER	Falls Line S.S.Co.		ENGINE No	483		-1907
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	390.0	52.0	29.0	23.83		4712	3021	10890
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	BYONCELO STRIP WEIGHT - TONS	No. of Masts
393374	0.8	Clincher	Steel		Schooner	L.R + Hamburg Police Board.	2393	2
DATES	Order 4 Dec 1906		Keel Lay 26 Apr 1907		Launch 28 Aug 1907		Delivery 26 Sep 1907	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Graham, Glasgow.			
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 26½ 44 72 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw.	
N.H.P. 443	I.H.P. 2600		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 3400 SQ. FT.	
EXPANSION RATIO 9.46		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$			
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working : main 180 Pressure : auxiliary - p.s.i.			
Dimensions D x L 16.25 x 12.0 ft			Total Heating Surface 6694 Sq. Ft.		Total Grate Area 120 Sq. Ft.			
Steam Space Volume 1040 cubic feet			Furnaces : total no : dia ft inches : length ft inches					
Boiler Tubes : Diameter 2½ inches : length 7 ft 11½ inches			Fuel: coal		Draught : Natural Forced ✓			
Propeller(s) : No. 1 RH ✓ LH: Dia 17.5 ft : pitch 17.0 ft : No. of blades 4			built solid ✓		: material H.T. Brass			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- inches								
Electric Generators : No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement 5045 Tons : Draught 11.7 ft : C _b - 0.76 : Speed - 12.8 Knots								
I.H.P 3012 R.P.M. 77.3 Steam Pressure at Engine 179 p.s.i. : Vacuum 27¼ inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 50914 Net Profit £ 979.								
CAREER								
Initial Trade :								
Torpedoed 26 December 1917 in World War I								
by UB 57.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PLADDA.		SHIP No	421	DELIVERY YEAR		
Scotts' CB.	General Cargo	SHIP OWNER	Clyde Shipping Co, Glasgow		ENGINE No	484	1907		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	252.3	35.5	18.2	17.06		1334	544	2790	939
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
53910	0.67	Clincher	Steel		Schooner	B.C. & B.O.T.	741	2	
DATES	Order 5 Apr. 1907		Keel Lay 24 June 1907		Launch 4 Oct. 1907		Delivery 6 Nov 1907		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Kidston. Glasgow.				
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 25 40 65 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 281	I.H.P. 1600		DESIGN RPM		DESIGN SPEED 12 KNOTS		CONDENSER COOLING SURFACE 2205 SQ. FT.		
EXPANSION RATIO 10.28		RATIO		Air Pump Capacity LP. Cylinder Volume = 1/13.04		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume =	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 160 p.s.i. : auxiliary -			
Dimensions D x L 15.2 x 13.0 ft				Total Heating Surface 4048 Sq. Ft.		Total Grate Area 99 Sq. Ft.			
Steam Space Volume 1028 cubic feet				Furnaces: total no 6 : dia 3 ft 9 1/4 inches : length 8 ft 0 1/2 inches					
Boiler Tubes: Diameter 3 3/4 inches : length 8 ft 1 7/16 inches				Fuel: coal		Draught: Natural Forced ✓			
Propeller(s): No. 1 RH ✓ LH: Dia 14.5 ft : pitch 21.5 ft : No. of blades 4				built: solid ✓		: material cast iron.			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 13, 12 1/2, 13 3/8 inches									
Electric Generators: No. : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 1670 Tons: Draught 11.48 ft: Cb - 0.61 : Speed - 13.14 Knots									
I.H.P. 1570 R.P.M. 68 Steam Pressure at Engine 150 p.s.i.: Vacuum 26.6 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 38575					Net Profit £ 964				
CAREER									
Initial Trade:									
Used as a Q-ship during World War I.									
1936 - sold to Belfast, Mersey & Manchester S.S. Co.									
as 'Cavehill'.									
1956 - Scrapped as 'Mount Stuart'.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MANCO	SHIP No	DELIVERY YEAR
Scotts' CD.	Cargo Passenger	SHIP OWNER	Iquitos Steamship Co. Liverpool.	422	1908
				ENGINE No	
				485	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	300.0	45.0	23.5	20.93		2979	1826	5932	3140
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STRU WEIGHT - TONS	No. of Masts		
117322	0.74	Clincher	Steel	Schooner	L.R. & B.O.T	1703	2		
DATES	Order 29 Apr 1907	Keel Lay 14 June 1907	Launch 27 Nov 1907	Delivery 22 Jan 1908					
Passengers Carried	1st Cl. 62	2nd Cl. -	3rd Cl. large number	Launch Sponsor Mr. Charles Booth.					

MACHINERY

SUPPLIER	Scotts' S & E Co. Ltd	TYPE	Steam Triple Expansion		
CYLINDER DIAMETERS	23 38 64 INCHES	STROKE	3.5 FT.	PROPULSION MODE	Screw
N.H.P. 382	I.H.P. 2200	DESIGN SPEED	12 KNOTS	CONDENSER COOLING SURFACE	3002 SQ. FT.
EXPANSION RATIO	11.56	RATIO	$\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{17}$	RATIO	$\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$
No of Boilers: main	2	: auxiliary	-	TYPE: Cylindrical	Working Pressure: main 180 p.s.i. auxiliary -
Dimensions D x L	16.0 x 11.75 ft	Total Heating Surface	5728 Sq. Ft.	Total Grate Area	126.5 Sq. Ft.
Steam Space Volume	1040 cubic feet	Furnaces: total no	: dia ft	inches: length ft	inches
Boiler Tubes: Diameter	2 1/2 inches	: length	7 ft 10 1/8 inches	Fuel: coal	Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No.	1	RH <input checked="" type="checkbox"/> LH: Dia 15.5 ft: pitch 14.75 ft: No. of blades	4	built <input checked="" type="checkbox"/> solid	: material Cast steel
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	12 3/4, 12 1/4, 14				inches
Electric Generators: No.	-	: K.W. each	-	Voltage	-

TRIAL INFORMATION

Displacement	3870 Tons	Draught	14.35 ft	Cb	0.708	Speed	12.02 Knots
I.H.P.	2036	R.P.M.	85	Steam Pressure at Engine	176 p.s.i.	Vacuum	25 7/8 inches Hg

CONTRACT OUTCOME

Invoice Price	£66112	Net Profit	-£173.
CAREER			
Initial Trade:	Liverpool - Iquitos later New York - Brazil		
	R.F.A. during WWI at Stornoway & later in Mediterranean.		
	Sold by Booth S.S. Co. to Vaccaro Bros Honduras 1921		
	and renamed Morazan.		
	After other changes of ownership captured by Japanese at Shanghai & renamed Ekkai Maru. in December 1941		
	Bombed & sunk in Colon Bay, S.W. of Manila, 8th Sep. 1944.		

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.Y. CASSANDRA		SHIP No	423		DELIVERY YEAR
Scotts CB.	Pleasure Yacht.	SHIP OWNER	Roy A Rainey New York		ENGINE No	486		1908
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	238.0	32.83	20.0	12.6		1227	552	1887
SALE CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts	
	0.67	Clincher	Steel	Schooner	L.R.		2	
DATES	Order 17 July 1907		Keel Lay 4 Sep 1907		Launch 19 Feb 1908		Delivery 25 June 1908	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Janet Scott.			
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 16 26 42 INCHES				STROKE 2.25 FT.		PROPULSION MODE Twin Screw		
N.H.P. 180	I.H.P. 2500		DESIGN SPEED		15.5 KNOTS		CONDENSER COOLING SURFACE 3100 SQ. FT.	
EXPANSION RATIO 9.52	RATIO		Air Pump Capacity LP. Cylinder Volume = 15.7		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume =	
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 200 p.s.i. : auxiliary -			
Dimensions D x L 16.0 x 11.0 ft			Total Heating Surface 4914 Sq. Ft.		Total Grate Area 152 Sq. Ft.			
Steam Space Volume 940 cubic feet			Furnaces: total no 6 : dia 4 ft 0 1/2 inches : length 7 ft 0 inches					
Boiler Tubes: Diameter 3 1/4 inches : length 6 ft 10 inches			Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s): No. 2 ^{RH} LH: Dia 9.5 ft : pitch 12.0 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>		: material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 8 3/4, 8 1/4, 9 1/4 inches								
Electric Generators: No. - : K.W. each: Voltage -								
TRIAL INFORMATION								
Displacement 1390 Tons: Draught 12.6 ft: Cb - 0.52 : Speed - 15.63 Knots								
I.H.P. 2532 R.P.M. 146.7 Steam Pressure at Engine 180 p.s.i.: Vacuum 27 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 57657.				Net Profit £ 5362.				
CAREER								
Initial Trade:								
Sold by Rainey - 1910.								
1920-1934 - 'Casiana' owned by E.L. Doheny, Los Angeles.								
1938 - 'Banahaw' Commonwealth of Phillipines.								
1942 - Sunk at Corregidor. Phillipines.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GORGON	SHIP No	DELIVERY YEAR
Scotts' CB	Cargo Liner	SHIP OWNER	Ocean Steamship Co., Liverpool	424	1908
				ENGINE No	
				488	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	300.0	42.0	26.5	20.14		2885	1734	5095	3085
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STRU. WEIGHT - TONS	No. of Masts		
158715	0.71	Clincher	Steel	Schooner	-	1273	2		
DATES	Order 6 Mar 1908			Keel Lay 1 Apr 1908		Launch 27-Aug-1908	Delivery 13-10-1908		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor			

MACHINERY

SUPPLIER Scotts' S & E Co. Ltd				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 19½ 33 55 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 200		I.H.P. 1300 DESIGN RPM		DESIGN SPEED 10½ KNOTS		CONDENSER COOLING SURFACE 2200 SQ. FT.	
EXPANSION RATIO 11.4		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16.8}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$		
No of Boilers: main 2 : auxiliary -			TYPE: Cylindrical			Working Pressure : main 185 : auxiliary p.s.i.	
Dimensions D x L 14.76 x 11.33 ft				Total Heating Surface 4330 Sq. Ft.		Total Grate Area 112 Sq. Ft.	
Steam Space Volume 932 cubic feet				Furnaces : total no 6 : dia 3 ft 8½ inches : length 7 ft 4 inches			
Boiler Tubes : Diameter inches : length ft inches				Fuel : coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 1 [✓] RH LH : Dia 14.0 ft : pitch 14.25 ft : No. of blades 4				built solid <input checked="" type="checkbox"/>		: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				10¾ 10½ 11½ inches			
Electric Generators : No. :				K.W. each : Voltage -			

TRIAL INFORMATION

Displacement	2624	Tons	Draught	11.38	ft.	Cb	0.64	Speed	12.53	Knots
I.H.P.	1473	R.P.M.	95.8	Steam Pressure at Engine	166	p.s.i.	Vacuum	26½	inches	Hg

CONTRACT OUTCOME

Invoice Price	£ 47375	Net Profit	£ 1363.
CAREER			
Initial Trade:	Singapore - West Australia service.		
1928 - sold to Hong Kong owners becoming Lyeemoon			
1941 - In Japanese hands - became a war loss.			

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. GLENEDEN.		SHIP No	425		DELIVERY YEAR
Scotts' CD.	General Cargo	SHIP OWNER	Gleneden Steamship Co, Glasgow.		ENGINE No	489		1909
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	400.0	51.8	29.6	24.06		4735	3018	10970
SALE CAPACITY	C ₂	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.78	Clincher	Steel		Schooner	L.R.	2279	2
DATES	Order 1 Dec. 1908		Keel Lay 15 Sep. 1908		Launch 21 Apr. 1909		Delivery 12 May 1909	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss McKenzie, Glasgow.			
MACHINERY								
SUPPLIER Scotts' S & E Co., Ltd.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 27 43 72 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw.	
N.H.P. 411	I.H.P. 2200		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 3400 SQ. FT.	
EXPANSION RATIO 9.43	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = \frac{1}{16}$				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} =$			
No of Boilers: main 3		: auxiliary -		TYPE: Cylindrical.		Working Pressure: main 180 p.s.i. : auxiliary -		
Dimensions D x L 15.0 x 12.5 ft				Total Heating Surface 7989 Sq. Ft.		Total Grate Area 153 Sq. Ft.		
Steam Space Volume 1581 cubic feet				Furnaces: total no 9 : dia 3 ft 7½ inches : length 8 ft 8½ inches				
Boiler Tubes: o.d. Diameter 2½ inches : length 8 ft 2½ inches				Fuel coal		Draught: Natural Forced ✓		
Propeller(s): No. 1		RH: LH: Dia 17.5 ft : pitch 18.0 ft		No. of blades 4		built solid : material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14½ 13½ 14½ inches								
Electric Generators: No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement 5268 Tons : Draught 12.27 ft : Cb - 0.74 : Speed - 12.71 Knots								
I.H.P. 2660 RPM. 75.9 Steam Pressure at Engine 175 p.s.i. : Vacuum 27 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 46581					Net Profit £ 1712			
CAREER								
Initial Trade:								
Wrecked. Anglesey 25 January 1946								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GLENORCHY	SHIP No 426	DELIVERY YEAR
Scott's CB	General Cargo	SHIP OWNER	Indian Steamship Co. Glasgow	ENGINE No 490	1909

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	400.0	51.8	29.6	24.06		4737	3019	10970	7744
SALE CAPACITY under Deck	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0.78	Clincher	Steel	Schooner	L.R.	2279	2		
DATES	Order 1 Dec. 1908	Keel Lay 15 Sep. 1908	Launch 19 May 1909	Delivery 18 June 1909					
Passengers Carried	1st Cl -	2nd Cl -	3rd Cl -	Launch Sponsor Mrs. Fred. Gardiner, Glasgow					

MACHINERY

SUPPLIER	Scott's S & E Co. Ltd.	TYPE	Steam Triple Expansion.
CYLINDER DIAMETERS - 27 43 72 INCHES	STROKE	4.0 FT.	PROPULSION MODE Screw.
N.H.P. 411	I.H.P. 2200 DESIGN RPM	DESIGN SPEED	10 1/2 KNOTS
CONDENSER COOLING SURFACE 3400 SQ. FT.			
EXPANSION RATIO 9.57	RATIO	Air Pump Capacity LP. Cylinder Volume = 1/16	RATIO
S.W. Circ. Pump Capacity LP. Cylinder Volume =			
No of Boilers: main 3 : auxiliary -	TYPE: Cylindrical	Working : main 180 Pressure : auxiliary -	p.s.i.
Dimensions D x L 15.0 x 12.5 ft	Total Heating Surface 7989 Sq. Ft.	Total Grate Area 153	Sq. Ft.
Steam Space Volume 1581 cubic feet	Furnaces: total no 9 : dia 3 ft 7 5/16 inches : length 8 ft 8 11/16 inches		
Boiler Tubes : Diameter 2 1/2 inches : length 8 ft 2 5/8 inches	Fuel: coal	Draught: Natural Forced ✓	
Propeller(s) : No. 1 RH ✓ LH: Dia 17.5 ft : pitch 18.0 ft : No. of blades 4 built ✓ : solid		: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-	14 3/16 13 1/2 14 15/16	inches	
Electric Generators : No. - : -	K.W. each : Voltage -		

TRIAL INFORMATION

Displacement 5230	Tons : Draught 12.18 ft : Cb - 0.74	Speed - ^{not} taken Knots
I.H.P. 2276	R.P.M. 70.3	Steam Pressure at Engine 166 p.s.i. : Vacuum 28 3/8 inches Hg

CONTRACT OUTCOME

Invoice Price £ 46720.	Net Profit £ 2072
CAREER	
Initial Trade :	
	1917 - Sold to Furness Withy (Rio-Cape Line)
	1 Sep 1920 - Wrecked off Victoria Bar, Brazil. (in collision)

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BEACHY		SHIP No	427	DELIVERY YEAR		
Scotts' CB	General Cargo	SHIP OWNER	Clyde Shipping Co. Glasgow.		ENGINE No	491	1909		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	399.6	51.8	29.6	23.9		4718	2997	10892	7795
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.77	Clincher	Steel		Schooner	B.C.	2195	2	
DATES	Order 16 Mar 1909			Keel Lay 1 May 1909	Launch 2 Sep 1909		Delivery 28 Sep 1909		
Despatch Carried 1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor				
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 27 43 72 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 411	I.H.P. 2200			DESIGN SPEED	10½ KNOTS		CONDENSER COOLING SURFACE 3060 SQ. FT.		
EXPANSION RATIO 10.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -					
No of Boilers: main 3 : auxiliary -			TYPE: Cylindrical.			Working Pressure: main 180 p.s.i. : auxiliary -			
Dimensions D x L 15.0 x 12.5 ft			Total Heating Surface 6552 Sq. Ft.			Total Grate Area 153 Sq. Ft.			
Steam Space Volume 1581 cubic feet			Furnaces: total no 9 : dia 3 ft 7 $\frac{5}{16}$ inches : length ft inches						
Boiler Tubes: Diameter inches : length ft			Fuel: Coal			Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s): No. 1 RH <input checked="" type="checkbox"/> LH: Dia 17.0 ft : pitch 17.0 ft : No. of blades 4			built solid <input checked="" type="checkbox"/>			: material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 14 13 $\frac{3}{8}$ 15 $\frac{3}{8}$ inches									
Electric Generators: No. - : K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement 5000 Tons: Draught 11.67 ft: Cb - 0.724 : Speed - 12.48 Knots									
I.H.P. 2704 R.P.M. 75.3 Steam Pressure at Engine 173 p.s.i.: Vacuum 27.1 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 47137.					Net Profit £ 3957.				
CAREER									
Initial Trade:									
Torpedoed and sunk by U.35 on 18 th June 1916									
near Marseille.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CARRON.				SHIP No	DELIVERY YEAR	
Scotts' S&E Co. Ltd. Co.	General Cargo	SHIP OWNER	Carron & Co. Carron, Stirlingshire				ENGINE No 493	1909	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	295.0	40.5	20.0	18.7		2351	1080	3868	1572
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.612	Clincher	Steel.		Schooner	L.R. B.O.T	1132	2	
DATES	Order 4 May 1909			Keel Lay 8 Jun 1909		Launch 14 Oct 1909		Delivery 6 Dec 1909	
Passengers Carried	1st Cl 122 2nd Cl 78 3rd Cl					Launch Sponsor Mrs J.J.S. McLaren.			
MACHINERY									
SUPPLIER		Scotts S&E Co. L ^{td}			TYPE Steam Triple Expansion				Vert.
CYLINDER DIAMETERS - 28 45 72				INCHES	STROKE	3.5	FT.	PROPULSION MODE	Screw
N.H.P. 267	I.H.P. 3250			DESIGN RPM	DESIGN SPEED		15 KNOTS		
EXPANSION RATIO		10.0	RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main		4	: auxiliary -		TYPE: Cylindrical		Working Pressure: main 180 p.s.i. : auxiliary		
Dimensions D x L				16.0 x 11.0	ft	Total Heating Surface		10.000 Sq. Ft.	Total Grate Area 288 Sq. Ft.
Steam Space Volume				-	cubic feet	Furnaces: ^{total} no 12 : dia 4 ft 0 ¹ / ₈ inches : length - ft - inches			
Boiler Tubes: Diameter				-	inches	length	-	ft - inches	Fuel: Coal
Propeller(s): No. 1				<input checked="" type="checkbox"/> RH	LH: Dia 15.0 ft: pitch 16.5 ft: No. of blades 4		built <input checked="" type="checkbox"/> solid : material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14 ¹ / ₈ 13 ¹ / ₂ 14 ⁷ / ₈ inches									
Electric Generators: No. - : - K.W. each: Voltage -									
TRIAL INFORMATION									
Displacement		3122	Tons: Draught		15.33	ft. : Cb - 0.577		Speed - 15.41 Knots	
I.H.P.		3270	R.P.M.		102.1	Steam Pressure at Engine		178 p.s.i.:	Vacuum 27 ¹ / ₂ inches Hg
CONTRACT OUTCOME									
Invoice Price				£55639					Net Profit £200
CAREER									
Initial Trade: Grangemouth - London service.									
1921 - Sold to Bland & Co.									
Sept 1928 - " Cie. De Nav. Mixte, Marseille - renamed Djemila.									
1934 - Scrapped in Italy.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HURST.		SHIP No	428		DELIVERY YEAR
Scotts CD.	General Cargo	SHIP OWNER	Clyde Shipping Co. Glasgow		ENGINE No	492		1910
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	399.6	51.8	29.6	23.9		4719	2998	10892
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.77	Clincher	Steel		Schooner	B.C.	2195	2
DATES	Order 16 Mar 1909		Keel Lay 1 May 1909		Launch 29 Nov 1909		Delivery 7 Jan 1910	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scotts' S&E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 27 43 72 INCHES					STROKE 4.0 FT.	PROPULSION MODE Screw		
N.H.P. 411	I.H.P. 2200		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 3060 SQ. FT.	
EXPANSION RATIO 10.7	RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume			
No of Boilers: main 3		: auxiliary -		TYPE: Cylindrical		Working Pressure: main 180 p.s.i.		
Dimensions D x L 15.0 x 12.5 ft		Total Heating Surface 6552 Sq. Ft		Total Grate Area 153 Sq. Ft				
Steam Space Volume 1581 cubic feet		Furnaces: total no 9 : dia 3 ft 7½ inches : length ft inches						
Boiler Tubes : Diameter inches : length ft		Fuel: coal		Draught: Natural Forced ✓				
Propeller(s) : No. 1		RH ✓ LH: Dia ft : pitch ft		No. of blades 4		built ✓ : solid : material bronze		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				14 13½ 15½ inches				
Electric Generators : No. -				K.W. each : Voltage -				
TRIAL INFORMATION								
Displacement 5030 Tons		Draught ft. : Cb -		Speed -		Knots		
I.H.P. 2662 R.P.M. 75.7		Steam Pressure at Engine 177 p.s.i.		Vacuum 27½ inches Hg				
CONTRACT OUTCOME								
Invoice Price £47174				Net Profit £4084				
CAREER								
Initial Trade:								
Torpedoed and sunk by U 96 on 3rd October 1917 in Bristol Channel.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ATREUS.		SHIP No	DELIVERY YEAR	
Scott's S & E Co. Ltd CB	Cargo Liner.	SHIP OWNER	China Mutual Steam Nav'n Co., Liverpool		ENGINE No	1911	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	441.0	52.5	35.0	27.15		6699	4291
							Displacement
							8613
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
412880	0.74	Clincher	Steel.	Schooner	B.o.T.	3455	2
DATES	Order 25 Feb 1910		Keel Lay	22 Mar 1910	Launch 27 Jan 1911	Delivery 2 Mar 1911	
Passengers Carried	1st Cl	8	2nd Cl	-	3rd Cl	-	
Launch Sponsor							
MACHINERY							
SUPPLIER Scott's S & E Co. Ltd				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 30 50 83 INCHES				STROKE	5.0 FT.	PROPULSION MODE Screw	
N.H.P. 825	I.H.P. 4500		DESIGN SPEED	14 KNOTS		CONDENSER COOLING SURFACE 6500 SQ. FT.	
EXPANSION RATIO	10.91	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		-		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$	
No of Boilers: main	2	: auxiliary	1	TYPE: Cylindrical.		Working Pressure: main <input checked="" type="checkbox"/> 190 p.s.i. auxiliary <input checked="" type="checkbox"/>	
Dimensions D x L			2 x 16.75 x 20.0 (D.E.) ft		Total Heating Surface		11756 1536 Sq. Ft.
Total Heating Surface			11756		1536		Sq. Ft.
Total Grate Area			257 + 43		Sq. Ft.		
Steam Space Volume (M)			1940 cubic feet		Furnaces: total 16 no 3 : dia 3 ft. 4 1/2 inches : length ft. inches		
Boiler Tubes: Diameter			inches : length ft. inches		Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced <input checked="" type="checkbox"/>
Propeller(s): No. 1			RH <input checked="" type="checkbox"/> LH: Dia 19.0 ft: pitch 21.0 ft: No. of blades 4		built <input checked="" type="checkbox"/> solid		: material bronze
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 16 1/4 x 4 1/2 15 3/4 17 inches							
Electric Generators: No. 2 : 21 3/4 K.W. each: Voltage: 65							
TRIAL INFORMATION							
Displacement		8093		Tons: Draught		17.17 ft: Cb - 0.713 : Speed - 14.5 Knots	
I.H.P.		4409		R.P.M.		77 Steam Pressure at Engine 182 p.s.i.: Vacuum 25.5 inches Hg	
CONTRACT OUTCOME							
Invoice Price £86,000				Net Profit - £5514.			
CAREER							
Initial Trade: Far East.							
October 1949 - Sold to Metal Industries - scrapped at Rosyth.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. HILDEBRAND		SHIP No	431	DELIVERY YEAR
Scotts' S & E Co. Ltd	Passenger Liner	SHIP OWNER	Booth Steamship Co, Liverpool.		ENGINE No	495	1911
CD. TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	440.0	53.92	30.0	23.0		6991	4245
							Displacement
							10,014
							Deadweight
							6180
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
171280	0642	Clincher	Steel	Fore & Aft	L.R. B.o.T.	3051	2
DATES	Order 11 Feb 1910		Keel Lay 8 Mar 1910	Launch 4 Feb 1911		Delivery 28 Mar 1911	
Passengers Carried	1st Cl 213	2nd Cl	3rd Cl	232 - Permt	230 - Temp	Launch Sponsor	
MACHINERY							
SUPPLIER	Scotts S & E Co., Ltd			TYPE Steam Quadruple Expansion			
CYLINDER DIAMETERS	22 $\frac{1}{2}$, 32, 46 $\frac{1}{2}$ 67 INCHES			STROKE	4.0 FT.	PROPULSION MODE Twin Screw.	
N.H.P. 935	I.H.P. 5000		DESIGN RPM	DESIGN SPEED	15 KNOTS	CONDENSER COOLING SURFACE 6000 SQ. FT.	
EXPANSION RATIO	13.68	RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ Pump Capacity L.P. Cylinder Volume	
No of Boilers: main	4	auxiliary	-	TYPE: Cylindrical		Working Pressure: main 220 p.s.i.	
Dimensions D x L		2 - 14.83 x 20		Total Heating Surface		Total Grate Area	
2 - 14.83 x 11.67		ft		13568 Sq. Ft.		336 Sq. Ft.	
Steam Space Volume		cubic feet		Furnaces: total no		18 : dia 3 ft 6 $\frac{3}{4}$ inches : length ft inches	
Boiler Tubes: Diameter		inches : length ft		Fuel: Coal		Draught: Natural Forced	
2		✓ RH		built solid		✓ cast steel	
Propellers: No.		2		✓ LH: Dia 16.75 ft : pitch 17.92 ft : No. of blades 3		material	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		13 $\frac{3}{4}$ 13 $\frac{1}{8}$ 15		inches		12 12	
Electric Generators: No.		K.W. each: Voltage					
TRIAL INFORMATION							
Displacement		7643		Tons: Draught		18.5 ft. : Cb - 0.614 : Speed - 15.2 Knots	
I.H.P. 6000 R.P.M.		96.1		Steam Pressure at Engine		p.s.i. : Vacuum inches Hg	
CONTRACT OUTCOME							
Invoice Price		£ 129050		Net Profit		- £ 15060	
CAREER							
Initial Trade: Tourist trade to Spain, Portugal & Madeira.							
Feb 1919: Taken in hand for refurbing after war							
Service as an armed merchant cruiser.							
1934: Sold for scrap to J. Cashmore, Newport, Mon.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KRIAN.		SHIP No	434	DELIVERY YEAR
Scotts' S&E Co. Ltd	Cargo Passenger	SHIP OWNER	Straits Steam Ship Co. Singapore.		ENGINE No	498	1911
CD. TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	210.0	35.0	13.0	11.11		845	453
							Displacement
							1393
							Deadweight
							760
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
60880	0.705	Clincher	Steel	Schooner	B.C.	380	2
DATES	Order	5 Aug 1910	Keel Lay	13 Sep 1910	Launch	27 Apr 1911	Delivery
							20 May 1911
Passengers Carried	1st Cl	28	2nd Cl	16	3rd Cl		
						Launch Sponsor	Miss Somerville.
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd			TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS	18 29 48 INCHES			STROKE	2.75 FT.		
				PROPULSION MODE	Screw.		
N.H.P.	116	I.H.P.	1300	DESIGN SPEED	12 KNOTS		
		DESIGN RPM					
EXPANSION RATIO	13.68	RATIO	Air Pump Capacity L.P. Cylinder Volume = -		RATIO	S.W. Circ. Pump Capacity L.P. Cylinder Volume = -	
No of Boilers: main	1	: auxiliary	1	TYPE: Cylindrical	Working Pressure	main 185 p.s.i. auxiliary 100	
Dimensions DxL	Main: 17.5 x 11.75 ft			Total Heating Surface	M.B. 3257		
	Aux: 6.0 x 12.5				AUX. 350 Sq. Ft.		
Steam Space Volume	M.B. 654 cubic feet			Furnaces: no	4 : dia 3 ft 7 inches : length - ft - inches		
Boiler Tubes: Diameter	- inches : length - ft - inches			Fuels: Coal	Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No.	1	^{RH} LH: Dia	10.75 ft	pitch	11.25 ft	No. of blades	4
						built solid	: material bronze
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-	9 1/2 9 11						inches
Electric Generators: No.	:-			K.W. each	Voltage -		
TRIAL INFORMATION							
Displacement:	1393	Tons: Draught	9.75	ft. : Cb	- 0.69	Speed	- 12.03 Knots
I.H.P.	1300	R.P.M.	121.5	Steam Pressure at Engine	140	p.s.i. : Vacuum	26 inches Hg.
CONTRACT OUTCOME							
Invoice Price	£ 25,550			Net Profit	- £ 780		
CAREER							
Initial Trade:	Passenger service: Singapore to Port Swettenham & Penang.						
1948:	Sold to An Lee Navigation Co., Shanghai & renamed Hai Ziang.						
1950:	Colon Shipping Co S.A. Panama & renamed Roc.						
1953:	Broken up.						

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. RHESUS.				SHIP No	433		DELIVERY YEAR
Scotts' CB	Cargo Liner	SHIP OWNER	China Mutual Steam Navigation Co. Liverpool.				ENGINE No	497		1911
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	441.0	52.5	35.0	27.15		6704	4295	13320	8613	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts		
412880	0.74	Clincher	Steel		Schooner	B.o.T.	3455	2		
DATES	Order 25 Feb 1910			Keel Lay 24 May 1910		Launch 27 May 1911		Delivery 21 July 1911		
Passengers Carried	1st Cl 8 2nd Cl - 3rd Cl -				Launch Sponsor					
MACHINERY										
SUPPLIER Scotts' S & E Co., Ltd.					TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 30 50 83 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw			
N.H.P. 825	I.H.P. 4500 DESIGN RPM			DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE SQ. FT.				
EXPANSION RATIO 10.91	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -				RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -					
No of Boilers: main 2 : auxiliary 1			TYPE: Cylindrical			Working Pressure: main ✓ auxiliary ✓ 190 p.s.i.				
Dimensions D x L $2 \times 16.75 \times 20.0$ (D.E.) $1 \times 13.33 \times 10.0$ ft			Total Heating Surface $\overset{M}{11756} \overset{A}{1536}$ Sq. Ft.			Total Grate Area $257 + 43$ Sq. Ft.				
Steam Space Volume (M) 1940 cubic feet			Furnaces: total 16 no 3 : dia 3 ft 0 inches : length ft inches							
Boiler Tubes: Diameter inches : length ft inches			Fuel: coal		Draught: Natural Forced ✓					
Propeller(s): No. 1 RH ✓ LH: Dia 19.0 ft : pitch 21.0 ft : No. of blades 4 built ✓ : solid			: material bronze							
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- $16\frac{1}{4} \times 4\frac{1}{4}$ $15\frac{3}{4}$ 17 inches										
Electric Generators: No. 2 : $21\frac{3}{4}$ K.W. each: Voltage 65										
TRIAL INFORMATION										
Displacement 6185 Tons		Draught 13.6 ft		Cb - 0.692		Speed - ^{not} taken Knots				
I.H.P. 4055 R.P.M. 85		Steam Pressure at Engine 165 p.s.i.: Vacuum $27\frac{1}{2}$ inches Hg								
CONTRACT OUTCOME										
Invoice Price £ 80000					Net Profit -£ 1719					
CAREER										
Initial Trade:										
July 1917 - escaped torpedo attack off s.w. Ireland.										
July 1950 - sold to BISCO & scrapped at Port Glasgow.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. COLOSSUS.				SHIP No 430	DELIVERY YEAR
Scotts S & E Co Ltd CB	Battleship (Dreadnaught)	SHIP OWNER	Admiralty.				ENGINE No 494	1911
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	510.0	85.0	37.0	27.0				20,000
SALE CAPACITY in tons	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
	0.598	-	Steel.		-	-		-
DATES	Order May 1909		Keel Lay 19 Jul 1909		Launch 9 Apr 1910		Delivery 27 Jul 1911	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Colebrooke.			
MACHINERY								
SUPPLIER	Scotts' S & E Co. Ltd		TYPE Parsons Steam Turbines. h.p. and steam on outboard shafts. l.p. inboard.					
GEARING None fitted.						PROPULSION MODE Four Screws		
SHIP DESIGN RPM		25000 320		DESIGN SPEED DESIGN VACUUM		21 KNOTS 28 INCHES Hg		
CONDENSER COOLING SURFACE		19880 SQ. FT.						
No of Boilers: main	18 : aux -		TYPE B & W header water tube				Working Pressure & Temp 235 p.s.i. satd. °F	
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia. ft. inches : length ft. inches	
	Boiler Tubes: Diameter		inches : length ft. inches					
Watertube Boilers	Total Heating Surface		58374 Sq. Ft.		Grate Area		1672 Square feet	
Fuel: Coal		Draught: Natural						
Propeller(s): No. 4		RH LH: Dia 9.5 ft: pitch 8.0		ft: No. of blades 3		built : solid ✓		: material bronze
Shafting: intermediate shaft, tail shaft diameters: - Wing (11-6 1/4), (12 1/2 - 7 1/2) hollow hollow inches - Centre (11-6 1/4), (11 1/4 - 7 1/2)								
Electric Generators: No. x type x K.W. each 3 Steam Recip. (trial load on 2 - 284 kw) Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement		20,000 Tons		Draught 27.0		R: Cb - 0.598		: Speed - 21.57 Knots
S.H.P. 29317		R.P.M. 337.0		Steam Pressure : & Temp. at Engine		172 p.s.i. Saturation °F		: Vacuum 27.5 inches Hg
CONTRACT OUTCOME								
Invoice Price £ 717597.				Net Profit £ 27086.				
CAREER Complement: 742.								
Initial Trade:								
1914: 1st Battleship Squadron.								
1916: Jutland.								
1917: 4th Battleship Squadron.								
1918: Training Ship.								
1928: Scrapped: Alcoa S.B.Co. Rosyth.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TALTHYBIUS		SHIP No.	436	DELIVERY YEAR		
Scott's CD.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co., Liverpool.		ENGINE No.	500	1911		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	506.0	60.0	42.5	31.92		10224	6526	20833	14048
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
711.680	0.76	Clincher	Steel		-	B.o.T.		4801	2
DATES	Order 19 Aug 1910		Keel Lay 20 Sept 1910		Launch 7 Nov 1911		Delivery 28 Dec 1911		
Passengers Carried	1st Cl 6 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Cedric Sinclair Scott.				
MACHINERY									
SUPPLIER Scott's S & E Co. Ltd.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 23 38 65 INCHES					STROKE 4.0 FT.		PROPULSION MODE Twin Screw		
N.H.P. 850	I.H.P. 5000		DESIGN SPEED		13 KNOTS		CONDENSER COOLING SURFACE 7400 SQ. FT.		
EXPANSION RATIO 11.6		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical			Working Pressure: main 190 p.s.i. auxiliary 190 p.s.i.				
Dimensions D x L 2 x 16.75 x 20.0 (DE) 1 x 16.5 x 11.67 ft			Total Heating Surface 11390		3000 Sq. Ft.		Total Grate Area 257 + 64 Sq. Ft.		
Steam Space Volume (M) 1973 cubic feet			Furnaces: total 16 no 3 : dia 3 ft 6 inches : length 1 ft 0 inches						
Boiler Tubes : Diameter inches : length ft			Fuel: coal		Draught: Natural Forced				
Propeller(s): No. 2 RH LH: Dia 16.25 ft : pitch 17.75 ft : No. of blades 4			built solid		material bronze				
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-			14 13 1/2 15		inches				
Electric Generators : No. 2			21 3/4 K.W. each : Voltage 65.						
TRIAL INFORMATION									
Displacement 9290 Tons		Draught 15.54 ft		Cb - 0.70		Speed - not taken Knots			
I.H.P. 5096 R.P.M. 90.5		Steam Pressure at Engine 190 p.s.i.		Vacuum 27 1/2 inches Hg					
CONTRACT OUTCOME									
Invoice Price £ 115 361.				Net Profit - £ 15773					
CAREER									
Initial Trade:									
6 th Feb. 1942 - Scuttled at Singapore.									
Refloated by Japanese as Taruyasu Maru.									
30 th July 1945 - Reported sunk by aircraft :									
Recovered & renamed Empire Evenlode.									
1949 - Scrapped at Briton Ferry.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. LETITIA		SHIP No	437		DELIVERY YEAR
Scotts CD.	Passenger Liner	SHIP OWNER	Donaldson Bros. Glasgow		ENGINE No	501		1912
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	470.0	56.67	31.5	27.13		8991	5764	14420
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		NO. OF MASTS
428840	0.704	Clincher	Steel		Schooner	L.R. & B.O.T		2
DATES	Order 16 Dec 1910		Keel Lay 24 Jan 1911		Launch 21 Feb 1912		Delivery 19 Apr 1912	
Passengers Carried	1st Cl -		2nd Cl 308		3rd Cl 220 - bermt 182 - temp.		Launch Sponsor Miss Grace Donaldson.	
MACHINERY								
SUPPLIER Scotts' S & E. Co. Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 26 43 72 1/2 INCHES					STROKE 4.0 FT.		PROPULSION MODE Twin Screw	
N.H.P. 800	I.H.P. 6500		DESIGN SPEED		14 KNOTS		CONDENSER COOLING SURFACE 7500 SQ. FT.	
EXPANSION RATIO 11.96	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 6		auxiliary -		TYPE: Cylindrical.		Working Pressure: main 200 p.s.i. auxiliary		
Dimensions D x L 16.0 x 11.75 ft			Total Heating Surface 16404 Sq. Ft.		Total Grate Area 423 Sq. Ft.			
Steam Space Volume 2568 cubic feet			Furnaces: total no 18 : dia 3 ft 11 inches : length ft inches					
Boiler Tubes : Diameter inches : length ft			inches		Fuel: coal		Draught: Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH : Dia 16.75 ft : pitch 19.25 ft			No. of blades 4		built <input checked="" type="checkbox"/> solid		material mang. bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 14 1/2 13 3/4 15 inches								
Electric Generators : No. : K.W. each : Voltage								
TRIAL INFORMATION								
Displacement 7253 Tons : Draught 15.2 ft : C _b - 0.635 : Speed - 16.12 Knots								
I.H.P. 6850 R.P.M. 92.3 Steam Pressure at Engine 187 p.s.i. : Vacuum 28 1/4 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 119590					Net Profit - £ 10810.			
CAREER								
Initial Trade: Clyde - Canada service.								
Wrecked 1 st Aug. 1917 at Portuguese Cove on Chebucto Head								
whilst serving as a hospital ship on voyage Liverpool/Halifax								
with 546 patients, 84 medical staff & 137 crew. - all saved								
except one crew member.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. BENMOHR		SHIP No	443	DELIVERY YEAR	1912
Scotts' CB.	General Cargo	SHIP OWNER	Wm. Thomson & Co., Leith		ENGINE No	504		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	390.0	51.25	29.08	23.7		4806	3111	10383
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	ENGINE WEIGHT - TONS	No. of Masts	
371520	0.77	Clincher	Steel	Schooner	L.R.	2126	2	
DATES	Order 14 Oct 1911		Keel Lay 28 Dec. 1911	Launch 30 Jul 1912		Delivery 26 Aug 1912		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Thomson, Leith			
MACHINERY								
SUPPLIER Scotts' S & E. Co. Ltd				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 26 43 72 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 257	I.H.P. 2500		DESIGN SPEED		11 KNOTS			
EXPANSION RATIO 11.8		RATIO		Air Pump Capacity LP. Cylinder Volume		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main 3 : auxiliary 1		TYPE: Cylindrical		Working Pressure: main 190 : auxiliary 120 p.s.i.				
Dimensions D x L		main { 2 x 15.25 x 11.5 } ft		Total Heating Surface main 7258 : aux 857 Sq. Ft.		Total main 180 : aux 32 Sq. Ft.		
Steam Space Volume		cubic feet		Furnaces: total 6 : no 4 : dia 3 ft 9 inches : length 11 ft 6 inches				
Boiler Tubes: Diameter		inches: length ft		Fuel: coal		Natural Draught: Forced		
Propeller(s): No. 1		RH: Dia 17.5 ft: pitch 18.08 ft: No. of blades 4		built: solid		material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-		14 1/4 13 1/2 15 1/2		inches				
Electric Generators: No. 1 :-		15		K.W. each: Voltage 100 d.c.				
TRIAL INFORMATION								
Displacement		Tons: Draught 12.5 ft: Cb -		Speed - not taken Knots				
I.H.P. 2729		R.P.M. 76		Steam Pressure at Engine 190 p.s.i.:		Vacuum 27 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 50804.		Net Profit - £ 6527.						
CAREER								
Initial Trade:								
16 th October 1914 - Sunk by German cruiser 'Emden'								
N.W. of Minikoi Light, S.W. of Malabar coast								
whilst on passage to Yokohama.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. MAIDSTONE		SHIP No	435		DELIVERY YEAR
Scotts' CD	Naval Depot ship	SHIP OWNER	British Admiralty		ENGINE No	499		1912
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	320.0	45.0	36.5	16.0		2947	2004	3605
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.55	Clincher	Steel		-	-	-	2
DATES	Order 30 Jul 1910			Keel Lay	Launch 29 Apr 1912		Delivery 19 Sep. 1912	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 21 31½ 50 INCHES					STROKE 2.0 FT.		PROPULSION MODE Twin Screw	
N.H.P.	I.H.P. 2800		DESIGN RPM 180		DESIGN SPEED 14½ KNOTS		CONDENSER COOLING SURFACE 5180 SQ. FT.	
EXPANSION RATIO	13.23	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	4	: auxiliary	-			TYPE: Cylindrical		
Working Pressure			main 155 p.s.i.			auxiliary		
Dimensions D x L			14.5 x 10.5 ft			Total Heating Surface		10200 Sq. Ft.
Total Grate Area			320 Sq. Ft.					
Steam Space Volume			- cubic feet			Furnaces: total no : dia ft inches : length ft inches		
Boiler Tubes : Diameter			inches : length ft inches			Fuel: Coal		Draught: Natural Forced ✓
Propeller(s) : No. 2			✓ RH LH: Dia 9.0 ft : pitch 10.33 ft : No. of blades 3			built ✓ : solid		material Mang. Bronze
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- (8½/4½) (8½/4½) (11¾/7½) inches								
Electric Generators : No. 3 : 120 K.W. each : Voltage -								
TRIAL INFORMATION								
Displacement 3563 Tons : Draught 15.9 ft : C _b - 0.55 : Speed - 14.23 Knots								
I.H.P. 2713 R.P.M. 180.6 : Steam Pressure at Engine 126 p.s.i. : Vacuum 25.9 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 113654 Net Profit -£39023.								
CAREER								
Initial Trade: Served as Submarine Depot Ship during World War I.								
at Harwich. 1914-8.								
Complement 149 crew, 300 submarine personnel.								
31st August 1929 - sold for scrapping.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NESSIAN		SHIP No	444	DELIVERY YEAR	
Scotts CB	General Cargo	SHIP OWNER	F. Leyland & Co. Liverpool		ENGINE No	505	1912	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	400.0	52.17	29.5	28.7		6276	4072	13316
SALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
392270	0.78	Clincher	Steel	Schooner	L.R.	2448	2	
DATES	Order 17 Nov 1911		Keel Lay 12 Dec 1911		Launch 10 Oct 1912		Delivery 13 Nov 1912	
Passengers Carried	1st Cl 10 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scotts, S & E Co. Ltd				TYPE Steam Quadruple Expansion				
CYLINDER DIAMETERS - 23 3/4 34 49 70 INCHES				STROKE 4.25 FT.		PROPULSION MODE Screw		
N.H.P. 300	I.H.P. 2300		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 3950 SQ. FT.	
EXPANSION RATIO	14.3	RATIO		Air Pump Capacity L.P. Cylinder Volume = -		RATIO S.W. Circ. Pump Capacity L.P. Cylinder Volume = -		
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical			Working Pressure: main 215 p.s.i. auxiliary			
Dimensions D x L 2 x 14.75 x 17.25 (D.E.) 1 x 12.75 x 10.0 ft		Total Heating Surface 7700 main 1519 aux. Sq. Ft		Total Grate Area 225 main 40.5 aux. Sq. Ft				
Steam Space Volume (M) 1365 cubic feet		Furnaces: total 12 no 2 : dia 3 3/4 ft 6 3/8 inches : length - ft - inches						
Boiler Tubes: Diameter - inches : length - ft - inches		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced				
Propeller(s): No. 1 RH LH: Dia 17.5 ft: pitch 17.5 ft: No. of blades 4		built <input checked="" type="checkbox"/> solid		: material mang. bronze				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 14 1/2 13 1/2 15 inches								
Electric Generators: No. 1 : 15 1/2 K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 6552 Tons: Draught 15.25 ft: Cb - 0.732 : Speed - 11.92 Knots								
I.H.P. 2488 R.P.M. 77.2 Steam Pressure at Engine 200 p.s.i.: Vacuum 26 inches Hg								
CONTRACT OUTCOME								
Invoice Price £70979				Net Profit -£1125				
CAREER								
Initial Trade: Liverpool / West Indies & Gulf of Mexico								
1933 - Scrapped in Italy.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. IXION.	SHIP No 442	DELIVERY YEAR 1912
Scotts Co.	Cargo Liner	SHIP OWNER	China Mutual Steam Navigation Co. Liverpool.	ENGINE No 503	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	506.0	60.0	42.5	31.8		10221	6527	20833	14048
SALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
711,680	0.76	Clincher		Steel		-	B.o.T.	4801	2
DATES	Order 26 Sept 1911			Keel Lay	31 Oct 1911		Launch 29 Oct 1912		Delivery 16 Dec 1912
Passengers Carried	1st Cl 6 2nd Cl - 3rd Cl -					Launch Sponsor			

MACHINERY

SUPPLIER Scotts' S & E Co. Ltd.				TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 23 38½ 65 INCHES				STROKE 4.0 FT.		PROPULSION MODE Twin Screw	
N.H.P. 850		I.H.P. 5000 DESIGN RPM		DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE 7400 SQ. FT.	
EXPANSION RATIO 11.33		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -			
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical		Working Pressure : main ✓ auxiliary ✓ 190 p.s.i.			
Dimensions D x L 2 x 16.75 x 20 (D.E.) 1 x 16.5 x 11.67 ft		Total Heating Surface 11390		Mam. Aux. 3000 Sq. Ft.		Total Grate Area 257+64 Sq. Ft.	
Steam Space Volume (M) 1973 cubic feet		Furnaces: total 16 no 3 : dia 3 ft 6 inches : length ft inches					
Boiler Tubes : Diameter inches : length ft		inches		Fuel : coal		Draught : Natural Forced ✓	
Propeller(s) : No. 2 ✓ RH ✓ LH : Dia 16.25 ft : pitch 17.75 ft : No. of blades 4		built ✓ : solid				: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- (14/3) 13½ 15 inches							
Electric Generators : No. 2 : 21¾ K.W. each : Voltage 65							

TRIAL INFORMATION

Displacement	9610	Tons: Draught	16.0 ft:	Cb - 0.704	: Speed - ^{not} taken Knots
I.H.P. 5310	R.P.M. 93.5	Steam Pressure at Engine 185 p.s.i.:		Vacuum	28 inches Hg

CONTRACT OUTCOME

Invoice Price £129265	Net Profit £-2897
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CAREER

Initial Trade:

Sunk in North Atlantic by U94 on 7th May 1941:

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ANDANIA		SHIP No	DELIVERY YEAR	
Scotts CD.	Passenger Liner	SHIP OWNER	Cunard Steamship Co. Liverpool		446	1913	
ENGINE No 507							
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	520.0	63.75	38.0	28.17		13405	8275
							Displacement
							19540
							Deadweight
							9440
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
344440	0.74	Clincher	Steel	Schooner	L.R. B.O.T. U.S. survey	5971	2
DATES	Order 18 Jan. 1912		Keel Lay 29 Feb 1912		Launch 22 May 1913		Delivery 8 Jul 1913.
Passengers Carried	1st Cl - 2nd Cl 522 3rd Cl 1566				Launch Sponsor Lady Inverclyde.		
MACHINERY							
SUPPLIER - Scotts' S&E Co., Ltd.				TYPE Steam Quadruple Expansion			
CYLINDER DIAMETERS - 26 37 53 76 INCHES				STROKE 4.5 FT.		PROPULSION MODE Twin Screw.	
N.H.P. 1097	I.H.P. 7500 DESIGN RPM		DESIGN SPEED 14½ KNOTS		CONDENSER COOLING SURFACE 6300 SQ. FT.		
EXPANSION RATIO 13.04	RATIO		Air Pump Capacity LP. Cylinder Volume = -		RATIO S.W. Circ. Pump Capacity LP. Cylinder Volume = -		
No of Boilers: main 5 : auxiliary -	TYPE: Cylindrical				Working : main 210 Pressure : auxiliary p.s.i.		
Dimensions D x L 15.75 x 20.75 (D.E.) ft				Total Heating Surface 24500 Sq. Ft.		Total Grate Area 646 Sq. Ft.	
Steam Space Volume - cubic feet				Furnaces : total no 30 : dia 3 ft 11 inches : length ft inches			
Boiler Tubes : Diameter inches : length ft inches				Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced	
Propeller(s) : No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH : Dia 18.0 ft : pitch 20.25 ft : No. of blades 3 built <input checked="" type="checkbox"/> solid				: material bronz			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 15½ 15 16½ inches							
Electric Generators : No. 1 : diesel 30 KW 3 : steam 100 K.W. each : Voltage 110 v. d.c.							
TRIAL INFORMATION							
Displacement 11950 Tons : Draught 18.5 ft : Cb - 0.69 : Speed - 13.59 Knots							
I.H.P. 6144 R.P.M. 76.6 Steam Pressure at Engine 205 p.s.i. : Vacuum 28¼ inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 283905				Net Profit £ 10.089.			
CAREER							
Initial Trade :							
Torpedoed off Rathlin Island on 27 th January 1918							
by U46. - 7 lost.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. AJAX		SHIP No	438	DELIVERY YEAR	
Scotts S & E Co. Ltd. CB	Battleship Super Dreadnought	SHIP OWNER	Admiralty		ENGINE No	502	1913	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	
	555.0	89.0	38.0	27.5		-	-	
DISPLACEMENT	23,100							
DEADWEIGHT	-							
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.593	-	Steel	-	-	-	-	
DATES	Order 16 Dec 1910		Keel Lay	27 Feb 1911	Launch	21 Mar 1912	Delivery 14 May 1913	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Duchess of Sutherland		
MACHINERY								
SUPPLIER	Scotts S & E Co., Ltd.		TYPE Parsons Steam Turbines {h.p. and 2 steam on outboard shafts...}					
GEARING		None fitted			PROPULSION MODE			Four Screws.
SHP	31,000		DESIGN SPEED	21.5 KNOTS		CONDENSER COOLING SURFACE		
DESIGN RPM	335		DESIGN VACUUM	28 INCHES Hg		21,600 SQ. FT.		
No of Boilers: main	18 : aux -		TYPE B & W header watertube			Working Pressure & Temp 235 p.s.i. satd °F		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface	Sq. Ft.		
	Steam Space Volume		cubic feet		Furnaces: total	no : dia ft inches : length ft inches		
	Boiler Tubes: Diameter		inches : length ft		inches			
Watertube Boilers	Total Heating Surface		60,780 Sq. Ft.		Grate Area	1,746 sq. feet		
Fuel: Coal		Draught: Natural		Forced ✓				
Propeller(s): No. 4 ✓ RH 8.0 outbd. ✓ LH: Dia 9.75 ft : pitch 8.26 inbd. ft : No. of blades 4 built : solid ✓ : material bronze.								
Shafting: intermediate shaft, tail shaft diameters: - Wing (11 1/2 - 6 1/2), (14 1/2 - 7 1/2) hollow inches - Centre (11 1/2 - 6 1/2), (14 1/2 - 7 1/2) hollow inches								
Electric Generators: No. x type x K.W. each 2 x 225 kW turbo steam Voltage 220 d.c. 1 x 200 kW recip steam								
TRIAL INFORMATION								
Displacement: 23,100 Tons: Draught 27.5 ft.: Cb - 0.593 : Speed - 21.07 Knots								
S.H.P. 27,482 R.P.M. 329 Steam Pressure 175 p.s.i. : & Temp. at Engine saturation °F : Vacuum 28 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 847,578				Net Profit £ 403,67				
CAREER Complement: 816								
Initial Trade:								
1914: 2nd battleship Squadron.								
1916: Jutland.								
1919: Mediterranean								
1924: Reserve								
1926: Scrapped: Alcoa S.B. Co. Rosyth.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ALAUNIA		SHIP No	447		DELIVERY YEAR
Scotts CB	Passenger Liner.	SHIP OWNER	Cunard Steamship Co. Liverpool		ENGINE No	508		1913
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	520.0	63.75	38.0	28.17		13405	8261	19540
SALE CAPACITY	G	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
344440	0.74	Clincher	Steel	Schooner	L.R. B.O.T. U.S. Survey	5971	2	
DATES	Order 18 Jan 1912		Keel Lay 14 Apr 1912		Launch 9 June 1913		Delivery 3 Nov 1913	
Passengers Carried	1st CI		2nd CI 522		3rd CI 1566		Launch Sponsor Mrs. P. L. Ropper	
MACHINERY								
SUPPLIER Scotts, S & E Co. Ltd.				TYPE Steam Quadruple Expansion				
CYLINDER DIAMETERS - 26 37 53 76 INCHES				STROKE FT.		PROPULSION MODE Twin Screw		
N.H.P. 1097	I.H.P. 7500		DESIGN SPEED		14 1/2 KNOTS		CONDENSER COOLING SURFACE 6300 SQ. FT.	
EXPANSION RATIO 13.0		RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main 5		auxiliary -		TYPE: Cylindrical		Working Pressure: main 210 p.s.i.		auxiliary
Dimensions D x L 15.75 x 20.75 (d.e) ft				Total Heating Surface 24500 Sq. Ft.		Total Grate Area 646 Sq. Ft.		
Steam Space Volume - cubic feet				Furnaces: total no 30: dia 3 ft 11 inches: length ft inches				
Boiler Tubes: Diameter inches: length ft inches				Fuel: coal		Draught: Natural Forced		
Propeller(s): No. 2 RH LH: Dia 18.0 ft: pitch 20.25 ft: No. of blades 3				built: solid		material: mang bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 15 3/4 15 16 1/2 inches								
Electric Generators: No. 1: diesel 30 K.W. 3: steam 100 K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 12560		Tons: Draught 19.13		ft: Cb - 0.702		Speed - 13.3 Knots		
I.H.P. 6867		R.P.M. 78.1		Steam Pressure at Engine 198 p.s.i.		Vacuum 27 1/2 inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 284488				Net Profit £ 16655				
CAREER								
Initial Trade:								
Mined near Royal Sovereign lightship.								
on 19th October 1916 - 2 lost.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HELENUS		SHIP No	448		DELIVERY YEAR
Scotts CD	Cargo Liner	SHIP OWNER	Ocean Steamship Co., Liverpool		ENGINE No	509		1913
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	452.0	56.0	35.25	28.06		7555	4810	14917
BALANCE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
520.000	0.74	Clincher	Steel		F&A	B. & T.	3658	2
DATES	Order 24 Jan 1912		Keel Lay 11 June 1912		Launch 3 Oct 1913		Delivery 14 Nov 1913	
Passengers Carried	1st Cl 8 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scott's S & E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 31 5 1/2 86 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw	
N.H.P. 835	I.H.P. 4750		DESIGN SPEED		14 KNOTS		CONDENSER COOLING SURFACE 7200 SQ. FT.	
EXPANSION RATIO	11.1	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main	2	: auxiliary	1	TYPE: Cylindrical		Working Pressure: main 195 p.s.i. auxiliary		
Dimensions D x L 2 x 17.13 x 21.0 (D.E.) 1 x 13.33 x 10.0 ft				Total Heating Surface Main 12880 Aux. 1545 Sq. Ft.		Total Grate Area 286 + 43 Sq. Ft.		
Steam Space Volume - cubic feet				Furnaces: total 16 : no 3 : dia 3 ft 7 inches : length ft. inches				
Boiler Tubes: Diameter inches : length ft inches				Fuel: Coal		Draught: Natural Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 19.75 ft: pitch 20.5 ft: No. of blades 4				built <input checked="" type="checkbox"/> solid		: material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 17 16 1/2 17 13/16 inches								
Electric Generators: No. 2 : 21 3/4 K.W. each: Voltage 65.								
TRIAL INFORMATION								
Displacement 8580 Tons: Draught 17.21 ft.: Cb - 0.697 : Speed - 14.72 Knots								
I.H.P. 5170 R.P.M. 79.2 Steam Pressure at Engine 190 p.s.i.: Vacuum 27.6 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 123590					Net Profit £ 10.000			
CAREER								
Initial Trade:								
1 Dec 1917 - Survived torpedo attack in English Channel.								
30 June 1918 - " " " North Sea.								
3 Mar 1942 - Torpedoed and sunk by U 68 off West Africa.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TATTARAX. (original name) Tecumseh		SHIP No	DELIVERY YEAR			
Scotts CB.	oil tanker	SHIP OWNER	Tank Storage and Carriage Co. London		ENGINE No	1913			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	420.0	55.0	32.83	26.2		6216	3976	13424	9614
OIL/BALL CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCKED STEEL WEIGHT - TONS	No. of Masts		
425000 46440	0.781	Clincher	Steel	Schooner	L.R.	2960	2		
DATES	Order 28 June 1912		Keel Lay 14 Aug 1912		Launch 27 Nov 1913		Delivery 23 Dec 1913		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. W.H. Willis.					
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd				TYPE Steam Quadruple Expansion					
CYLINDER DIAMETERS - 24 35 50 73 INCHES				STROKE 4.25 FT.		PROPULSION MODE Screw			
N.H.P. 321	I.H.P. 2800		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 4000 SQ. FT.		
EXPANSION RATIO 14.06	RATIO		Air Pump Capacity L.P. Cylinder Volume		-		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume
No of Boilers: main 3 : auxiliary 1	TYPE: Cylindrical			Working Pressure: main 220 : auxiliary 120 p.s.i.					
Dimensions D x L 3 x 15.5 x 11.75		ft		Total Heating Surface Main 8100 Aux. 1300		Sq. Ft.		Total Grate Area 170 + 36	
Steam Space Volume (M) 1605		cubic feet		Furnaces: total 9 : no 2 : dia 3 ft 9 1/2		inches : length ft 32		inches	
Boiler Tubes : Diameter		inches : length		ft		inches		Fuel coal Draught : Natural Forced	
Propeller(s) : No. 1		RH LH: Dia 18.0 ft : pitch 17.5		ft : No. of blades 4		built solid		material cast iron	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- all 14 3/8 inches									
Electric Generators : No. 1 : 12 K.W. each : Voltage 100 v.									
TRIAL INFORMATION									
Displacement 12950		Tons : Draught 25.42		ft. : Cb -		Speed - 10.91		Knots	
I.H.P. 2495		R.P.M. 71.2		Steam Pressure at Engine 210		p.s.i. : Vacuum 28		inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 107667.				Net Profit £ 11,546					
CAREER									
Initial Trade :									
On 11 th August 1918 whilst on voyage Port Said/Alexandria with a benzole cargo, Tattarax was sunk by U.C. 34.									
Ship was burnt at sea with loss of all hands.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ORUBIAN.		SHIP No	DELIVERY YEAR			
Scotts' CB.	General Cargo	SHIP OWNER	F. Leyland & Co. Liverpool.		ENGINE No	1914.			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	365.0	47.5	29.5	24.81		3876	2412	9245	6458
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts		
314600	0.76	Clincher	Steel	Schooner	L.R.	1910	2		
DATES	Order 27 Mar 1913		Keel Lay 11 Mar 1913		Launch 15 Dec 1913		Delivery 17 Jan 1914		
Passengers Carried	1st Cl 2		2nd Cl		3rd Cl		Launch Sponsor		
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd.				TYPE Steam Triple Expansion.					
CYLINDER DIAMETERS - 25 $\frac{1}{2}$ 42 $\frac{1}{2}$ 72 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw			
N.H.P. 255	I.H.P. 2500		DESIGN SPEED		CONDENSER COOLING SURFACE 3500 SQ. FT.				
EXPANSION RATIO 11.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -					
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical			Working Pressure: main 200 - auxiliary p.s.i.				
Dimensions D x L 15.75 x 11.5 ft		Total Heating Surface 7779 Sq. Ft.		Total Grate Area 207 Sq. Ft.					
Steam Space Volume 1563 cubic feet		Furnaces: total no 9 : dia 3 ft 10 inches : length ft inches							
Boiler Tubes : Diameter inches : length ft inches		Fuel : Coal		Draught : Natural <input checked="" type="checkbox"/> Forced					
Propeller(s) : No. 1 <input checked="" type="checkbox"/> RH		LH : Dia 17.75 ft : pitch 17.75 ft : No. of blades 4		built <input checked="" type="checkbox"/> solid		material mang. bronze			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 15 14 $\frac{1}{2}$ 15 $\frac{5}{8}$ inches									
Electric Generators : No. 1 : 11.4 K.W. each : Voltage 100 v.									
TRIAL INFORMATION									
Displacement 3460 Tons : Draught 10.83 ft : Cb - 0.70 : Speed - 11.18 Knots									
I.H.P. 1487 R.P.M. 68.9 ^{Throttled} Steam Pressure at Engine 138 p.s.i. : Vacuum 27 $\frac{1}{2}$ inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 68463. Net Profit £ 3952.									
CAREER									
Initial Trade :									
Torpedoed & Sunk by U82 on 31 st July 1917									
160 miles N.W. of Eagle Island.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. AGAPENOR		SHIP No	450		DELIVERY YEAR
Scotts CD.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	511		1914
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	452.0	56.0	35.25	28.06		7565	4800	14917
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
520,000	0.74	Clincher	Steel	Schooner	B.O.T.	3658	2	
DATES	Order 20 Dec 1912		Keel Lay 22 Oct 1912		Launch 16 Jan 1914		Delivery 18 Feb 1914	
Passengers Carried	1st Cl 8		2nd Cl -		3rd Cl -		Launch Sponsor	
MACHINERY								
SUPPLIER Scotts S & E Co., Ltd.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 31 5 1/2 86 INCHES				STROKE 5.0 FT.		PROPULSION MODE Screws.		
N.H.P. 835	I.H.P. 4750		DESIGN RPM		DESIGN SPEED 14 KNOTS		CONDENSER COOLING SURFACE 7700 SQ. FT.	
EXPANSION RATIO 11.0	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 2	: auxiliary 1		TYPE: Cylindrical			Working Pressure: main 195 p.s.i.		
Dimensions D x L 2 x 17.13 x 21.0 (D.E.)			Total Heating Surface 12880		Aux. 1545 Sq. Ft.		Total Grate Area 287+43 Sq. Ft.	
Steam Space Volume - cubic feet			Furnaces: total 16		no 3		dia 3 ft 0 inches: length 1 ft 0 inches	
Boiler Tubes: Diameter inches: length ft			inches		Fuel: Coal		Draught: Natural	
Propeller(s): No. 1			RH LH: Dia 19.75 ft: pitch 20.5 ft: No. of blades 4		built solid		: material bronze	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 17 16 1/2 17 13/16 inches								
Electric Generators: No. 2 : 21 3/4 K.W. each: Voltage 65v								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb -		Speed - Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine		p.s.i.: Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 129497.				Net Profit £ 15,000				
CAREER								
Initial Trade:								
Sunk off Freetown, W. Africa by U 87 on 11 th October 1942.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHENGTU.	SHIP No 455	DELIVERY YEAR
Scott's	General Cargo	SHIP OWNER	China Navigation Co. London.	ENGINE No 517	1914

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	285.0	44.0	20.0	16.72		2219	1338	4540	2959

SALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
136828	0.76	Clincher	Steel	Schooner	B.o.T.	985	2

DATES	Order 22 Jul 1913	Keel Lay 14 Mar 1913	Launch 28 Feb 1914	Delivery 2 Apr 1914
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Passengers Carried	1st Cl 2	2nd Cl	3rd Cl 48 Chinese	Launch Sponsor
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MACHINERY

SUPPLIER	Scott's. S&E Co. Ltd	TYPE	Steam Triple Expansion
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CYLINDER DIAMETERS - 19 31 53 INCHES	STROKE 3.25 FT.	PROPULSION MODE	Screw
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N.H.P. 139	I.H.P. 1100	DESIGN SPEED	9 1/2 KNOTS	CONDENSER COOLING SURFACE	930 SQ. FT.
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EXPANSION RATIO 12.1	RATIO	Air Pump Capacity L.P. Cylinder Volume = -	RATIO	S.W. Circ. Pump Capacity L.P. Cylinder Volume = -
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No of Boilers: main 1 : auxiliary 1	TYPE: 1-Cyl. 1-Cochran	Working Pressure: main 190 : auxiliary 100 p.s.i.
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Dimensions D x L 1 x 16.58 x 12.5	Total Heating Surface 3732	Aux. 720	Total Grate Area 82 + 32
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Steam Space Volume (M) 612 cubic feet	Furnaces: total 4 : dia 3 9 inches : length 9 ft
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Boiler Tubes: Diameter inches : length ft	Fuel: Coal	Draught: Natural Forced <input checked="" type="checkbox"/>
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Propeller(s): No. 1 RH	LH: Dia 13.75 ft : pitch 13.76 ft	No. of blades 4	built solid <input checked="" type="checkbox"/>	: material bronze
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Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-	10 3/8 9 7/8 11 3/8 inches
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Electric Generators: No. 1 : 7	K.W. each: Voltage 100 v.
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TRIAL INFORMATION

Displacement 2516 Tons	Draught 9.97 ft	Cb - 0.72	Speed - 11.96 Knots
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I.H.P. 1432 R.P.M. 92.5	Steam Pressure at Engine 185 p.s.i.	Vacuum 26 inches Hg
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CONTRACT OUTCOME

Invoice Price £48416	Net Profit £3325.
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CAREER	Hull construction subcontracted to Dunlop, Bremner, Port Glasgow
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Initial Trade:	China Coaster.
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25 Dec 1941 - Scuttled at Hong Kong.

Dec 1942 - Raised by Japanese & renamed SEITO MARU

26 Oct 1944 - Struck Australian mine & sank near

Kota Baru in Southern Makassar Strait:

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MUNWOOD		SHIP No	457	DELIVERY YEAR		
Scotts CB.	General Cargo	SHIP OWNER	Crossburn Steamship Co. Glasgow.		ENGINE No	520	1914		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	345.0	47.8	26.5	22.31		3190	2036	7586	5246
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
262320	0.73	Clincher	Steel		Schooner	B.C.	1538	2	
DATES	Order 7 Oct 1913		Keel Lay 21 Oct 1913		Launch 7 May 1914		Delivery 5 June 1914		
Passengers Carried	1st Cl. 1 2nd Cl. - 3rd Cl. -				Launch Sponsor				
MACHINERY									
SUPPLIER Scotts, S & E Co. Ltd.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 25½ 41½ 68 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 233	I.H.P. 2500		DESIGN SPEED		12 KNOTS		CONDENSER COOLING SURFACE 3100 SQ. FT.		
EXPANSION RATIO	12.1	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main	3	: auxiliary	TYPE: Cylindrical			Working Pressure		main 180 p.s.i. auxiliary	
Dimensions D x L 14.0 x 11.5 ft				Total Heating Surface		6501 Sq. Ft.		Total Grate Area 150 Sq. Ft.	
Steam Space Volume 1203 cubic feet				Furnaces: total no 9 : dia 3 ft 4 inches : length ft 22 inches					
Boiler Tubes : Diameter inches : length ft				Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>			
Propeller(s) : No. 1 ^{RH} LH: Dia 17.25 ft : pitch 16.75 ft : No. of blades 4				built <input checked="" type="checkbox"/> solid		: material bronze			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 13½ 12½ 14¾ inches									
Electric Generators : No. 1 : 8.5 K.W. each : Voltage 100 v									
TRIAL INFORMATION									
Displacement 7574		Tons : Draught 22.3 ft		Cb - 0.726		Speed - 12.89 Knots			
I.H.P. 2678		R.P.M. 82.0		Steam Pressure at Engine 185 p.s.i.		Vacuum 24.3 inches Hg			
CONTRACT OUTCOME									
Invoice Price £56737					Net Profit £5630				
CAREER									
Initial Trade: New York - Cuba									
Transferred to U.S. flag - 12 th July 1915									
Sold to Yugoslavia - 1928 & renamed Vila.									
Sunk by collision - 1935									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CHUSAN.		SHIP No	458		DELIVERY YEAR
Scotts CB	General Cargo	SHIP OWNER	China Navigation Co., London		ENGINE No	521.		1914
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	285.0	44.0	20.0	16.72		2217	1338	4540
BALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
120798	0.76	Clincher	Steel		Schooner	B.O.T.	985	2
DATES	Order 25 Sep. 1913		Keel Lay 14 Oct 1913		Launch 5 June 1914		Delivery 26 June 1914.	
Passengers Carried	1st Cl 2		2nd Cl		3rd Cl 48 Chinese		Launch Sponsor	
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 19 31½ 53 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw.	
N.H.P. 139	I.H.P. 1100		DESIGN SPEED		9½ KNOTS		CONDENSER COOLING SURFACE 930 SQ. FT.	
EXPANSION RATIO 12.1		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		-		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$		-
No of Boilers: main 1		: auxiliary 1		TYPE: 1 Cyl. 1 Cochran.		Working Pressure: main 190 : auxiliary 100 p.s.i.		
Dimensions D x L 1 x 16.58 x 12.5 7.5 x 16.25 high. ft				Total Heating Surface Main 3732		Aux. 720		Total Grate Area 82 + 32 Sq. Ft.
Steam Space Volume (M) 612 cubic feet				Furnaces: total 4 : no 1		dia 3 ft - inches		length 9 ft - inches
Boiler Tubes: Diameter inches				length ft		Fuel: Coal		Draught: Natural Forced ✓
Propeller(s): No. 1 ✓ RH LH: Dia 13.75 ft: pitch 13.76 ft				No. of blades 4		built solid ✓		: material bronze
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				10½ 9½ 11½		inches		
Electric Generators: No. 1				: 7		K.W. each: Voltage 100 v.		
TRIAL INFORMATION								
Displacement 2310		Tons: Draught 9.1		ft.: Cb - 0.72		: Speed - 11.74 Knots		
I.H.P. 1236		R.P.M. 92.15		Steam Pressure at Engine 178		p.s.i.: Vacuum 27		inches Hg
CONTRACT OUTCOME								
Invoice Price £ 42214.				Net Profit £ 3175				
CAREER								
Initial Trade: China Coaster.								
1st October 1932 - stranded on rocks at Waihaiwei.								
- pounded to pieces & sank.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TRANSYLVANIA.		SHIP No 451	DELIVERY YEAR			
Scotts S & E Co. Ltd. Q.	Cargo passenger	SHIP OWNER	Cunard Steamship Co. Liverpool		ENGINE No 512	1914.			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	548.0	66.25	37.0	30.44		14315	8714	21986	11178
SALE CAPACITY m.t. ton	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
361160	0.76	Clincher	Steel.	Schooner.	L.R. B.o.T.	6561	2		
DATES	Order 8 Nov 1912		Kel Lay	4 Mar 1913	Launch 23 May 1914	Delivery 14 Oct 1914			
Passengers Carried	1st CI 343 2nd CI 180 3rd CI 1858				Launch Sponsor	Mrs. A.C.F. Henderson Glasgow			
MACHINERY									
SUPPLIER		TYPE							
Scotts S & E Co. Ltd.		Parsons Steam Turbines { h.p. + l.p. (incorp astern) }							
GEARING Single Reduction						PROPULSION Twin MODE Screw.			
SHP 8000 DESIGN RPM			DESIGN SPEED 14 KNOTS DESIGN VACUUM INCHES Hg		CONDENSER COOLING SURFACE 8508 SQ. FT.				
No of Boilers: main 6 : aux -		TYPE Cylindrical (D.E.)				Working Pressure & Temp 210 p.s.i. °F			
Cylindrical Boilers	Dimensions D x L 16.0 x 21.0 ft			Total Heating Surface 30,768 Sq. Ft.		Total Grate Area 7925 Sq. Ft.			
	Steam Space Volume cubic feet		Furnaces: total no : dia ft inches : length ft inches						
	Boiler Tubes: Diameter inches : length ft inches								
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume cubic feet		Fuel: Coal		Draught: Natural <input checked="" type="checkbox"/> Forced		
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 15.75 ft: pitch 14.0 ft: No. of blades 4 built <input checked="" type="checkbox"/> solid <input type="checkbox"/> mang. : material bronze.									
Shafting: intermediate shaft, tail shaft diameters :- 15 ³ / ₈ , 16 ¹ / ₂ inches									
Electric Generators: No. x type x K.W. each - 3 x 110 KW. Voltage 110 d.c.									
TRIAL INFORMATION									
Displacement 16055 Tons: Draught 23.25 ft: Cb - 0.672 : Speed - 16.14 Knots									
S.H.P. 8740 R.P.M. 126.5 Steam Pressure 208 p.s.i. : & Temp. at Engine - °F : Vacuum 27.5 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 365011.					Net Profit £ 35815.				
CAREER									
Initial Trade: Intended for Cunard Mediterranean - U.S.A. service									
but sold on delivery to Anchor Line.									
Trooper during the First World War in Mediterranean									
with capacity for 200 officers & 2800 troops.									
4 th May: Torpedoed in Gulf of Genoa by U.63 with loss of									
1917 402 soldiers & 12 crew.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. MENTOR				SHIP No	459		DELIVERY YEAR
Scotts C.D.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool				ENGINE No	522		1914
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	452.0	56.0	35.25	28.06		7585	4798	14917	9777	
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
520,000	0.74	Clincher	Steel		Schooner	B.o.T.		3658	2	
DATES	Order 25 Dec. 1913		Keel Lay 14 th Oct 1913		Launch 5 Sept 1914		Delivery 7 Nov 1914			
Passengers Carried	1st Cl 8 2nd Cl - 3rd Cl -				Launch Sponsor Mrs Darroch of Gourock					
MACHINERY										
SUPPLIER Scotts' S & E Co. Ltd					TYPE Steam Triple Expansion					
CYLINDER DIAMETERS - 31 5 1/3 86 INCHES					STROKE 5.0 FT.		PROPULSION MODE Screw			
N.H.P. 835	I.H.P. 4750		DESIGN RPM		DESIGN SPEED 14 KNOTS		CONDENSER COOLING SURFACE 7700 SQ. FT.			
EXPANSION RATIO 11.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$					
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical				Working Pressure: main 195 p.s.i. : auxiliary				
Dimensions D x L 2 x 17.13 x 21.0 (D.E.) 1 x 13.33 x 10.0 ft				Total Heating Surface Main 12880 Aux 1545 Sq. Ft.			Total Grate Area 287 + 43 Sq. Ft.			
Steam Space Volume - cubic feet				Furnaces: total 16 : no 3 : dia 3 ft 0 inches : length ft inches						
Boiler Tubes: Diameter inches : length ft inches				Fuel: coal		Natural Draught: Forced <input checked="" type="checkbox"/>				
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH LH: Dia 19.75 ft: pitch 20.5 ft: No. of blades 4 : built <input checked="" type="checkbox"/> solid : material bronze										
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 17 16 1/2 17 1/2 inches										
Electric Generators: No. 2 : 21 3/4 K.W. each: Voltage 65 v.										
TRIAL INFORMATION										
Displacement 8580 Tons: Draught 17.21 ft: Cb - 0.697 : Speed - 14.72 Knots										
I.H.P. 5170 R.P.M. 79.2 Steam Pressure at Engine 195 p.s.i.: Vacuum 27.6 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 128805 Net Profit £ 10,000										
CAREER										
Initial Trade:										
Sunk by U.106 on 28 th May 1942 off Key West, Florida.										
7 Killed										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SINKIANG			SHIP No 461	DELIVERY YEAR	
Scotts CB	General Cargo	SHIP OWNER	China Navigation Co. London			ENGINE No 524	1915	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	310.0	41.0	24.75	18.14		2646	1616	4836
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
170,000	0.74	Clincher	Steel		Schooner	B.O.T.	1141	2
DATES	Order 16 June 1914		Keel Lay 2 June 1914		Launch 21 Dec 1914		Delivery 16 Feb 1915	
Passengers Carried	1st Cl 28 Chinese 2nd Cl - 3rd Cl 64					Launch Sponsor		
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Triple Expansion.			
CYLINDER DIAMETERS - 22 35 56 INCHES					STROKE 3.25 FT.	PROPULSION MODE Screw		
N.H.P. 162	I.H.P. 1400 DESIGN RPM		DESIGN SPEED		11 KNOTS	CONDENSER COOLING SURFACE 1306 SQ. FT.		
EXPANSION RATIO	10.2	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		= -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ = -		
No of Boilers: main	1	: auxiliary	1	TYPE: 1 cyl. with NE. Superheater Cochran 1710 sq. ft.		Working : main 200 Pressure : auxiliary 100 p.s.i.		
Dimensions D x L			1 x 17.75 x 12.75 1 x 7.5 x 16.3 high ft		Total Heating Surface	M 4250 A 730 Sq. Ft.	Total Grate Area 82+32 Sq. Ft.	
Steam Space Volume (M)			693 cubic feet		Furnaces: total no	: dia ft	inches: length ft	inches
Boiler Tubes: Diameter			inches: length ft		inches	Fuel: coal	Natural Draught: Forced <input checked="" type="checkbox"/>	
Propeller(s): No. 1			RH LH: Dia 14.0 ft: pitch 13.83 ft: No. of blades 4		built : solid <input checked="" type="checkbox"/>	: material bronze.		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 11 $\frac{1}{2}$ 10 $\frac{7}{8}$ 12 $\frac{5}{8}$ inches								
Electric Generators: No. 1 : 9 K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 2760			Tons: Draught 11.08 ft: Cb - 0.693		Speed - not taken Knots			
I.H.P. 1370 R.P.M. 103			Steam Pressure at Engine 152 p.s.i.:		Vacuum 26.5 inches Hg			
CONTRACT OUTCOME								
Invoice Price £49568					Net Profit £3000			
CAREER								
Initial Trade: China Coaster.								
6 th April 1942 - Bombed and sunk in Bay of Bengal								
by Japanese aircraft when on voyage								
Calcutta - Colombo.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. SIR JOHN MOORE		SHIP No	469		DELIVERY YEAR
Scotts CD.	Naval Monitor	SHIP OWNER	Admiralty		ENGINE No	532		1915
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	320.0	86.88	19.0	10.0		—	—	5906
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.74		Steel	—	—	—	2	
DATES	Order 23 Dec 1914		Keel Lay 13 Jan 1915		Launch 31 May 1915		Delivery 20 Jul 1915	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 16 26 42 INCHES					STROKE 2.25 FT.		PROPULSION MODE Twin Screw	
N.H.P.	I.H.P. 2500		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.	
DESIGN RPM 200								
EXPANSION RATIO	9.82	RATIO		Air Pump Capacity LP. Cylinder Volume = —		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = —
No of Boilers: main	2	: auxiliary	—			TYPE: B & W water tube		Working Pressure: main 200 p.s.i. auxiliary
Dimensions D x L		—		ft		Total Heating Surface 7944 Sq. Ft.		Total Grate Area 263 Sq. Ft.
Steam Space Volume		182		cubic feet		Furnaces: total no		: dia ft inches: length ft inches
Boiler Tubes: Diameter		inches: length		ft inches		Fuel: coal		Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 2 [✓] RH [✓] LH: Dia 7.5 ft: pitch 8.75 ft: No. of blades 3		built: solid <input checked="" type="checkbox"/>						: material bronze
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: — 8 ³ / ₄ 8 ¹ / ₂ 9 inches								
Electric Generators: No. 2 : K.W. each: Voltage								
TRIAL INFORMATION								
Displacement 5935		Tons: Draught 10.17		ft: Cb —		Speed — 7.75		Knots
I.H.P. 2600		R.P.M. 189.7		Steam Pressure at Engine 180		p.s.i.: Vacuum 25		inches Hg
CONTRACT OUTCOME								
Invoice Price £197453				Net Profit £45348				
CAREER								
Initial Trade:								
Spent most of the period 1915-8								
as part of the Dover Squadron								
bombarding German occupied territory								
Scrapped - Bremen, Germany 1922.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. BLUEBELL		SHIP No	466	DELIVERY YEAR		
Scotts CD	Mine Sweeper	SHIP OWNER	Admiralty		ENGINE No	530	1915		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	250.0	33.0	18.0	11.00		869	414	1207	-
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.46	Clincher	Steel		Schooner	-	-	2	
DATES	Order 16 Dec 1914		Keel Lay 11 Feb 1915		Launch 24 Jul 1915		Delivery 25 Aug 1915		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Scotts, S & E Co. Ltd					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 21½ 35 57 INCHES					STROKE 2.25 FT.		PROPULSION MODE Screw		
N.H.P. -	I.H.P. 2200		DESIGN SPEED		16½ KNOTS		CONDENSER COOLING SURFACE 2300 SQ. FT.		
EXPANSION RATIO	10.0	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$				
No of Boilers: main 2 : auxiliary -		TYPE: Cylindrical				Working Pressure: main 180 : auxiliary - p.s.i.			
Dimensions D x L 15.5 x 11.5 ft				Total Heating Surface 6314 Sq. Ft.		Total Grate Area 148 Sq. Ft.			
Steam Space Volume 934 - cubic feet				Furnaces: total no 6 : dia 4 ft 0 inches : length 11 ft 0 inches					
Boiler Tubes: Diameter 2½ inches : length 7 ft 9½ inches				Fuel: coal		Draught: Natural Forced ✓			
Propeller(s): No. 1 ✓ RH LH: Dia 9.5 ft : pitch 12.5 ft : No. of blades 4				built solid ✓		material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10½ 9½ 10½ inches									
Electric Generators: No. 2 : 26¼ K.W. each: Voltage 105 ✓									
TRIAL INFORMATION									
Displacement 1172		Tons: Draught 10.83 ft: Cb - 0.46		Speed - 17.64 Knots					
I.H.P. 2483		R.P.M. 172.6		Steam Pressure at Engine 170 p.s.i.:		Vacuum 28½ inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 64370				Net Profit £ 14236					
CAREER									
Initial Trade:									
Scrapped by Cashmore, Newport. Mon - 1929.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. MAGNOLIA		SHIP No	470		DELIVERY YEAR
Scotts CB	Mine Sweeper	SHIP OWNER	Admiralty		ENGINE No	529		1915
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	250.0	33.0	18.0	11.00		869	414	1207
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.46	Clincher	Steel		Schooner	-		2
DATES	Order 12 Jan 1915		Keel Lay 11 Feb 1915		Launch 26 June 1915		Delivery 9 Sept 1915	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scotts, S & E Co. Ltd.					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 21½ 35 57 INCHES					STROKE 2.25 FT.		PROPULSION MODE Screw	
N.H.P. -	I.H.P. 2200		DESIGN SPEED		16½ KNOTS		CONDENSER COOLING SURFACE 2300 SQ. FT.	
EXPANSION RATIO	10.0	RATIO		Air Pump Capacity L.P. Cylinder Volume		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main	2	: auxiliary		TYPE: Cylindrical		Working Pressure: main 180 p.s.i. : auxiliary		
Dimensions D x L 15.5 x 11.5 ft				Total Heating Surface		6314 Sq. Ft.		Total Grate Area 148 Sq. Ft.
Steam Space Volume 934 cubic feet				Furnaces: total no 6 : dia 4 ft 0 inches : length ft inches				
Boiler Tubes: Diameter 2½ inches : length 7 ft 9½ inches				Fuel coal		Draught: Natural Forced ✓		
Propeller(s): No. 1 ✓ RH LH: Dia 9.5 ft : pitch 12.5 ft : No. of blades 4				built solid ✓		: material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 10½ 9½ 10½ inches								
Electric Generators: No. 2 : 26¼ K.W. each : Voltage 105 v								
TRIAL INFORMATION								
Displacement 1166 Tons : Draught 10.8 ft : Cb - 0.46 : Speed - 16.49 Knots								
I.H.P. 2179 RPM. 164.9 Steam Pressure at Engine 162 p.s.i. : Vacuum 27.1 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 68168				Net Profit £ 18537.				
CAREER								
Initial Trade:								
Scrapped by Metal Industries, Charleston - 1932								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS DAFFODIL		SHIP No	467	DELIVERY YEAR		
Scotts CD	Mine Sweeper	SHIP OWNER	Admiralty		ENGINE No	533	1915		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	250.0	33.0	18.0	11.00		869	414	1207	-
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.46	Clincher	Steel		Schooner	-	-	2	
DATES	Order 16 Dec 1914		Keel Lay	11 Feb 1915	Launch	17 Aug 1915	Delivery 13 Sept 1915		
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor		
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 21½ 35 57 INCHES					STROKE 2.25 FT.		PROPULSION MODE Screw		
N.H.P. -	I.H.P. 2200		DESIGN RPM		DESIGN SPEED		CONDENSER COOLING SURFACE 2300 SQ. FT.		
EXPANSION RATIO 10.0		RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 2		auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. auxiliary		
Dimensions D x L 15.5 x 11.5 ft				Total Heating Surface 6314 Sq. Ft.		Total Grate Area 148 Sq. Ft.			
Steam Space Volume 934 cubic feet				Furnaces: total no 6 : dia 4 ft 0 inches : length ft 10 inches					
Boiler Tubes : Diameter 2½ inches : length 7 ft 9½ inches				Fuel: coal		Draught: Natural Forced ✓			
Propeller(s) : No. 1 ✓ RH LH: Dia 9.5 ft : pitch 12.5 ft : No. of blades 4				built solid ✓		material bronze			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10½ 9½ 10½ inches									
Electric Generators : No. 2 : 26¼ K.W. each : Voltage 105 ✓									
TRIAL INFORMATION									
Displacement 1162 Tons		Draught ft. : C _b - 0.46		Speed 17.1 Knots					
I.H.P. 2398		R.P.M. 169.6		Steam Pressure at Engine 165 p.s.i.		Vacuum 27.8 inches Hg			
CONTRACT OUTCOME									
Invoice Price £64305					Net Profit £17515				
CAREER									
Initial Trade :									
Scrapped by Cashmore, Newport, Mon - 1929.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S/M: E.31	SHIP NO	DELIVERY YEAR
Scotts S&E Co Ltd CB	Submarine	SHIP OWNER	Admiralty	463	1915
				ENGINE NO	
				526	

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT-Tons		MAX. SPEED.	
	181.25	22.54	15.04	12.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.496		Submerged 0.444		690	837	14.0	9.5
Dates.	Order: 11 Nov. 1914		Keel Lay: 15 Dec 1914		Launch: 23 Aug 1915		Delivery: 23 Dec 1915.	
MAIN ENGINES. (VICKERS)	(2) Vickers design, 4 stroke single acting - 8 cylinders, 14½" bore, 15" stroke each developing 800 bhp. at 380 vpm.							
MAIN MOTORS (LAURENCE, SCOTT)	(2) Electric propulsion motors, each 420 bhp at 280 v.p.m.							
BATTERIES.	224 cells.							
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.58 ft. : Pitch 5.08 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All 7 inches diameter.							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	13.2 ft:	Speed.	- 12.45 knots.
B.H.P.	R.P.M.	333.			

CONTRACT OUTCOME.

Invoice Price.	£ 76919.	Net Profit.	£ 8089.
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1922 - Scrapped by Young, Sunderland.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. OBEDIENT.				SHIP No 464	DELIVERY YEAR
Scotts S & E Co Ltd. CB	Destroyer.	SHIP OWNER	Admiralty.				ENGINE No 527.	1916
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	265.0	26.7	16.25	9.25		792	356	1123
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
—	0.59	Clincher	Steel.		—	—		337
DATES	Order 27 Nov. 1914		Keel Lay 8 Dec 1914		Launch 5 Nov 1915		Delivery 4 Feb 1916	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor —			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd.		TYPE Parsons Steam Turbines { h.p. on centre shaft l.p. and 2 astern on wing shafts }						
GEARING None fitted.						PROPULSION MODE Triple Screws		
SHP 25000 DESIGN RPM 750		DESIGN SPEED 34 KNOTS DESIGN VACUUM 27 INCHES Hg		CONDENSER COOLING SURFACE 10542 SQ. FT.				
No of Boilers: main 3 : aux —		TYPE Yarrow water tube - 3 drum				Working Pressure & Temp 250 p.s.i. Satn. °F		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
	Boiler Tubes: Diameter		inches : length ft inches					
Watertube Boilers	Total Heating Surface 24600 Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel - Oil	Draught: Natural Forced ✓
Propeller(s): No. 3 ^{2 RH} LH: Dia 6.25 ft: pitch 6.2 wings ft: No. of blades 3 built : solid ✓ : material bronze								
Shafting: intermediate shaft, tail shaft diameters :- (8 - 4 ⁵ / ₈) inches								
Electric Generators: No. x type x K.W. each 1 - 26 ¹ / ₂ KW steam. Voltage 104 d.c.								
TRIAL INFORMATION								
Displacement 893 Tons: Draught 7.83 ft: Cb - 0.56 : Speed - 34.97 Knots								
S.H.P. 25000 + R.P.M. 769 Steam Pressure 202 p.s.i. : Vacuum 27.16 inches Hg : & Temp. at Engine °F								
CONTRACT OUTCOME								
Invoice Price £158161. Net Profit £14100.								
CAREER								
Initial Trade:								
Scrapped 1921/2 - Hayes, Porthcawl.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. OBDURATE		SHIP No	465	DELIVERY YEAR
Scotts' S&E Co Ltd. CB	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	528	1916
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	265.0	26.7	16.25	9.25		792	356
DISPLACEMENT				1123			
DEADWEIGHT				—			
BASE CAPACITY	C _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
—	0.59	Clincher	Steel.	—	—	—	337
DATES	Order 27 Nov 1914		Keel Lay 19 Feb 1915		Launch 21 Jan 1916		Delivery 30 May 1916
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor —		
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines { h.p. on centre shaft. l.p. and a stern on wing shafts }				
GEARING	None fitted					PROPULSION MODE Triple Screws	
SHP	25000		DESIGN SPEED		34 KNOTS		
DESIGN RPM	750		DESIGN VACUUM		27 INCHES Hg		
CONDENSER COOLING SURFACE	10542 SQ. FT.						
No of Boilers: main 3 : aux —	TYPE Yarrow water tube - 3 drum					Working Pressure & Temp 250 psi Satn. °F	
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches
	Boiler Tubes: Diameter		inches: length ft		inches		
Watertube Boilers	Total Heating Surface		24600 Sq. Ft.		Combustion Space Volume		cubic feet
Fuel - Oil	Draught: Natural Forced ✓						
Propeller(s): No. 3	2 RH 1 LH: Dia 6.25 ft: pitch 6.2 wings ft: No. of blades 3		built solid ✓		material bronze		
Shafting: intermediate shaft, tail shaft diameters :-	(8 - 4 1/2) inches						
Electric Generators: No. x type x K.W. each 1-26 1/4 KW steam.	Voltage 104 d.c.						
TRIAL INFORMATION							
Displacement	914 Tons		Draught 7.94 ft		R: Cb - 0.57		Speed - 33.9 Knots
S.H.P. 25000 + R.P.M. 745	Steam Pressure & Temp. at Engine		191 psi		Vacuum		27.01 inches Hg
CONTRACT OUTCOME							
Invoice Price £ 143573.	Net Profit £ 12796						
CAREER							
Initial Trade:							
Scrapped Newport, Mon (Cashmore). - 1922.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. PALADIN.		SHIP No	DELIVERY YEAR	
Scotts S&E Co. Ltd. CB	Destroyer	SHIP OWNER	Admiralty.		471	1916	
ENGINE No 534							
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	265.0	26.7	16.25	9.25		792	356
							Displacement 1123
							Deadweight -
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.59	Clincher	Steel.	-	-	337	-
DATES	Order 27 Feb 1915		Keel Lay 1 Jun 1915	Launch 27 Mar. 1916	Delivery 31 May 1916		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -		Launch Sponsor -				
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines {h.p. on centre shaft. l.p. aft & astern on wing shafts}				
GEARING	Cruising turbines geared to wing shafts.					PROPULSION MODE Triple Screw.	
	SHP 25000		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 10542 SQ. FT.		
	DESIGN RPM 750		DESIGN VACUUM 27 INCHES Hg				
No of Boilers: main 3 : aux -	TYPE Yarrow watertube 3-drum.					Working Pressure & Temp 250 p.s.i. satn. °F	
Cylindrical Boilers	Dimensions D x L		Total Heating Surface		Total Grate Area		
	ft		Sq. Ft.		Sq. Ft.		
	Steam Space Volume cubic feet		Furnaces : total no : dia ft inches : length ft inches				
Boiler Tubes : Diameter		inches : length ft inches					
Watertube Boilers	Total Heating Surface 24600 Sq. Ft.		Combustion Space Volume cubic feet		Fuel : Oil		Natural Draught : Forced ✓
Propeller(s) : No. 3		2 RH 1 LH : Dia 6.25 ft : pitch 6.2 wings ft : No. of blades		built : solid ✓		: material bronze	
Shafting : intermediate shaft, tail shaft diameters :- (8 - 4 5/8) hollow inches							
Electric Generators : No. x type x K.W. each 1 - 26 1/4 kw steam. Voltage 104 d.c.							
TRIAL INFORMATION							
Displacement 914 Tons : Draught 7.96 ft. : Cb - 0.568		: Speed - 33.88 Knots					
S.H.P. 25000 R.P.M. 745		Steam Pressure : & Temp. at Engine 195 p.s.i. of		: Vacuum 27.05 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 145724				Net Profit £ 12959			
CAREER							
Initial Trade :							
Scrapped by Ward, Rainham - 1921.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S/M. SWORDFISH.				SHIP N°	DELIVERY YEAR.
Souths S&E Co. Ltd CB	Submarine	SHIP OWNER	Admiralty				456	1916
							ENGINE N°	
							518	
TECHNICAL INFORMATION.								
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.(K)	
	231.21	22.73	18.3	12.42	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.505		Submerged 0.531		904	1117	18	10
Dates.	Order: 9 Sept 1913		Keel Lay: 28 Feb 1914		Launch: 18 Mar 1916		Delivery: 25 Jul 1916	
MAIN ENGINES.	Twin screw Parsons steam turbines with single reduction gearing, each set comprising HP&L.P. turbines (astern incorporated in L.P. cylinder.) and developing 2000 shp/set. Turbine r.p.m. - 3500. Propeller r.p.m - 550.							
BOILER.	One watertube Yarrow type, with forced draught & oil fired - steam 250psi. 510° Subht outlet.							
(Lawrence Scott) MOTORS	2 Electric propulsion motors, each 700 shp at 365 r.p.m (doubling as generators)							
BATTERIES.	(2) total number of cells - 128. (Chloride Elec. Storage Co.)							
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.67 ft. : Pitch 4.58 ft. No. of blades 3 : material - bronze							
SHAFTING.	All (5 ¹⁵ / ₁₆ - 3 ¹¹ / ₁₆) inches diameter: (hollow)							
TRIAL INFORMATION.								
Displacement. - Tons: Draught. 4.98 ft : Speed. - 16.93 knots.								
B.H.P. 3235 R.P.M. 498.								
CONTRACT OUTCOME.								
Invoice Price. £ 206401 Net Profit. - £ 9633.								
CAREER.								
This vessel was built as a design experiment and was effectively a forerunner of the later & much larger 'K' class submarines.								
She was the Royal Navy's first steam turbine propelled submarine.								
Converted 1918 to a patrol vessel.								
Scrapped 1922 at Portsmouth.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. PLUCKY.		SHIP No	474		DELIVERY YEAR
Scotts S&E Co Ltd. CD.	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	535		1916
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	265.0	26.7	16.25	9.25		792	356	1123
BALL CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		DRYDOCK STEEL WEIGHT - TONS
—	0.59	Clincher	Steel.		—	—		337
DATES	Order 15 May 1915		Keel Lay 4 Aug 1915		Launch 21 Apr 1916		Delivery 10 Aug 1916	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor —			
MACHINERY								
SUPPLIER		Scotts S&E Co. Ltd.		TYPE		Parsons Steam Turbines { h.p. on centre shaft. l.p. and 2 eastern wing shafts }		
GEARING						Cruising turbines geared to wing shafts		
PROPULSION MODE						Triple Screws		
SHP		25 000		DESIGN SPEED		34 KNOTS		
DESIGN RPM		750		DESIGN VACUUM		27 INCHES Hg		
CONDENSER COOLING SURFACE		10542 SQ. FT.						
No of Boilers: main 3 : aux —		TYPE				Yarrow water tube - 3 drum		
Working Pressure & Temp		250 p.s.i. Satn. °P						
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches	
	Boiler Tubes: Diameter		inches: length ft		inches			
Watertube Boilers	Total Heating Surface		24600 Sq. Ft.		Combustion Space Volume.		cubic feet	
Fuel - Oil		Draught: Natural Forced ✓						
Propeller(s): No. 3		2 RH 1 LH: Dia 6.25 ft: pitch 6.2 wings ft: No. of blades 3		built: solid ✓		: material bronze		
Shafting: intermediate shaft, tail shaft diameters:— (8 - 4 ⁵ / ₈) inches								
Electric Generators: No. x type x K.W. each 1-26 ¹ / ₂ KW steam.						Voltage 104 d.c.		
TRIAL INFORMATION								
Displacement		898 Tons: Draught 8.0 ft: Cb - 0.56		: Speed - 33.97 Knots				
S.H.P. 25000 R.P.M. 740.4		Steam Pressure: & Temp. at Engine		125 p.s.i. °F		: Vacuum 27.18 Inches Hg.		
CONTRACT OUTCOME								
Invoice Price £ 143,557				Net Profit £ 12806.				
CAREER								
Initial Trade:								
9 May 1921 - sold to Ward, Preston.								
1924 - Scrapped.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. PARTHIAN.		SHIP No	472	DELIVERY YEAR
Scotts' S&E Co Ltd. CB	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	537	1916
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	265.0	26.7	16.25	9.25		792	356
							Displacement
							1123
							Deadweight
							—
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
—	0.59	Clincher	Steel.	—	—	337	—
DATES	Order 27 Feb. 1915		Keel Lay 11 Aug. 1915		Launch 3 July 1916		Delivery 13 Sept 1916
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor		
MACHINERY							
SUPPLIER	Scotts' S&E Co. Ltd.		TYPE Parsons Steam Turbines { h.p. on centre shaft l.p. and eastern on wing shafts. }				
GEARING	Cruising Turbines geared to wing shafts					PROPULSION MODE Triple Screws	
	SHP 25000		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 10542 SQ. FT.		
	DESIGN RPM 750		DESIGN VACUUM 27 INCHES Hg				
No of Boilers: main 3 : aux —	TYPE Yarrow water tube - 3 drum					Working Pressure & Temp 250 psi Satn. °F	
Cylindrical Boilers	Dimensions D x L		Total Heating Surface		Total Grate Area		
	ft		Sq. Ft.		Sq. Ft.		
	Steam Space Volume — cubic feet		Furnaces: total no : dia — ft : inches : length ft : inches				
Boiler Tubes: Diameter — inches : length — ft : inches							
Water tube Boilers	Total Heating Surface — 24600 Sq. Ft.		Combustion Space Volume. cubic feet		Fuel - Oil		Draught: Natural Forced ✓
Propeller(s): No. 3 2 RH 1 LH: Dia 6.25 ft: pitch 6.2 wings ft: No. of blades 3 built solid ✓ : material bronze							
Shafting: intermediate shaft, tail shaft diameters: — (8 - 4 5/8) inches							
Electric Generators: No. x type x K.W. each 1-26 1/4 kW steam. Voltage 104 d.c.							
TRIAL INFORMATION							
Displacement 938 Tons: Draught 8.18 ft: Cb - 0.55 : Speed - 35.09 Knots							
S.H.P. 25000 + R.P.M. 768 : Steam Pressure 200 psi : Vacuum 26.85 inches Hg							
: & Temp. at Engine — °F							
CONTRACT OUTCOME							
Invoice Price £ 147108.				Net Profit £ 13114.			
CAREER							
Initial Trade:							
1921 - Scrapped in Germany.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. PORTIA.		SHIP No 475	DELIVERY YEAR					
Scotts S & E Co. Ltd CD.	Destroyer	SHIP OWNER	Admiralty.		ENGINE No 538	1916					
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	265.0	26.7	16.25	9.25		792	356	1123	-		
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0.59	Clincher	Steel		-	-		337	-		
DATES	Order 15 May 1915		Keel Lay 18 Aug 1915		Launch 10 Aug 1916		Delivery 25 Oct. 1916				
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor					
MACHINERY											
SUPPLIER	Scotts S & E Co. Ltd		TYPE Parsons Steam Turbines { h.p. on centre shaft l.p. and 2 astern on wing shafts }								
GEARING Cruising turbines geared to wing shafts.						PROPULSION MODE Triple Screws					
SHP DESIGN RPM		25000 750		DESIGN SPEED DESIGN VACUUM		34 KNOTS 27 INCHES Hg		CONDENSER COOLING SURFACE 10542 SQ. FT.			
No of Boilers: main 3 : aux -		TYPE Yarrow watertube 3-drum				Working Pressure & Temp 250 p.s.i. satn. °F					
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches : length ft	inches
	Boiler Tubes: Diameter			inches : length		ft		inches			
Watertube Boilers	Total Heating Surface		24600 Sq. Ft.		Combustion Space Volume		cubic feet		Fuel - Oil	Natural Draught: Forced ✓	
Propeller(s): No. 3 ² RH ^{6.08 centre} LH: Dia 6.25 ft: pitch 6.2 wings ft: No. of blades 3 built : solid ✓ : material bronze											
Shafting: intermediate shaft, tail shaft diameters:- (8-4 1/2) hollow. inches											
Electric Generators: No. x type x K.W. each 1 - 26 1/2 kW. steam. Voltage 104 d.c.											
TRIAL INFORMATION											
Displacement 906 Tons: Draught 7.92 ft.: Cb - 0.56 : Speed - 34.83 Knots											
S.H.P. 25000 R.P.M. 771.8 Steam Pressure 200 p.s.i. : Vacuum 27.06 inches Hg											
CONTRACT OUTCOME											
Invoice Price £145933 Net Profit £13012.											
CAREER											
Initial Trade:											
9 th May 1921 - Sold to Ward: Milford Haven for scrapping.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TYNDAREUS		SHIP No	460		DELIVERY YEAR
Scotts CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	523		1916
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	503.0	63.0	44.5	32.07		11347	7172	21618
SALE CAPACITY other than	C _h	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
779400	0.75	Clincher	Steel	Schooner	-	5399	2	
DATES	Order 3 Mar 1914		Keel Lay 30 Mar 1914		Launch 1 Aug 1916		Delivery 21 Nov 1916	
Passengers Carried	1st Cl 6	2nd Cl	3rd Cl	594 portable	Launch Sponsor			
MACHINERY								
SUPPLIER Scotts' S & E Co., Ltd.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 22½ 38 65 INCHES				STROKE 4.5 FT.		PROPULSION MODE Twin Screw		
N.H.P. 1050	I.H.P. 5750		DESIGN SPEED		14 KNOTS		CONDENSER COOLING SURFACE 5600 SQ. FT.	
EXPANSION RATIO 12.02	RATIO		Air Pump Capacity L.P. Cylinder Volume		-		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 3		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 200 p.s.i.	
Dimensions D x L 15.75 x 21.0 (D.E.) ft				Total Heating Surface 15855 Sq. Ft.		Total Grate Area 378 Sq. Ft.		
Steam Space Volume 2760 cubic feet		Furnaces: total no 18 : dia 3 ft 10 inches : length ft inches						
Boiler Tubes : Diameter inches : length ft		inches		Fuel coal		Draught : Natural Forced ✓		
Propeller(s) : No. 2 ✓ RH		✓ LH : Dia 17.0 ft : pitch 17.13 ft		No. of blades 4		built solid ✓		: material bronze
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				14 13½ 16½ inches				
Electric Generators : No. 2		: K.W. each : Voltage 65 v.						
TRIAL INFORMATION								
Displacement 10600 Tons		Draught 16.97 ft		Cb - 0.69		Speed - not taken Knots		
I.H.P. 5982 R.P.M. 90		Steam Pressure at Engine 195 p.s.i.		Vacuum 27.2 inches Hg				
CONTRACT OUTCOME								
Invoice Price £203014.				Net Profit £12000				
CAREER								
Initial Trade :								
6 th Feb 1917 - sailed from Capetown with troops - mined or torpedoed off Cape Agulhas - made port under her own power - repaired permanently at Hong Kong.								
Inter war years spent on the trans Pacific trade and ship came through WW2 unscathed. Later on spent many years in the pilgrim trade from Malaysia & Indonesia.								
1960 Sold & scrapped in Hong Kong.								

SHIP BUILDER.	SHIP TYPE	SHIP'S NAME	H.M. S/M. E.51.		SHIP N°	DELIVERY YEAR.	
Scoots & S.E. Colld. CB.	Mine laying Submarine.	SHIP OWNER	Admiralty.		ENGINE N°	1917.	
TECHNICAL INFORMATION.							
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT Tons		MAX. SPEED.
	181.25	22.54	15.04	12.67	Surface	Submerged	Surface Submerged
Block Coefficient	Surface 0.496		Submerged 0.444		690	837	14.0 9.5
Dates.	Order: 3 Mar 1915		Keel Lay: 15 Mar 1915		Launch: 30 Nov 1916		Delivery: 29 Jan 1917.
MAIN ENGINES. (VICKERS)	(2) Engines, Vickers design, 4 stroke single acting - 8 cylinders, 14½" bore, 15" stroke, each developing 800 bhp at 380 rpm.						
MAIN MOTORS (LAURENCE SCOTT)	(2) Electric propulsion motors, each 420 bhp at 280 r.p.m.						
BATTERIES.	224 cells.						
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.58 ft. : Pitch 5.08 ft. No. of blades 3 : material - bronze.						
SHAFTING.	All 7 inches diameter.						
TRIAL INFORMATION.							
Displacement.	Tons: Draught. 12.6 ft : Speed. - 14.38 knots.						
B.H.P.	R.P.M. 373						
CONTRACT OUTCOME.							
Invoice Price. £ 84014.				Net Profit .£ 7522.			
13 October 1921 - Sold to South Wales Salvage Co							
1922 - Scrapped.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. CARADOC.		SHIP No	476	DELIVERY YEAR			
Scotts' S & E Co Ltd CB	Cruiser	SHIP OWNER	Admiralty.		ENGINE No	540	1917			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	425.0	42.75	24.6	13.5		3076	1384	3890	-	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.52	-	Steel		-	-		-	-	
DATES	Order 8 Dec 1915		Keel Lay 21 Feb 1916		Launch 23 Dec 1916		Delivery 26 Jun 1917.			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Rayleigh.					
MACHINERY										
SUPPLIER	Scotts' S & E Co., Ltd		TYPE Parsons Steam Turbines; {h.p. + l.p. (incorp. astern) + cruising.}							
GEARING	main h.p. & l.p. turbines - single reduction cruising turbines - double reduction via h.p. turbine					PROPULSION MODE Twin Screws				
	SHP 40,000 DESIGN RPM 335		DESIGN SPEED 29 KNOTS DESIGN VACUUM 27.5 INCHES Hg		CONDENSER COOLING SURFACE 21,000 SQ. FT.					
No of Boilers: main	6 : aux -		TYPE Yarrow water tube 3-drum				Working Pressure & Temp 235 p.s.i. satd. °F			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total		no		: dia	ft
	Boiler Tubes: Diameter		inches		length		ft		inches	
Watertube Boilers	Total Heating Surface		39990 Sq. Ft.		Combustion Space Volume.		4518 cubic feet		Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 11.75 ft: pitch 11.0 ft: No. of blades 3 built: solid ✓ : material bronze.										
Shafting: intermediate shaft, tail shaft diameters :- (14½ - 9) hollow. inches										
Electric Generators: No. x type x K.W. each 3 x 52½ KW steam (lighting) Voltage 105 d.c.										
TRIAL INFORMATION										
Displacement 3990 Tons: Draught 13.9 ft: Cb - 0.55 : Speed - 28.7 Knots										
S.H.P. 40900 R.P.M. 342 Steam Pressure 189 p.s.i. : & Temp. at Engine saturation °F : Vacuum 27.98 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 471985. Net Profit £ 21757.										
CAREER										
Initial Trade:										
1917: Home Fleet.										
1939 - 1942: America and West Indies.										
1942/3: Eastern Fleet.										
1943/4: South Atlantic.										
1944/5: Base Ship (at Colombo)										
1946: Scrapped - Briton Ferry.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. TIRADE.				SHIP No 478	DELIVERY YEAR	
Scotts S&E Co Ltd. CD	Destroyer.	SHIP OWNER	Admiralty.				ENGINE No 542	1917	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	265.0	26.7	16.25	11.0		-	-	1123	-
SALE CAPACITY in tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
—	0.59		Steel.		—	—		—	—
DATES	Order 5 Mar 1916			Keel Lay 1 May 1916	Launch 21 Apr 1917		Delivery 13 Jul 1917		
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor —				
MACHINERY									
SUPPLIER		TYPE							
Scotts S&E Co. Ltd.		Brown Curtis Steam Turbines {h.p. + l.p. (in comp. astern)}							
GEARING Single Reduction						PROPULSION MODE			
						Twin Screws			
SHP 27 000		DESIGN RPM 340		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 9400 SQ. FT.			
				DESIGN VACUUM 27 INCHES Hg					
No of Boilers: main 3 : aux —		TYPE Yarrow water tube - 3 drum				Working Pressure & Temp 250 p.s.i. Satn. °F			
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Total Grate Area			
	ft			Sq. Ft.		Sq. Ft.			
	Steam Space Volume			cubic feet		Furnaces: total			
					no		: dia ft inches : length ft inches		
Boiler Tubes: Diameter			inches : length		ft		inches		
Watertube Boilers	Total Heating Surface		24621 Sq. Ft.		Combustion Space Volume.		cubic feet		
						Fuel - Oil		Natural Draught: Forced ✓	
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 8.5 ft: pitch 12.5 ft: No. of blades 3 built : solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters: — (12½ - 8) inches									
Electric Generators: No. x type x K.W. each 1-2½ KW steam Voltage 104 d.c.									
TRIAL INFORMATION									
Displacement 918		Tons: Draught 8.0		ft: C _b - 0.56		: Speed - 34.65 Knots			
S.H.P. 28290 R.P.M. 349		Steam Pressure : & Temp. at Engine		209 p.s.i. °F		: Vacuum		27.49 inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 180163					Net Profit £ 11948.				
CAREER									
Initial Trade:									
1921 - Scrapped by Cashmore, Newport. Mon.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. URSULA.		SHIP No	480	DELIVERY YEAR
Scotts S&E Co Ltd. C.D.	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	544	1917
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	265.0	26	16.25	11.0			
							1123
DISPLACEMENT							1123
DEADWEIGHT							—
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
—	0.59	Clincher	Steel.	—	—		—
DATES	Order 29 May 1916		Keel Lay 22 Aug 1916	Launch 2 Aug 1917		Delivery 26 Sept 1917	
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —			Launch Sponsor			
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern)}				
GEARING	Single Reduction					PROPULSION MODE Twin Screws.	
	SHP DESIGN RPM	27000 340	DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 9400 SQ. FT.		
			DESIGN VACUUM 27 INCHES Hg				
No of Boilers: main 3 : aux —	TYPE Yarrow water tube - 3 drum					Working Pressure & Temp 250 p.s.i. Satn. °F	
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches
	Boiler Tubes: Diameter		inches: length ft		inches		
Watertube Boilers	Total Heating Surface		24621 Sq. Ft.		Combustion Space Volume.		cubic feet
					Fuel - Oil		Draught: Natural Forced ✓
Propeller(s): No. 2 ✓ RH LH: Dia 9.5 ft: pitch 12.5 ft: No. of blades 3 built: solid ✓ : material bronze							
Shafting: intermediate shaft, tail shaft diameters:— (12 1/2 - 8) inches							
Electric Generators: No. x type x K.W. each 1.264 KW steam. Voltage 104 d.c.							
TRIAL INFORMATION							
Displacement 979 Tons: Draught 8.3 ft: Cb - 0.58 : Speed - 34.7 Knots							
S.H.P. 27640 R.P.M. 339.8 Steam Pressure 201 p.s.i. : & Temp. at Engine : Vacuum 26.38 inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 179940 Net Profit £ 20071							
CAREER							
Initial Trade:							
1929 - Scrapped by Cashmore, Newport. Mon.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DIOMED.		SHIP No	468	DELIVERY YEAR	
Scott's S & E Co. Ltd. CD	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	531	1917.	
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	452.0	56.0	35.25	28.19		7523	4747	14991
SALS CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
281080	0.737	Clincher	Steel.		Schooner.	B.o.T.	3796	2
DATES	Order 16 Dec 1914		Keel Lay 29 Oct 1915		Launch 21 Jun 1917		Delivery 6 Nov 1917	
Passengers Carried	1st Cl 4 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. R.D. Holt			
MACHINERY								
SUPPLIER Scott's S & E Co. Ltd.		TYPE Parsons Steam Turbines {h.p. + l.p. (incorp. Astern) 12}						
GEARING Single Reduction.						PROPULSION MODE Screw.		
SHP 5700 DESIGN RPM 100			DESIGN SPEED 14 1/2 KNOTS DESIGN VACUUM 27 1/2 INCHES Hg			CONDENSER COOLING SURFACE 7100 SQ. FT.		
No of Boilers: main 2 : aux 1		TYPE Cylindrical main (D.E.) aux. (S.E.)				Working Pressure & Temp 195 psi Sats. °F		
Cylindrical Boilers	Dimensions D x L		main 17.125 x 21.0 aux 13.33 x 10.0 ft		Total Heating Surface		Main 12880 Aux. 1545 Sq. Ft.	
	Steam Space Volume		main 2130 cubic feet		Furnaces: no 3 : dia 3 ft 0 inches : length - ft - inches		Total 287 Grate Area 43 Sq. Ft.	
	Boiler Tubes: Diameter		2 1/2 inches : length - ft - inches					
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.		cubic feet	
Propeller(s): No. 1		RH LH: Dia 18.0 ft: pitch 16.25 ft: No. of blades 4		built solid		: material bronze		
Shafting: intermediate shaft, tail shaft diameters :- 16 1/2, 18 3/8 inches								
Electric Generators: No. x type x K.W. each 2 x 16 KW 1 x 12 KW (emer.) } steam recip. Voltage 65 d.c.								
TRIAL INFORMATION								
Displacement -		Tons: Draught 15.25 ft: Cb - 0 -		Speed -		Knots		
S.H.P. 5340 R.P.M. 101.2		Steam Pressure : & Temp. at Engine 171 psi Sats. °F		: Vacuum 27.8 inches Hg				
CONTRACT OUTCOME								
Invoice Price £258141				Net Profit £8000.				
CAREER								
Initial Trade:								
21 st August 1918 - Sunk by U-140 (by gunfire) 195 miles E.S.E. of Nantucket.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. WAR ANGLER <small>Standard A-type</small>		SHIP No	DELIVERY YEAR			
Scotts CD	Oil Tanker	SHIP OWNER	Shipping Controller - Anglo-Saxon managers		ENGINE No	1918			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	400.0	52.0	31.0	25.3		5210	3196	11490	7860
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
364400	0.77	Clincher	Steel		Schooner	L.R.	2955	2	
DATES	Order 14 Feb 1917		Keel Lay 8 Apr 1917		Launch 17 Feb 1918		Delivery 16 May 1918		
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor			
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 27 44 73 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 517	I.H.P. 3000		DESIGN SPEED		11½ KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.		
EXPANSION RATIO 10.7	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume		
No of Boilers: main 3		: auxiliary -		TYPE: Cylindrical			Working Pressure: main 180 p.s.i. : auxiliary		
Dimensions D x L 15.5 x 11.5 ft				Total Heating Surface 7020 Sq. Ft.		Total Grate Area 190 Sq. Ft.			
Steam Space Volume 1642 cubic feet				Furnaces: total no 9 : dia 3 ft 10 inches : length ft inches					
Boiler Tubes: Diameter inches : length ft				inches		Fuel Oil		Draught: Natural Forced ✓	
Propeller(s): No. 1		RH LH: Dia 17.5 ft : pitch 16.5 ft		No. of blades 4		built: solid ✓		: material bronze	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-						14½ 13½ 15½ inches			
Electric Generators: No. :				K.W. each: Voltage					
TRIAL INFORMATION									
Displacement 8388 Tons		Draught 18.8 ft		Cb - 0.758		Speed - ^{not} taken Knots			
I.H.P. 2993 R.P.M. 81		Steam Pressure at Engine 180 p.s.i.: Vacuum 27.9 inches Hg							
CONTRACT OUTCOME									
Invoice Price £ 169964				Net Profit £ 15148.					
CAREER									
Initial Trade:									
1920 - renamed Roverto.									
1935 - Delfin.									
14 th Dec 1942 - sunk off Kerkene by HMS Taku (British Submarine)									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. WESTMINSTER.		SHIP No	485	DELIVERY YEAR				
Scotts S&E Co Ltd. CB	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	549	1918				
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	300.0	29.5	18.32	11.0				1425			
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
—	0.51	Clincher.	Steel.		—	—	—	—			
DATES	Order 9 Dec 1916		Keel Lay 15 Apr 1917		Launch 24 Feb 1918		Delivery 17 Apr 1918				
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor						
MACHINERY											
SUPPLIER		Scotts S&E Co. Ltd. TYPE Brown Curtis Steam Turbines {h.p.+l.p.(incomp. astern)}									
GEARING						Single Reduction.			PROPULSION MODE	Twin Screws	
SHP		27000		DESIGN SPEED		34 KNOTS		CONDENSER COOLING SURFACE		SQ. FT.	
DESIGN RPM		340		DESIGN VACUUM		INCHES Hg					
No of Boilers: main 3 : aux —		TYPE Yarrow water tube - 3 drum.						Working Pressure & Temp 250 psi Satn. °F			
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches: length ft	inches
	Boiler Tubes: Diameter			inches: length		ft		inches			
Watertube Boilers	Total Heating Surface		24621		Sq. Ft.		Combustion Space Volume.		cubic feet	Fuel - Oil	Draught: Natural Forced ✓
Propeller(s): No. 2 ✓ RH LH: Dia 9.5 ft: pitch 11.83 ft: No. of blades 3 built solid ✓ : material bronze											
Shafting: intermediate shaft, tail shaft diameters: — inches											
Electric Generators: No. x type x K.W. each 2 x 154 KW steam Voltage 104 d.c.											
TRIAL INFORMATION											
Displacement		1382		Tons: Draught		9.31		R: Cb - 0.5		: Speed - 32.49 Knots	
S.H.P. 28213 R.P.M. 346.7		Steam Pressure		: & Temp. at Engine		psi of		: Vacuum		inches Hg	
CONTRACT OUTCOME											
Invoice Price £205676						Net Profit £20330					
CAREER											
Initial Trade:											
August 1948 - Scrapped by Metal-Industries, Charlestown.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HM. S/M. K 15		SHIP No 477	DELIVERY YEAR	
Scotts S.E. Co. Ltd. CB	Submarine	SHIP OWNER	Admiralty		ENGINE No 541	1918	
TECHNICAL INFORMATION.							
DIMENSIONS FEET.	Length	Beam	Depth	Draught	DISPLACEMENT tons		MAX. SPEED
	335.0	26.5	20.67	16.62	Surface	Submerged	Surface Submerged
Block Coefficient.	Surface 0.		Submerged 0.		1925	2566	24.0 8.0
DATES.	Order. 19 Feb 1916		Keel Lay	24 Apr 1916	Launch. 31 Oct 1917		Delivery. 11 May 1918
MAIN ENGINES.	Twin screw Brown Curtis steam turbines with single reduction gearing, each set comprising HP & LP turbines (astern incorporated in LP cylinder) and developing 5000 shp at 380 r.p.m. Turbine r.p.m.: H.P. 3320. L.P. 3000.						
BOILERS.	2 Yarrow watertube boilers, oil fired with forced draught - 250 p.s.i.						
(Lawrence Scott) MOTORS.	2 in tandem per shaft. total shp 720 at 800 rpm. geared down to 160 rpm.						
BATTERIES.	3. total number of cells - 336.						
DESEL GENERATOR.	1 x 540 kW driven by 8 cyl. Vickers engine of 800 bhp. at 380 rpm.						
PROPELLERS.	No. 2 ^{RH} _{LH} Dia 7.33 ft : Pitch 8.25 ft: No. of blades. 3 : material ^{man.} bronze						
SHAFTING.	Intermediate shaft, tail shaft diameters : (8 ⁵ / ₈ - 5 ¹ / ₂) inches. (hollow)						
TRIAL INFORMATION							
Displacement		Tons : Draught 16.73		ft : Cb - 0		Speed - 22.67 Knots	
B.H.P.		R.P.M. 376.6					
CONTRACT OUTCOME							
Invoice Price £ 364113.				Net Profit £ 74150			
CAREER							
25 June 1921 - Sank along side at Portsmouth Dockyard							
July 1921 - Taken out of service.							
Aug. 1924 - Sold to Upnor Shipbreaking Co. for scrapping.							
(Scotts' also supplied propelling machinery installation for H.M.S/M. K5 built at Portsmouth Dockyard, 1917.)							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. DRAGON				SHIP No	484		DELIVERY YEAR
Scott's S & E Co. Ltd CB	Cruiser	SHIP OWNER	Admiralty.				ENGINE No	548		1918
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	445.0	45.7	26.49	14.25		-	-	4723	-	
SALE CAPACITY	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.56	-		Steel		-	-	-	-	
DATES	Order 14 Sept 1916			Keel Lay 24 Jan 1917		Launch 29 Dec. 1917		Delivery 1 Aug 1918.		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Countess of Rock Savage.				
MACHINERY										
SUPPLIER		Scott's S & E Co. Ltd TYPE Brown Curtis Steam Turbines {h.p.+l.p.(incorp astern)+cruising}								
GEARING		main hp & lp turbines - single reduction. cruising turbines - Double reduction via hp turbine						PROPULSION MODE Twin Screws		
		SHP 40,000 DESIGN RPM 270		DESIGN SPEED 29 KNOTS DESIGN VACUUM 27.5 INCHES Hg			CONDENSER COOLING SURFACE 21,000 SQ. FT.			
No of Boilers: main 6 : aux -		TYPE Yarrow water tube 3-drum						Working Pressure & Temp 235 p.s.i. satd. °F		
Cylindrical Boilers	Dimensions D x L			ft			Total Heating Surface		Sq. Ft.	
	Steam Space Volume			cubic feet			Furnaces: total no		: dia ft inches : length ft inches	
	Boiler Tubes: Diameter			inches : length ft			inches			
Watertube Boilers	Total Heating Surface		39,900 Sq. Ft.		Combustion Space Volume.		4518 cubic feet		Fuel: Oil Draught: Natural Forced ✓	
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 11.75 ft: pitch 14.25 ft: No. of blades 3 built solid ✓ : material bronze.										
Shafting: intermediate shaft, tail shaft diameters :- (15½ - 10) hollow. inches										
Electric Generators: No. x type x K.W. each 3 x 52½ KW. steam (lighting) Voltage 105 d.c										
TRIAL INFORMATION										
Displacement 4764 Tons: Draught 14.375 ft: Cb - 0.57 : Speed - 28.86 Knots										
S.H.P. 39862 R.P.M. 268.9 Steam Pressure 192 p.s.i. : & Temp. at Engine saturation of : Vacuum - 28.5 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 612999 Net Profit £ 50836.										
CAREER										
Initial Trade:										
1939 : Home Fleet										
1940 : Mediterranean & West Indies.										
1940/1: South Atlantic										
1942 : Eastern Fleet										
1943/4: Home Fleet.										
1944 : Normandy: used as breakwater.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. WINDSOR.		SHIP No 486	DELIVERY YEAR					
Scotts S&E Co Ltd. CB.	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No 550	1918					
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	300.0	29.5	18.32	11.0				1425	—		
SALE CAPACITY Tons per hour	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		PROPOSED STEEL WEIGHT - TONS	No. of Masts		
—	0.51	Clincher	Steel.		—	—		—	—		
DATES	Order 9 Dec 1916		Keel Lay 14 May 1917		Launch 21 Jun 1918		Delivery 28 Aug 1918				
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor						
MACHINERY											
SUPPLIER		Scotts S&E Co. Ltd. TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern.)}									
GEARING					Single Reduction.		PROPULSION MODE			Twin Screws	
SHP		27000		DESIGN SPEED		34 KNOTS		CONDENSER			
DESIGN RPM		340		DESIGN VACUUM		27 INCHES Hg		COOLING SURFACE 9400 SQ. FT.			
No of Boilers: main 3 : aux —		TYPE Yarrow water tube - 3 drum					Working Pressure & Temp 250 p.s.i. Satn. °P				
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches: length ft	inches
	Boiler Tubes: Diameter			inches: length		ft		inches			
Watertube Boilers	Total Heating Surface		24621		Sq. Ft.		Combustion Space Volume.		cubic feet	Fuel - Oil	Natural Draught: Forced ✓
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 9.5 ft: pitch 11.83 ft: No. of blades 3 built : solid ✓ : material bronze											
Shafting: intermediate shaft, tail shaft diameters:— (12½ - 8) inches											
Electric Generators: No. x type x K.W. each 2-15½ KW steam. Voltage 104 d.c.											
TRIAL INFORMATION											
Displacement		1381		Tons: Draught		9.3		ft: Cb - 0.587		: Speed - 32.38 Knots	
S.H.P. 27940 R.P.M.		344.6		Steam Pressure & Temp. at Engine		p.s.i. of		: Vacuum		Inches Hg	
CONTRACT OUTCOME											
Invoice Price £ 204376						Net Profit £ 20611.					
CAREER											
Initial Trade:											
June 1949 - Scrapped by Metal Industries, Charlestown.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. SWALLOW.		SHIP No	491	DELIVERY YEAR
Scotts S&E Co Ltd. CD.	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	558	1918
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	265.0	26	16.25	9.25			
							Displacement
							1123
							Deadweight
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts
—	0.53	Clincher	Steel	—	—	337	—
DATES	Order 9 Apr 1917		Keel Lay 14 Sept 1917		Launch 1 Aug 1918		Delivery 27 Sept. 1918
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —		Launch Sponsor —				
MACHINERY							
SUPPLIER Scotts S&E Co. Ltd.		TYPE Brown Curtis Steam Turbines hp.+l.p. (incorp. astern)					
GEARING Single Reduction.					PROPULSION MODE Twin Screws		
SHP 27000		DESIGN RPM 340		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 9400 SQ. FT.	
DESIGN VACUUM 27 INCHES Hg		Working Pressure & Temp 250 p.s.i. Satn. °F					
No of Boilers: main 3 : aux —	TYPE Yarrow water tube - 3 drum						
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia - ft - inches : length ft - inches
	Boiler Tubes: Diameter		inches : length ft - inches				
Watertube Boilers	Total Heating Surface 24621 Sq. Ft.		Combustion Space Volume.		cubic feet	Fuel - Oil	Draught: Natural Forced ✓
Propeller(s): No. 2 ✓ RH LH: Dia 9.5 ft: pitch 12.33 ft: No. of blades 3 built: solid ✓ : material bronze							
Shafting: intermediate shaft, tail shaft diameters:— (12½ - 8) inches							
Electric Generators: No. x type x K.W. each. 2 x 15½ KW steam. Voltage 104 d.c.							
TRIAL INFORMATION							
Displacement 1142		Tons: Draught 9.32		ft: Cb - 0.56		Speed - 33.08 Knots	
S.H.P. 27750 R.P.M. 340.13		Steam Pressure & Temp. at Engine		217 p.s.i. - °F		Vacuum 26.5 inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 190222				Net Profit £ 16705			
CAREER							
Initial Trade:							
Scrapped by Ward, Inverkeithing - 1938.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. WAR DUCK		Standard B type	SHIP No	DELIVERY YEAR
Scotts CD	General Cargo	SHIP OWNER	Shipping Controller - H. Hogarth, managers			ENGINE No	1918
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	400.0	52.0	31.0	25.3		5193	3155
							Displacement
							11490
							Deadweight
							8150
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
405720	0.77	Clincher	Steel	Schooner	L.R.	2955	2
DATES	Order 13 Mar 1917		Keel Lay 26 June 1917		Launch 31 Oct 1918		Delivery 29 Nov 1918
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER Scotts				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 27 44 73 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw	
N.H.P. 517	I.H.P. 3000		DESIGN SPEED		CONDENSER COOLING SURFACE 3000 SQ. FT.		
DESIGN RPM		11 1/2 KNOTS					
EXPANSION RATIO	10.7	RATIO		Air Pump Capacity		S.W. Circ. Pump Capacity	
		LP. Cylinder Volume		LP. Cylinder Volume		LP. Cylinder Volume	
No of Boilers: main	3	auxiliary -		TYPE: Cylindrical		Working Pressure: main 180 p.s.i. auxiliary	
Dimensions D x L		15.5 x 11.5 ft		Total Heating Surface		7020 Sq. Ft.	
				Total Grate Area		190 Sq. Ft.	
Steam Space Volume		1642 cubic feet		Furnaces: total no 9		dia 3 ft 10 inches: length ft inches	
Boiler Tubes: Diameter		inches: length ft inches		Fuel: oil		Draught: Natural Forced	
Propeller(s): No. 1		RH LH: Dia 17.5 ft: pitch 16.5 ft: No. of blades 4		built solid		material bronze	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters:-		14 1/2 13 1/2 15 5/8		inches			
Electric Generators: No.		:		K.W. each: Voliage			
TRIAL INFORMATION							
Displacement		4732 Tons		Draught 11.08 ft.		Cb - 0.734: Speed - not taken Knots	
I.H.P. 2596		R.P.M. 87		Steam Pressure at Engine 179 p.s.i.		Vacuum 26.56 inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 154754				Net Profit £ 12550.			
CAREER							
Initial Trade: Purchased by Hogarth Shipping Co. in 1919							
for general trading & renamed Baron Blantyre.							
9th August 1923 - Left Port Natal for Adelaide							
with a cargo of coal & disappeared.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS STRENUOUS		SHIP No	493	DELIVERY YEAR
Scotts S&E Co Ltd	Destroyer	SHIP OWNER	Admiralty		ENGINE No	560	1919
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	265-0	26-7	16-25	9-25			
DISPLACEMENT						1123	
DEADWEIGHT						-	
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
-	0-53	Clincher	Steel		-	-	337
DATES	Order 23 Jun 1917		Keel Lay 14 Mar 1918		Launch 9 Nov 1918		Delivery 24 Jan 1919
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor
MACHINERY							
SUPPLIER	Scotts S&E Co Ltd		TYPE Brown Curtis Steam Turbines (hp + l.p. (incorp. astern))				
GEARING	Single Reduction.					PROPULSION MODE	Twin Screws
SHP DESIGN RPM	27000		DESIGN SPEED		34 KNOTS		CONDENSER COOLING SURFACE
	340		DESIGN VACUUM		27 INCHES Hg		9400 SQ. FT.
No of Boilers: main	3 : aux -		TYPE Yarrow water tube - 3 drum				Working Pressure & Temp 220 p.s.i. Satd. °F
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches : length ft inches
	Boiler Tubes: Diameter		inches : length ft		inches		
Watertube Boilers	Total Heating Surface		24621 Sq. Ft.		Combustion Space Volume		cubic feet
Fuel: Oil		Draught: Natural		Forced		✓	
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 9-5 ft: pitch 12-33 ft: No. of blades 3 built: solid ✓ : material bronze							
Shafting: intermediate shaft, tail shaft diameters :- (12 $\frac{1}{8}$ - 8) hollow. inches							
Electric Generators: No. x type x K.W. each 2 x 15 $\frac{3}{4}$ KW steam Voltage 104 d.c.							
TRIAL INFORMATION							
Displacement 1141		Tons: Draught 9-6		ft.: Cb - 0-59		: Speed - 32-48 Knots	
S.H.P. 27963 R.P.M. 333-6		Steam Pressure 210		p.s.i. of : Vacuum		26-2 inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 195324				Net Profit £ 17,111.			
CAREER							
Initial Trade: Pioneered Weir closed feed system.							
1933. Scrapped at Alloa: Charlestown.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. SWORDSMAN		SHIP No	492		DELIVERY YEAR
Scotts S & E Co Ltd CD	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	559		1919
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	25.0	26.7	16.25	9.25				1123
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
	0.53	Clincher	Steel	-	-	337.	-	
DATES	Order 9 Apr 1917		Keel Lay 14 Mar 1918	Launch 28 Dec 1918		Delivery 2 Apr 1919		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern).}					
GEARING	Single Reduction.					PROPULSION MODE Twin Screws		
	SHP DESIGN RPM	27000 340		DESIGN SPEED	34 KNOTS 27 INCHES Hg		CONDENSER COOLING SURFACE 9400 SQ. FT.	
No of Boilers: main	3 : aux -		TYPE Yarrow watertube 3-drum			Working Pressure & Temp 250 p.s.i. Satn °F		
Cylindrical Boilers	Dimensions D x L ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.		
	Steam Space Volume cubic feet		Furnaces : total no		: dia ft	inches : length ft		inches
	Boiler Tubes : Diameter		inches : length ft		inches			
Watertube Boilers	Total Heating Surface 24621 Sq. Ft.		Combustion Space Volume cubic feet		Fuel : Oil	Draught : Natural Forced ✓		
Propeller(s) : No. 2 ✓ RH LH : Dia 9.5 ft : pitch 12.33 ft : No. of blades 3 built : solid ✓ : material bronze								
Shafting : intermediate shaft, tail shaft diameters :- (12 1/8 - 8) hollow inches								
Electric Generators : No. x type x K.W. each 2 - 15 3/4 KW. Voltage 104 d.c.								
TRIAL INFORMATION								
Displacement 1127 Tons : Draught 9.25 ft. : Cb - 0.53 : Speed - 33.05 Knots								
S.H.P. 27000 R.P.M. 337.9 Steam Pressure 200 p.s.i. : & Temp. at Engine : Vacuum 27.29 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 191086 Net Profit £ 16864.								
CAREER								
Initial Trade :								
1919 - Transferred to Royal Australian Navy.								
1937 - Scrapped at Penguins, Ltd. Sydney.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. STRONGHOLD.		SHIP No	494		DELIVERY YEAR
Scotts' S & E Co Ltd	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	561		1919.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	265.0	26.7	16.25	9.25				1123
DEADWEIGHT	No. of Masts		No. of Guns		No. of Torpedoes		No. of Depth Charges	
BASE CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts
	0.53	Clincher	Steel		-	-	337	-
DATES	Order 23 Jun 1917		Keel Lay 14 Mar 1918		Launch 6 May 1919		Delivery 2 Jul 1919	
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY								
SUPPLIER	Scotts S & E Co Ltd		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (uncomp. astern)}					
GEARING	Single Reduction		PROPULSION MODE		Twin Screws			
	SHP DESIGN RPM	27000 340	DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 9400 SQ. FT.			
			DESIGN VACUUM 27 INCHES Hg					
No of Boilers: main	3	: aux -	TYPE Yarrow watertube 3-drum.		Working Pressure & Temp 250 p.s.i. satd. °F			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft : inches : length ft : inches	
	Boiler Tubes: Diameter		inches : length ft					
Watertube Boilers	Total Heating Surface		24621 Sq. Ft.		Combustion Space Volume		cubic feet	
					Fuel: Oil		Natural Draught: Forced <input checked="" type="checkbox"/>	
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 9.5 ft: pitch 12.33 ft: No. of blades 3 built: solid <input checked="" type="checkbox"/> : material bronze								
Shafting: intermediate shaft, tail shaft diameters:- (12 1/8 - 8) inches								
Electric Generators: No. x type x K.W. each 2 - 15 3/4 kW. steam. Voltage 104. d.c.								
TRIAL INFORMATION								
Displacement 1092 Tons: Draught 9.18 ft: Cb - 0.59 : Speed - 33.39 Knots								
S.H.P. 27000 R.P.M. 335.6 Steam Pressure 200 p.s.i. : & Temp at Engine : Vacuum 27.29 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 192178 Net Profit £ 17124								
CAREER.								
Initial Trade:								
2nd March 1942 - Sunk by Japanese task force off east coast of Malaya.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. STURDY.		SHIP No	495		DELIVERY YEAR	
Scotts S & E Co. Ltd. CB.	Destroyer	SHIP OWNER	Admiralty		ENGINE No	562		1919	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	
	265.0	26.7	16.25	9.25		-	-	1123	
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	
	0.53	Clincher	Steel		-	-		337	
DATES	Order 23 Jun 1917		Keel Lay 14 Mar 1918		Launch 25 Jun 1919		Delivery 15 Oct 1919		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern)}						
GEARING	Single Reduction.					PROPULSION MODE			
						Twin Screws			
	SHP DESIGN RPM		27000 340		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 9400 SQ. FT.		
			DESIGN VACUUM 27		INCHES Hg				
No of Boilers: main	3 : aux -		TYPE Yarrow watertube 3-drum				Working Pressure & Temp 250 p.s.i. satd. °F		
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume			cubic feet		Furnaces : total no		: dia ft. inches : length ft. inches	
	Boiler Tubes : Diameter			inches : length ft.		inches			
Watertube Boilers	Total Heating Surface		24621 Sq. Ft.		Combustion Space Volume		cubic feet		
					Fuel : Oil		Draught : Natural Forced ✓		
Propeller(s) : No. 2 ✓ RH : LH : Dia 9.5 ft : pitch 12.33 ft : No. of blades 3 built : solid ✓ : material bronze									
Shafting : intermediate shaft, tail shaft diameters :- (12 1/8 - 8) inches									
Electric Generators : No. x type x K.W. each 2 - 15 3/4 kw steam . Voltage 104 d.c.									
TRIAL INFORMATION									
Displacement 1052 Tons : Draught 8.8 ft. : Cb - 0.59 : Speed - 34.43 Knots									
S.H.P. 27050 R.P.M. 343.5 : Steam Pressure 220 p.s.i. : Vacuum 27.6 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 197776 Net Profit £ 17130									
CAREER									
Initial Trade :									
Wrecked - 30 th November 1940. - Tivee.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. DURBAN.		SHIP No	496	DELIVERY YEAR			
Scott's S & E Co Ltd CB.	Cruiser	SHIP OWNER	Admiralty.		ENGINE No	563	1919.			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	445.0	45.7	26.49	14.25		-	-	4723	-	
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.56	-	Steel.		-	-		-	-	
DATES	Order 23 Jun 1917		Keel Lay 14 Jan 1918		Launch 29 May 1919		Delivery ^{towed to} Devonport 27/11/19			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Botha. Wife of General Botha. President of South Africa.					
MACHINERY										
SUPPLIER SCOTT'S S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines: {hp. + l.p. (incorp. astern) + cruising								
GEARING		main h.p. & l.p. turbines - single reduction cruising turbines - double reduction via h.p. turbine				PROPULSION MODE Twin Screws.				
SHP 40,000 DESIGN RPM 270		DESIGN SPEED 29 KNOTS DESIGN VACUUM 27.5 INCHES Hg		CONDENSER COOLING SURFACE 21000 SQ. FT.						
No of Boilers: main 6 : aux -		TYPE Yarrow water tube 3 drum				Working Pressure & Temp 235 p.s.i. satd. °F				
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		inches: length ft	inches
	Boiler Tubes: Diameter		inches: length ft		inches					
Watertube Boilers	Total Heating Surface		39,900 Sq. Ft.		Combustion Space Volume.		4518 cubic feet		Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 2 ^{✓ RH} LH: Dia 11.75 ft: pitch 14.25 ft: No. of blades 3 built: solid ✓ : material bronze										
Shafting: intermediate shaft, tail shaft diameters: - (15½ - 10) hollow. inches										
Electric Generators: No. x type x K.W. each 3 * 52.5 KW steam. (lighting) Voltage 105 d.c										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: Cb - 0		: Speed -		Knots		
S.H.P.	R.P.M.	Steam Pressure: & Temp. at Engine		psi °F		: Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price £ 600860				Net Profit £ 52295						
CAREER		Completed at Devonport Dockyard.								
Initial Trade:										
1939-41: On China Station.										
1942-3 : Eastern Fleet.										
1944 : Home Fleet.										
1944 - Normandy - used as breakwater.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ACHILLES.		SHIP No	481	DELIVERY YEAR
Scott's S & E Co. Ltd. CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	545	1920
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	503.0	63.0	44.5	32.05		11426	7199
							Displacement
							21612
							Deadweight
							14170
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
780080	0.746	Clincher	Steel.	Schooner		5453	2
DATES	Order 23 Jul. 1919		Keel Lay 28 Sept 1916		Launch 8 Jan 1920		Delivery 28 May 1920
Passengers Carried	1st Cl 6		2nd Cl -		3rd Cl -		Launch Sponsor -
MACHINERY							
SUPPLIER	Scott's S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+i.p.+l.p.(incorp. astern)}				
GEARING	Double Reduction.					PROPULSION MODE	Twin Screws
	SHP	7000	DESIGN SPEED	14 KNOTS	CONDENSER COOLING SURFACE	7616 SQ. FT.	
	DESIGN RPM	120	DESIGN VACUUM	INCHES Hg			
No of Boilers: main	3	: aux -	TYPE Cylindrical (D.E.)		Working Pressure & Temp 200 psi 630 °F		
			N.E.M. superheaters fitted.				
Cylindrical Boilers	Dimensions D x L		15.75 x 21.0 ft		Total Heating Surface	14511 Sq. Ft.	Total Grate Area
							345 Sq. Ft.
	Steam Space Volume		2790 cubic feet		Furnaces: total	18	: dia 3 ft 10 inches: length - ft - inches
	Boiler Tubes: Diameter		3 1/4 inches: length - ft - inches				
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.	cubic feet	Fuel: Coal
							Draught: Natural Forced ✓
Propeller(s): No.	2 ✓ RH		LH: Dia 17.5 ft: pitch 18.5 ft: No. of blades 4		built ✓	: solid	H.T. : material brass.
Shafting: intermediate shaft, tail shaft diameters :-	15 1/4 (steel), 16 3/4 / 18 1/2 (wrought iron)						inches
Electric Generators: No. x type x K.W. each	2 x 1 KW. Steam recip. (10 x 8") Voltage 110 d.c.						
TRIAL INFORMATION							
Displacement	10483		Tons: Draught 17.04 ft: Cb - 0.69		: Speed - 14.15 Knots		
S.H.P.	5025		R.P.M. 81.2		Steam Pressure : & Temp. at Engine		190 psi 555 °F : Vacuum
							26.6 inches Hg
CONTRACT OUTCOME							
Invoice Price	£538056			Net Profit £48989			
CAREER							
Initial Trade:	Far East - USA service.						
August 1940 - Sold to H.M.G. to become submarine depot ship							
H.M.S. 'Blenheim'.							
1948 - Scrapped at Barrow.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ALBANIA		SHIP No	479	DELIVERY YEAR		
Scotts S&E Co Ltd CB	Passenger Cargo	SHIP OWNER	Cunard Steamship Co. Liverpool		ENGINE No	543	1920		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	522.0	63.75	38.75	28.38		12768	7822	20188	12196
SALE CAPACITY	G _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
742480	0759	Clincher	Steel.		Schooner	L.R. B.O.T.	5677	4	
DATES	Order 18 Apr. 1916		Keel Lay 10 Oct 1916		Launch 17 Apr 1920		Delivery 16 Dec. 1920		
Passengers Carried	1st Cl - 2nd Cl 487 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Scotts S&E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+i.p.+l.p. (in a p. system)}							
GEARING Double Reduction						PROPULSION MODE Twin Screws			
SHIP 6800 DESIGN RPM			DESIGN SPEED 14 1/2 KNOTS			CONDENSER COOLING SURFACE 7616 SQ. FT.			
DESIGN VACUUM			INCHES Hg			Working Pressure & Temp 200 p.s.i. 650 °F			
No of Boilers: main 3 : aux -		TYPE Cylindrical (D.E.) N.E.M. superheats. fitted							
Cylindrical Boilers	Dimensions D x L 16.75 x 21.0 ft			Total Heating Surface 5685 Sq. Ft.		Total Grate Area 129 Sq. Ft.			
	Steam Space Volume 950 cubic feet			Furnaces: total no 18 : dia 3 ft 11 3/4 inches : length - ft - inches					
	Boiler Tubes: Diameter 3 inches : length - ft - inches								
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume. cubic feet		Fuel: Oil/coal		Draught: Natural Forced ✓		
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 18.25 ft: pitch 19.0 ft: No. of blades 4 built ✓ solid : material bronze.									
Shafting: intermediate shaft, tail shaft diameters :- 15 1/2, 16 3/4 / 18 1/4. inches									
Electric Generators: No. x type x K.W. each 4 x 45 KW. steam turbo. Voltage 110 d.c									
TRIAL INFORMATION									
Displacement 13253 Tons: Draught 19.63 ft: Cb - 0.725 : Speed - - Knots									
S.H.P. 3380 R.P.M. 63.0 Steam Pressure 191 p.s.i. 545 °F : Vacuum 27 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 692103. Net Profit £ 39604.									
CAREER									
Initial Trade: Transatlantic (Canada).									
1930 : Sold to Italian owners and renamed 'California'.									
1938 : Acted as a hospital ship during the Italo-Abyssinian War.									
15 Aug 1941 : Sunk by Allied bombers (R.A.F.) at Syracuse, Italy.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KALGAN. (built in drydock)		SHIP No	483		DELIVERY YEAR		
Scotts' S&E Co. Ltd. CB	General Cargo	SHIP OWNER	China Navigation Co. - London		ENGINE No	547		1921		
TECHNICAL INFORMATION										
DIMENSIONS FEET	L.	B.	D.	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	310.0	44.0	23.0	18.13		2652	1576	5165	3150	
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
163520	0.736	Clincher	Steel		Schooner	B.o.T.	1331	2		
DATES	Order 28 Aug 1916		Keel Lay 10 Nov 1919		Launch 17 Nov 1920		Delivery 28 Mar 1921			
Passengers Carried	1st Cl 8	2nd Cl	3rd Cl		Passes in tween decks	18	Launch Sponsor			
MACHINERY										
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines}							
GEARING Double Reduction						PROPULSION MODE Screw.				
SHP DESIGN RPM		1600 100		DESIGN SPEED 11.7 KNOTS		CONDENSER COOLING SURFACE 1600 SQ. FT.				
No of Boilers: main 1 : aux 1		main. cylindrical - NEM Suphts fitted TYPE aux. Cochran				Working Pressure & Temp 200 570 °F 160 psi satd. °F				
Cylindrical Boilers	Dimensions D x L		main 17.75 x 17.75 aux. 7.5 x 16.25(h) ft		Total Heating Surface		main 4250 aux. 730 Sq. Ft		Total Grate Area 82.5 31.5 Sq. Ft	
	Steam Space Volume		— cubic feet		Furnaces: no 4 : dia 3 ft 9 inches		length - ft 71 - inches			
	Boiler Tubes: Diameter		3 inches		length - ft - inches					
Watertube Boilers	Total Heating Surface		Sq. Ft		Combustion Space Volume.		cubic feet		Fuel Oil/coal Draught: Natural/aux. Forced/main.	
Propeller(s): No. 1 ✓ RH LH: Dia 13.75 ft: pitch 13.0 ft: No. of blades 4. built solid ✓ : material bronze.										
Shafting: intermediate shaft, tail shaft diameters: - 10 3/8, 13. inches										
Electric Generators: No. x type x K.W. each 1 x 16 KW steam recip. 1 x 3 KW (emer.) Voltage 110 v. d.c.										
TRIAL INFORMATION										
Displacement 3169 Tons: Draught 11.7 ft: Cb - 0.57 : Speed - 11.73 Knots										
S.H.P. 1780 R.P.M. 98.4 Steam Pressure 179 psi : & Temp. at Engine 534 °F : Vacuum 28 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 218596 Net Profit £ 28994.										
CAREER										
Initial Trade: Swatow - Bangkok - Hong Kong.										
12th December 1941. - Seized by Japanese at Bangkok and renamed Nishi Maru.										
13th November 1944 - Bombed & sunk at Manila.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CORINALDO		SHIP No	482	DELIVERY YEAR
Scotts S&E Co. Ltd. C.B.	Refrig. Cargo	SHIP OWNER	Donaldson Bros. Glasgow.		ENGINE No	546	1921
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	44.0	55.5	32.25	28.7		7131	4417
							Displacement
							13940
							Deadweight
							8479
BALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
refrig. 408080	0.74	Clincher	Steel	Schooner	L.R.	3096	2
DATES	Order 18 Apr 1916	Keel Lay 25 Jun 1919	Launch 16 Aug 1920	Delivery 12 Apr. 1921			
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor			
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.	TYPE Brown Curtis Steam Turbines {h.p.+l.p.(incorp. astern)}					
GEARING	Double Reduction.					PROPULSION MODE	Screw.
	SHP DESIGN RPM	3250 80.5	DESIGN SPEED	12 1/2 KNOTS	CONDENSER COOLING SURFACE	3000 SQ. FT.	
			DESIGN VACUUM	INCHES Hg			
No of Boilers: main	4	: aux -	TYPE Cylindrical with NEM. superheaters			Working Pressure & Temp	200 p.s.i. 525 °F
Cylindrical Boilers	Dimensions D x L	15.75 x 11.5	ft	Total Heating Surface	10468	Sq. Ft.	Total Grate Area
							229.6
							Sq. Ft.
	Steam Space Volume	cubic feet	Furnaces: total no	12	: dia	3 ft 8 3/4 inches	: length - ft. - inches
	Boiler Tubes: Diameter	3	inches	: length	-	ft. - inches	
Watertube Boilers	Total Heating Surface	Sq. Ft.	Combustion Space Volume	cubic feet	Fuel: Oil	Draught: Natural Forced	
Propeller(s): No.	1	✓ RH LH: Dia	17.5	ft: pitch	16.5	ft: No. of blades	4
						built: solid	: material bronze
Shafting: intermediate shaft, tail shaft diameters :-	14 3/8, 16 1/8.						inches
Electric Generators: No. x type x K.W. each	1 x 20 KW steam recip. 1 x 12 1/2 KW						Voltage: 110 d.c.
TRIAL INFORMATION							
Displacement	7061	Tons: Draught	15.6	ft.: Cb - 0.698	: Speed - 13.14	Knots	
S.H.P. -	R.P.M. 83.5	Steam Pressure: & Temp. at Engine	175 510	p.s.i. °F	: Vacuum	28.2	inches Hg
CONTRACT OUTCOME							
Invoice Price	£ 474,720			Net Profit	£ 52469		
CAREER							
Initial Trade:	Glasgow/Liverpool - River Plate.						
	Fully refrigerated for carriage of frozen meat.						
22 October 1942 :-	Torpedoed (33.20 N, 18.12 W) by U 509 but did not sink.						
	U 659 missed twice but U 203 achieved a hit.						
	Ship abandoned but in the end had to be sunk						
	by gunfire. 7 crew + 1 gunner lost.						

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KWEIYANG. (built in drydock)		SHIP No	506	DELIVERY YEAR	1921
Scott's S&E Co. Ltd CB.	Geneva Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	574		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	310.0	44.0	23.0	18.13		2642.	1747	5165
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
635.20	5736	Clincher	Steel	Schooner	B. o. T.	1331.	2	
DATES	Order 28 Nov 1918		Keel Lay 14 Sept 1919		Launch 26 Jan 1921		Delivery 20 May 1921	
Passengers Carried	1st Cl 8		2nd Cl —		3rd Cl —		Launch Sponsor —	
MACHINERY								
SUPPLIER	Scott's S&E Co. Ltd		TYPE Brown Curtis Steam Turbines {h.p. + l.p. both with eastern turbines}					
GEARING	Double Reduction.					PROPULSION MODE Screw		
	SHP 1600		DESIGN SPEED 11 1/2 KNOTS		CONDENSER COOLING SURFACE 1600 SQ. FT.			
	DESIGN RPM 100		DESIGN VACUUM — INCHES Hg					
No of Boilers: main 1 : aux 1	TYPE main. Cylindrical - NEM Suphrs. fitted. aux. Cochran.		Working Pressure & Temp 200 570 °F. 100 psi satd					
Cylindrical Boilers	Dimensions D x L main 17.75 x 12.75 aux. 7.5 x 16.25 (h) ft		Total Heating Surface main 4250 aux 730 Sq. Ft		Total Grate Area 82.5 31.5 Sq. Ft			
	Steam Space Volume — cubic feet		Furnaces: total 4 no 1 : dia — ft — inches : length — ft — inches					
	Boiler Tubes: Diameter 3 inches : length — ft — inches							
Watertube Boilers	Total Heating Surface Sq. Ft		Combustion Space cubic feet		Fuel oil/coal		Draught: Natural ✓ Aux Forced ✓ main	
Propeller(s): No. 1 RH LH: Dia 13.75 ft: pitch 13.0 ft: No. of blades 4 built: solid ✓ : material bronze.								
Shafting: intermediate shaft, tail shaft diameters: — 10 3/8, 13 inches								
Electric Generators: No. x type x K.W. each 1 x 16 KW steam vacip. 1 x 3 KW (emer.) Voltage 110 d.c.								
TRIAL INFORMATION								
Displacement 2645 Tons: Draught 9.97 ft: Cb — 0.69 : Speed — 11.7 Knots								
S.H.P. — R.P.M. 103.5 Steam Pressure 195 psi : & Temp. at Engine 540 °F : Vacuum 28.3 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 211299 . Net Profit £ 30311								
CAREER								
Initial Trade: Swatow - Bangkok - Hong Kong.								
Sept 1926 - Severely damaged by typhoon and towed into Hong Kong.								
July 1952 - Sold to Wha Tai Co. Bangkok and renamed Mecca Nava.								
1957 - Kiat Navi.								
1961 - Sold for breaking up at Hong Kong.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. GRACIA.		SHIP No	510	DELIVERY YEAR
Scotts' S & E Co. Ltd. C.D.	Cargo/Frig.	SHIP OWNER	Donaldson Bros. Glasgow		ENGINE No	578	1921
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	414.0	54.0	33.42	26.99		5642	3537
							Displacement
							12706
							Deadweight
							8770
SALA CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
457800	0.74	Clincher	Steel	Schooner	L.R.	2962	2
DATES	Order 29 May 1916		Keel Lay 14 Sept 1919		Launch 6-May 1921		Delivery 23 Jun 1921
Passengers Carried	1st Cl 6		2nd Cl -		3rd Cl -		Launch Sponsor Mrs. Gavin, d. of Mr. Charles Donaldson
MACHINERY							
SUPPLIER	Scotts' S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines}				
GEARING Double Reduction.						PROPULSION MODE Screw.	
SHP 3250		DESIGN RPM 88.5		DESIGN SPEED 12 KNOTS		CONDENSER COOLING SURFACE 3000 SQ. FT.	
				DESIGN VACUUM INCHES Hg			
No of Boilers: main	4 : aux -		TYPE Cylindrical			N.E.M superheaters fitted.	
						Working Pressure & Temp 200 p.s.i. 525 °F	
Cylindrical Boilers	Dimensions D x L		15.75 x 11.5 ft		Total Heating Surface		10468 Sq. Ft.
					Total Grate Area		229.6 Sq. Ft.
	Steam Space Volume - cubic feet		Furnaces: total no 12 : dia 3 ft 8 3/4 inches : length - ft - inches				
	Boiler Tubes : Diameter 3 inches : length - ft - inches						
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume. cubic feet		Fuel: Oil		Draught: Natural Forced ✓
Propeller(s): No. 1 ✓ RH LH: Dia 17.5 ft: pitch 16.5 ft: No. of blades 4 built ✓ solid : material bronze							
Shafting: intermediate shaft, tail shaft diameters :- 14 3/8, 16 1/2 / 18 inches							
Electric Generators: No. x type x K.W. each 1 x 20 kW Steam Recip 1 x 12 1/2 kW Voltage 110 d.c.							
TRIAL INFORMATION							
Displacement 6030 Tons: Draught 13.7 ft: Cb - 0.694 : Speed - 12.2 Knots							
S.H.P. - R.P.M. 76.9 Steam Pressure 190 p.s.i. & Temp. at Engine 485 °F : Vacuum 28.2 inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 331878 Net Profit £ 43221							
CAREER							
Initial Trade: Glasgow / Liverpool to North Pacific ports.							
1940 : Mined & badly damaged - Mersey.							
19 Feb 1941 : Bombed and sunk, 59.39N 07.24W.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. TROILUS.		SHIP No	503	DELIVERY YEAR
Scotts S&E Co. Ltd. CD.	Cargo Liner	SHIP OWNER	China Mutual Steam Navigation Co. Liverpool		ENGINE No	571	1921
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	452.0	56.0	35.25	28.04		7648	4934
						Displacement	Deadweight
						14900	9600
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
517040	0.737	Clincher	Steel	Schooner		3708	2
DATES	Order 6 Dec 1919		Keel Lay 14 Feb 1919	Launch 28 Dec 1920	Delivery 23 Aug 1921		
Passengers Carried	1st CI 6		2nd CI -	3rd CI portable 36	Launch Sponsor		
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. both with astern turbines}				
GEARING	Double Reduction.					PROPULSION MODE	Screw.
	SHP 6000		DESIGN SPEED 14.2 KNOTS		CONDENSER COOLING SURFACE 7200 SQ. FT.		
	DESIGN RPM 99.2		DESIGN VACUUM 28 INCHES Hg				
No of Boilers: main 2 : aux 1	TYPE Cylindrical		main (D.E.) NEM superheated		Working Pressure & Temp 220 psi 570 °F		
	aux. (S.E.) fitted						
Cylindrical Boilers	main 17.125 x 21.2		Total Heating Surface main 12516		Total 144		
	aux 13.33 x 9.96 ft		aux 1562 Sq. Ft.		Grate Area 43 Sq. Ft.		
	Steam Space Volume - cubic feet		Furnaces: total 16		no 3 : dia 3 ft 7 inches : length - ft - inches		
	Boiler Tubes: Diameter 3 inches : length - ft - inches						
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume cubic feet		Fuel: Coal		Draught: Natural ✓ Aux. Forced ✓ Main.
Propeller(s): No. 1 ✓ RH LH: Dia 19.0 ft: pitch 16.75 ft: No. of blades 4 built ✓ : solid : material brass.							
Shafting: intermediate shaft, tail shaft diameters:- 17, 19 1/2 / 21 3/8 inches							
Electric Generators: No. x type x K.W. each 1 x 16 KW petrol 2 x 26 KW steam recip. Voltage: 110 d.c.							
TRIAL INFORMATION							
Displacement		Tons: Draught 17.42 ft: Cb - 0		Speed - 13.13 Knots			
S.H.P. 5310 R.P.M. 90.0		Steam Pressure : & Temp. at Engine 202 psi 560 °F		Vacuum 28 inches Hg			
CONTRACT OUTCOME							
Invoice Price £ 467956				Net Profit £ 42507			
CAREER							
Initial Trade:							
31 st August 1944 - Sunk by submarine U 859 east of Socotra Island in the Indian Ocean en route Colombo - Aden - Liverpool. 24 lost.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KIUNGCHOW.				SHIP No 507	DELIVERY YEAR
Scott's S&E Co Ltd CB	Cargo Liner	SHIP OWNER	China Navigation Co. London.				ENGINE No 575	1921
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	310.0	44.0	23.0	18.13		2653	1545	5165
SALE CAPACITY Gross Tons	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
163520	0.736	Clincher	Steel	Schooner	B. o. T.	1331	2	
DATES	Order 28 Nov 1918.			Keel Lay 24 Jul 1920	Launch 22 Jul 1921	Delivery 26 Sep 1921		
Passengers Carried	1st Cl 8	2nd Cl	3rd Cl	natives in two decks 18	Launch Sponsor			
MACHINERY								
SUPPLIER	Scott's S&E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. both with astern turbines}					
GEARING Double Reduction.						PROPULSION MODE Screws.		
SHIP 1600 DESIGN RPM 100			DESIGN SPEED 11 1/2 KNOTS DESIGN VACUUM INCHES Hg			CONDENSER COOLING SURFACE 1600 SQ. FT.		
No of Boilers: main 1 : aux 1		main. cylindrical. - NEM sup'ts. fitted. TYPE aux. Cochran.				Working 200 570 °F Pressure & Temp 100 psi sat'd °F		
Cylindrical Boilers	main 17.75 x 12.75 Dimensions DxL aux 7.5 x 16.25 (h) ft		Total Heating main 4250 Surface aux. 730 Sq. Ft			Total 82.5 Grate Area 31.5 Sq. Ft		
	Steam Space Volume - cubic feet		Furnaces: total 4 : dia 3 ft 9 inches : length - ft - inches					
	Boiler Tubes: Diameter 3 inches : length - ft - inches							
Watertube Boilers	Total Heating Surface Sq. Ft		Combustion Space Volume cubic feet		Fuel oil / coal	Draught: Natural / aux. Forced / main		
Propeller(s): No. 1 RH LH: Dia 13.75 ft: pitch 13.0 ft: No. of blades 4 built : solid ✓ : material bronze								
Shafting: intermediate shaft, tail shaft diameters :- 10 3/8, 13 inches								
Electric Generators: No. x type x K.W. each 1 x 16 kW Steam recip 1 x 3 kW (emer.) Voltage 110 d.c.								
TRIAL INFORMATION								
Displacement 2840 Tons: Draught 10.64 ft: Cb - 0 : Speed - 11.3 Knots								
S.H.P. 1445 R.P.M. 100.5 Steam Pressure 176 psi : & Temp. at Engine 520 °F : Vacuum 28.25 Inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 197650 Net Profit £ 25683								
CAREER								
Initial Trade: Haiphong via Hoihow & Pakhoi.								
28 Nov 1942 : Fire broke out while loading aircraft fuel at Tobruk.								
ship eventually scuttled in shallow water to extinguish fire.								
Raised and acquired by M.O.W.T. on special agreement.								
Sold to British India Stm. Nav. Co. - 1946. Renamed Kilwa.								
15 Apr 1956 : Arrived Hong Kong for breaking.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. KINGYUAN.		SHIP No	508	DELIVERY YEAR		
Scotts S&E Co. Ltd. CB.	General Cargo.	SHIP OWNER	China Navigation Co. London.		ENGINE No	576	1921.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	310.0	44.0	23.0	18.13		2653	1546	5165	3150
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
163520	0.736	Clincher	Steel	Schooner.	B.O.T.	1331	2		
DATES	Order 28 Nov 1918		Keel Lay 28 Dec 1920		Launch 31 Aug 1921		Delivery 21 Oct 1921		
Passengers Carried	1st Cl 8		2nd Cl -		3rd Cl 18		Launch Sponsor		
MACHINERY									
SUPPLIER		Scotts S&E Co. Ltd. TYPE Brown Curtis Steam Turbines {hp.+l.p. both with astern turbines}							
GEARING Double Reduction.						PROPULSION MODE Screw.			
SHP 1600		DESIGN RPM 100		DESIGN SPEED 11 1/2 KNOTS		CONDENSER COOLING SURFACE 1600 SQ. FT.			
DESIGN VACUUM		INCHES Hg		No of Boilers: main 1 : aux 1		TYPE main. Cylindrical - NEM Suphtys. aux. Cochran			
Working Pressure		200		570 °F		Satd. °F			
Cylindrical Boilers	main. 17.75 x 12.75		Total Heating Surface main 4250		Total 82.5		Sq. Ft.		
	aux. 7.5 x 16.25 (W) ft		aux 730		Sq. Ft.		Grate Area 31.5		
	Steam Space Volume - cubic feet		Furnaces: no 4 : dia 3 ft 9 inches		length - ft - inches				
	Boiler Tubes: Diameter 3 inches		length - ft - inches						
Water Tube Boilers	Total Heating Surface - Sq. Ft.		Combustion Space - cubic feet		Fuel oil/coal		Draught: ✓ Natural aux. ✓ Forced main.		
Propeller(s): No. 1 ✓ RH LH: Dia 13.75 ft: pitch 13.0 ft: No. of blades 4 built: solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters:- 10 3/8, 13. inches									
Electric Generators: No. x type x K.W. each 1 x 16 kW steam recip (emer.) 1 x 3 kW Voltage 110 d.c.									
TRIAL INFORMATION									
Displacement 2845 Tons: Draught 10.67 ft: Cb - 0. : Speed - 11.27 Knots									
S.H.P. - R.P.M. 102.7 : Steam Pressure 190 psi : Vacuum 28.66 inches Hg									
: & Temp. at Engine 540 °F									
CONTRACT OUTCOME									
Invoice Price £194418					Net Profit £28609.				
CAREER									
Initial Trade: Swatow - Bangkok - Hong Kong.									
14 April 1944: Gutted by fire at Bombay docks after 'Fort Stikine' explosion.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. PHEMIUS.		SHIP No 504	DELIVERY YEAR				
Scotts S&E. Co. Ltd. -CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No 572	1921				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	452.0	56.0	35.25	28.04		7669	4751	14900	9600	
SALE CAPACITY GROSS TON	G ₀	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
517040	0.737	Clincher	Steel.	Schooner		3708	2			
DATES	Order 24 Jun 1920 Contract		Keel Lay 14 Jun 1919		Launch 6 Sept 1921	Delivery 11 Nov 1921				
Passengers Carried	1st Cl 6		2nd Cl - 3rd Cl 36 portable		Launch Sponsor					
MACHINERY										
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines}							
GEARING	Double Reduction.					PROPULSION MODE Screw				
SHIP DESIGN RPM	SHP 6000		DESIGN SPEED DESIGN VACUUM		14.2 KNOTS INCHES Hg	CONDENSER COOLING SURFACE 7200 SQ. FT.				
No of Boilers: main	2 : aux 1		TYPE Cylindrical main (D.E.) N.E.M. supplied aux. (S.E.) fitted.			Working Pressure & Temp 220 p.s.i. 635 °F				
Cylindrical Boilers	Dimensions D x L		main 17.25 x 21.2 aux 13.33 x 9.96 ft		Total Heating Surface	12516 1562	Sq. Ft.	Total Grate Area	144 43	Sq. Ft.
	Steam Space Volume		— cubic feet		Furnaces: total	16	no	3	dia 3 ft 7 inches	length — ft — inches
	Boiler Tubes: Diameter		3 inches		length	— ft — inches				
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.	cubic feet	Fuel: Coal	Draught: Natural ✓ Aux Forced ✓ Main		
Propeller(s): No. 1 ✓ RH LH: Dia 19.0 ft: pitch 16.75 ft: No. of blades 4 built ✓ : solid : material brass										
Shafting: intermediate shaft, tail shaft diameters:— 17, 19½/21½ inches										
Electric Generators: No. x type x K.W. each 2 x 26 kW steam recip Voltage 110 d.c.										
TRIAL INFORMATION										
Displacement 8640 Tons: Draught 17.3 ft: Cb - 0.697 : Speed — — Knots										
S.H.P. 6350 R.P.M. 95.0 Steam Pressure 200 p.s.i. : & Temp. at Engine 580 °F : Vacuum inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 468183 Net Profit £ 42452.										
CAREER										
Initial Trade:										
1942. - Operated - Port Said - Malta.										
19 Dec 1943 - Sunk by U-515 off west coast of Africa.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. ACONCAGUA.		SHIP No	516	DELIVERY YEAR			
Scotts' S & E Co. Ltd CB	Cargo Passenger	SHIP OWNER	Comp. Sud America de Vapores: Valparaiso.		ENGINE No	586	1922			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	421.75	56.0	33.0	27.0		7289	3913	11207	6372	
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOLVED STEEL WEIGHT - TONS	No. of Masts	
268064	0.644	Clincher	Steel		Schooner	L.R.		3150	2	
DATES	Order 28 Apr 1920		Keel Lay	9 Feb 1921		Launch 11 Feb 1922		Delivery 8 Aug 1922		
Passengers Carried	1st CI 106+29 cots.		3rd CI 88		Launch Sponsor Mme. de Santa Cruz.					
MACHINERY								Wife of Chilean Consul General in the U.K.		
SUPPLIER		Scotts' S & E Co. Ltd. TYPE Brown Curtis Steam Turbines {h.p.+l.p.(incorp.astern)}								
GEARING Single Reduction.						PROPULSION MODE			Twin Screw	
SHP DESIGN RPM		7500 135		DESIGN SPEED 17 KNOTS		DESIGN VACUUM		CONDENSER COOLING SURFACE 8000 SQ. FT.		
No of Boilers: main 6 : aux		TYPE Cylindrical with NEM superheaters						Working Pressure & Temp 215 p.s.i. 560 °F		
Cylindrical Boilers	Dimensions D x L		16.5 x 11.75 ft		Total Heating Surface		17832 Sq. Ft.		Total Grate Area	385.8 Sq. Ft.
	Steam Space Volume		— cubic feet		Furnaces: total no		18 : dia 3 ft 11 3/4 inches : length — ft — inches			
	Boiler Tubes: Diameter		3 inches : length — ft — inches							
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel: Oil	Draught: Natural Forced
Propeller(s): No. 2 ^{VRH} LH: Dia 13.83 ft: pitch 13.75 ft: No. of blades 4 ^{built solid} : material bronze.										
Shafting: intermediate shaft, tail shaft diameters:— 12 3/4, 14 1/2 / 16 1/8 inches										
Electric Generators: No. x type x K.W. each — 3 x 40 kw. } steam recip. Voltage 110 v. d.c. 1 x 25 kw.										
TRIAL INFORMATION										
Displacement 11,177 Tons: Draught 25.92 ft: Cb — 0.645 : Speed — 17.48 Knots										
S.H.P. 8450 R.P.M. 137.4 Steam Pressure 193 p.s.i. : & Temp. at Engine 550 °F : Vacuum — 27 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 551317 Net Profit £ 7410										
CAREER										
Initial Trade: Chile — New York via Panama.										
1931:— Laid up in Valparaiso during world depression.										
1932:— Handed over to Lithgows in part payment for 4 passgr/cargo liners built there.										
1932-33: Laid up in Kyles of Bute										
1935: Became Khedive Ismail — Khedival Mail Steamers.										
12 February 1944 — Torpedoed by Japanese submarine I 27 near Maldivie Is. carrying 1324 troops + 183 crew. of whom only 190 + 49 survived.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. PHILOCTETES.		SHIP No	505	DELIVERY YEAR			
Scotts S & E Co. Ltd. CD.	Cargo Liner	SHIP OWNER	China Mutual Steam Navigation Co Liverpool		ENGINE No	573	1922			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	503.0	63.0	44.5	32.05		11446	7187	21612	14287	
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
780080	0.746	Clincher	Steel.		Schooner		5453	2		
DATES	Order Contract		1 May 1922		Keel Lay	Launch 25 May 1922		Delivery 8 Aug 1922		
Passengers Carried	1st Cl 6				2nd Cl -		3rd Cl -		Launch Sponsor -	
MACHINERY										
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. both with steam turbines}							
GEARING	Double Reduction.					PROPULSION MODE Twin Screws.				
	SHIP 7000		DESIGN RPM 120		DESIGN SPEED 14.5 KNOTS		CONDENSER COOLING SURFACE 7616 SQ. FT.			
					DESIGN VACUUM INCHES Hg					
No of Boilers: main	3 : aux -		TYPE Cylindrical (D.E.) N.E.M. Superheaters fitted.				Working Pressure & Temp 220 psi 620 °F			
Cylindrical Boilers	Dimensions D x L 15.75 x 21.0 ft				Total Heating Surface 14946 Sq. Ft.		Total Grate Area 345 Sq. Ft.			
	Steam Space Volume 2790 cubic feet				Furnaces: total no 18 : dia 3 ft 10 inches : length - ft - inches					
	Boiler Tubes: Diameter 3 inches : length - ft - inches									
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel: Coal	Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 2 ^{VRH} LH: Dia 16.0 ft: pitch 14.0 ft: No. of blades 4 ^{built} solid ^{material} brass.										
Shafting: intermediate shaft, tail shaft diameters:- 13 1/4, 16 1/2 / 15. inches										
Electric Generators: No. x type x K.W. each 2 x 26 KW steam. recip. Voltage 110 d.c										
TRIAL INFORMATION										
Displacement 10650 Tons: Draught 17.13 ft: Cb - 0.691 : Speed - 13.31 Knots										
S.H.P. 5563 R.P.M. Steam Pressure 200 psi : & Temp. at Engine 550 °F : Vacuum 29 inches Hg										
CONTRACT OUTCOME										
Invoice Price £ 570101. Net Profit £ 51896										
CAREER										
Initial Trade: Far East - USA service										
August 1940 - Sold to H.M.G. to become destroyer depot ship										
H.M.S. Philoctetes.										
1948 - Scrapped at Newport (Mon.).										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NEWCHWANG		SHIP No	519	DELIVERY YEAR		
Scotts CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	589	1922		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	295.0	44.0	21.75	18.4		2480	1501	5088	2330
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
153788	0.75	Clincher	Steel		Schooner	B.O.T	1128	2	
DATES	Order 13 Dec. 1918		Keel Lay 14 Sept 1921		Launch 8 Aug 1922		Delivery 14 Sep 1922		
Passengers Carried	1st Cl 2	2nd Cl	3rd Cl 54 Chinese Steerage		Launch Sponsor				
MACHINERY									
SUPPLIER Scotts					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 18 29 47 INCHES					STROKE 3.25 FT.		PROPULSION MODE Screw		
N.H.P. 113	I.H.P. 1100		DESIGN SPEED		10 KNOTS		CONDENSER COOLING SURFACE 1201 SQ. FT.		
EXPANSION RATIO 9.8	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume		
No of Boilers: main 2 : auxiliary		TYPE: cylindrical		N.E. Supply fitted.		Working Pressure: main 200 p.s.i. auxiliary -			
Dimensions D x L 13.5 x 11.75 ft				Total Heating Surface 3938 Sq. Ft.		Total Grate Area 91 Sq. Ft.			
Steam Space Volume — cubic feet				Furnaces: total no 4 : dia 4 ft 0 1/4 inches : length ft inches					
Boiler Tubes : Diameter 3 inches : length ft inches				Fuel: Coal		Draught: Natural Forced ✓			
Propeller(s): No. 1 ✓ RH LH: Dia 13.0 ft : pitch 11.25 ft : No. of blades 4				built solid ✓		material bronze			
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10 3/4 10 1 1/8 inches									
Electric Generators : No. 1 : 16 K.W. each : Voltage 110 v. d.c.									
TRIAL INFORMATION									
Displacement 2406 Tons : Draught 9.42 ft : Cb - 0.699 : Speed - 11.87 Knots									
I.H.P. 1506 R.P.M. 123.5 Steam Pressure at Engine 186 p.s.i. : Vacuum 28.35 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 100692					Net Profit £ 13437.				
CAREER									
Initial Trade: China Coaster									
1942 - commissioned by Royal Navy as F-30									
1946 - returned to owners.									
26 June 1950 - sold for scrapping to Wing Tak, Kowloon.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NANCHANG		SHIP No	509	DELIVERY YEAR
Scotts CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	590	1922
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	295.0	44.0	21.75	18.4		2488	1506
							Displacement
							5088
							Deadweight
							2330
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYWINDL STRUT WEIGHT - TONS	No. of Masts
113	0.75	Clincher	Steel	Schooner	B.O.T	1128	2
DATES	Order 13 Dec 1918		Keel Lay 14 Sep 1921	Launch 27 Sep 1922		Delivery 31 Oct 1922	
Passengers Carried	1st Cl 2	2nd Cl	3rd Cl 54	Chinese Steerage	Launch Sponsor		
MACHINERY							
SUPPLIER Scotts				TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 18 29 47 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw	
N.H.P. 113	I.H.P. 1100		DESIGN SPEED 10 KNOTS		CONDENSER COOLING SURFACE 1201 SQ. FT.		
EXPANSION RATIO 9.8		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$			
No of Boilers: main 2 : auxiliary		TYPE: Cylindrical		N.E. Supplrs fitted		Working Pressure: main 200 p.s.i. : auxiliary	
Dimensions D x L 13.5 x 11.75 ft		Total Heating Surface 3938 Sq. Ft.		Total Grate Area 91 Sq. Ft.			
Steam Space Volume - cubic feet		Furnaces: total no 4 : dia 4 ft 0 $\frac{1}{4}$ inches : length ft inches					
Boiler Tubes : Diameter 3 inches : length ft inches		Fuel Coal		Draught : Natural Forced <input checked="" type="checkbox"/>			
Propeller(s) : No. 1		RH LH: Dia 13.0 ft : pitch 11.25 ft : No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material bronze	
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :- 10 $\frac{3}{4}$ 10 11 $\frac{5}{8}$ inches							
Electric Generators : No. 1 : 16 K.W. each : Voltage 116 V. d.c.							
TRIAL INFORMATION							
Displacement Tons : Draught ft : Cb -		Speed -		Knots			
I.H.P. R.P.M.		Steam Pressure at Engine p.s.i. : Vacuum inches Hg					
CONTRACT OUTCOME							
Invoice Price £ 97439				Net Profit £ 11273			
CAREER							
Initial Trade: China Coaster							
29 th March 1932 - attacked by pirates when at anchor off Newchwang Bar. 4 Officers kidnapped.							
8 th July 1950 - sold for scrapping to Wing Tak - Kowloon.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. TENO.		SHIP No 517	DELIVERY YEAR			
Scotts S & E Co. L ^{td} CB.	Cargo Passenger	SHIP OWNER	Comp. Sud. America de Vapores. Valparaiso.		ENGINE No 587	1922			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	421.75	56.0	33.0	27.0		7289	3886	11207	6372
SALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		REGISTERED STEEL WEIGHT - TONS	No. of Masts
268064	0.644	Clincher	Steel.		Schooner	L.R.		3150	2
DATES	Order 28 Apr 1920		Keel Lay 9 Feb 1921		Launch 5 Sep 1922		Delivery 29 Dec 1922.		
Passengers Carried	1st CI 106 + 29 cots.		3rd CI 88		Launch Sponsor				
MACHINERY									
SUPPLIER Scotts S & E Co. L ^{td} .		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern)}							
GEARING Single Reduction.						PROPULSION MODE Twin Screw			
SHP 7500 DESIGN RPM 135		DESIGN SPEED 17 KNOTS DESIGN VACUUM INCHES Hg		CONDENSER COOLING SURFACE 8000 SQ. FT.					
No of Boilers: main 6 : aux -		TYPE Cylindrical with NEM Suphts				Working Pressure & Temp 215 p.s.i. 580 °F			
Cylindrical Boilers	Dimensions D x L 16.5 x 11.75 ft		Total Heating Surface 17832 Sq. Ft		Total Grate Area 385.8 Sq. Ft				
	Steam Space Volume - cubic feet		Furnaces: total no 18 : dia 3 ft 11 3/4 inches : length ft inches						
	Boiler Tubes: Diameter 3 inches : length - ft - inches								
Watertube Boilers	Total Heating Surface Sq. Ft		Combustion Space Volume cubic feet		Fuel: Oil		Draught: Natural Forced ✓		
Propeller(s): No. 2 ✓ RH LH: Dia 13.83 ft: pitch 13.75 ft: No. of blades 4 built: solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters: - 12 3/4, 14 1/2 / 16 1/8 inches									
Electric Generators: No. x type x K.W. each 3 x 40 KW } steam 1 x 25 KW } recip Voltage 110v. d.c.									
TRIAL INFORMATION									
Displacement 11218 Tons: Draught 26.0 ft: Cb - 0.644 : Speed - 17.91 Knots									
S.H.P. - R.P.M. 140.55 Steam Pressure 201 p.s.i. : & Temp. at Engine 520 °F : Vacuum - 27.6 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 466480					Net Profit £ 60788				
CAREER									
Initial Trade: Chile - New York via Panama.									
1931: Laid up in Valparaiso - world depression									
1932/3: Handed over to Lithgows in part payment for 4 passenger/cargo liners									
1932/3: Laid up in Kyles of Bute. - built there.									
1935: Became Mohamed Ali El Kebir - Khedival Mail Steamers.									
7 Aug 1940: Torpedoed and sunk by U.38 off West coast of Ireland.									
740 survivors landed - 120 lost.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ADRASTUS.		SHIP No	515		DELIVERY YEAR
Scotts S & E Co. Ltd. CD.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	585		1923
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	452.0	58.0	35.25	28.2		7936	4962	15188
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
535080	0.719	Clincher	Steel.		Schooner		3664	2
DATES	Order 16 Oct 1922		Keel Lay 14 Dec 1921		Launch 5 Dec 1922		Delivery 20 Feb 1923	
Passengers Carried	1st Cl 6 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. L.D. Holt.			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines.}						
GEARING Single Reduction.						PROPULSION MODE Screws.		
SHIP 6000 DESIGN RPM 115		DESIGN SPEED 14.2 KNOTS		DESIGN VACUUM INCHES Hg		CONDENSER COOLING SURFACE 7200 SQ. FT.		
No of Boilers: main 2 : aux 1		TYPE Cylindrical		main (D.E.) NEM Superheats aux (S.E.) fitted.		Working Pressure & Temp 220 p.s.i. 630 °F		
Cylindrical Boilers	Dimensions D x L		main 17.125 x 21.2 aux. 13.33 x 9.96		Total Heating Surface		main 12381 aux. 1581 Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: no 3		dia 3 ft 7 inches: length - ft - inches	
	Boiler Tubes: Diameter		main 3 aux 2 1/4 inches: length - ft - inches					
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.		cubic feet	
Propeller(s): No. 1		RH LH: Dia 16.75 ft: pitch 14.47 ft: No. of blades 4		built solid		H.T. material brass		
Shafting: intermediate shaft, tail shaft diameters :- 15 3/4, 17 1/2 / 19 inches								
Electric Generators: No. x type x K.W. each 2 x 26 kw steam recip Voltage 115 d.c.								
TRIAL INFORMATION								
Displacement 8702 Tons: Draught 17.3 ft: Cb - 0.675 : Speed - 15.9 Knots								
S.H.P. 6100 R.P.M. 116.0 Steam Pressure 209 p.s.i. : & Temp. at Engine 567 °F : Vacuum 29.6 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 274993 Net Profit £ 25531								
CAREER								
Initial Trade:								
July 1951 - renamed Euryades.								
Aug. 1954 - scrapped at B.I.S.Co., Faslane.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. PATROCLUS				SHIP No 518	DELIVERY YEAR
Scotts S & E. Co. Ltd. CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool				ENGINE No 591	1923
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	490.75	62.0	39.0	30.60		11314	6910	19363
SALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
445200	0727	Clincher	Steel.	Schooner		5246	2	
DATES	Order 1 May 1922 Contract			Keel Lay 14 Jan 1922	Launch 17 Mar 1923	Delivery 30 May 1923		
Passengers Carried	1st Cl 157 2nd Cl - 3rd Cl -				Launch Sponsor	Mrs. Lawrence D. Holt.		
MACHINERY								
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern) }					
GEARING	Single Reduction.					PROPULSION MODE	Twin Screws	
	SHP 7500 DESIGN RPM 130		DESIGN SPEED DESIGN VACUUM		15 KNOTS INCHES Hg	CONDENSER COOLING SURFACE 9000 SQ. FT.		
No. of Boilers: main	3 : aux -		TYPE Cylindrical with N.E.M. subtrs. (D.E.)			Working Pressure & Temp 220 psi 600 °F		
Cylindrical Boilers	Dimensions D x L 17.13 x 21.2 ft			Total Heating Surface 18570 Sq. Ft.		Total Grate Area 432 Sq. Ft.		
	Steam Space Volume - cubic feet			Furnaces: total no 24 : dia 3 ft 7 inches : length - ft - inches				
	Boiler Tubes: Diameter 3 inches : length - ft - inches							
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume cubic feet		Fuel: Coal	Natural Draught: Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH LH: Dia 14.33 ft: pitch 13.33 ft: No. of blades 4 built <input checked="" type="checkbox"/> solid : material brass H.T.								
Shafting: intermediate shaft, tail shaft diameters :- 13 1/2, 15/16 inches								
Electric Generators: No. x type x K.W. each 3 x 100 kW. steam recip. Voltage 110 d.c.								
TRIAL INFORMATION								
Displacement 10280 Tons: Draught 17.67 ft: Cb - 0.674 : Speed - 15.35 Knots								
S.H.P. 8675 R.P.M. 133.4 : Steam Pressure 197 psi : & Temp. at Engine 550 °F : Vacuum 29.5 inches Hg.								
CONTRACT OUTCOME								
Invoice Price £ 446430 Net Profit £ 35000								
CAREER								
Initial Trade:								
1939: Became an armed merchant cruiser.								
12 Nov. 1940: Sunk by U-99 off Northern Ireland. 76 killed.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CENTAUR.		SHIP No	524	DELIVERY YEAR		
Scotts S & E Cold CB.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No	596	1924		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	310.0	48.0	24.0	20.73		3066	1800	6115	3430
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts	
221480	0.6%	Clincher	Steel		Schooner		1634	2	
DATES	Order 23 Nov. 1923		Keel Lay 3 Dec 1923		Launch 5 Jun 1924		Delivery 20 Aug 1924		
Passengers Carried	1st Cl 17 2nd Cl 44 3rd Cl -				Launch Sponsor Miss Holt.				
MACHINERY									
SUPPLIER B & W Copenhagen.		TYPE Burmeister & Wain 4 stroke single acting oil engine.							
CYLINDERS: No. x DIAMETER 6 x 630 MM				STROKE 1300 MM		PROPULSION MODE Screw.			
DESIGN B.H.P. & R.P.M. 1500 x 110				DESIGN SPEED 12½ KNOTS		ASPIRATION NATURAL GAS TURBO MECH. SUPERCHARGE			
Propeller(s): No. 1		RH LH: Dia 13.75 ft: pitch 11.0 ft: No. of blades 4		built solid ✓		H.T. material brass.			
Shafting: intermediate shaft, tail shaft diameters: - 11¼, 12¾/14¼. inches									
Electric Generators: No. x type x K.W. each 3 x 100 KW diesel.				Voltage 220 d.c.					
TRIAL INFORMATION									
Displacement 3291		Tons: Draught 12.33		ft: Cb - 0.636		: Speed - 12.76 Knots			
I.H.P. 2220		R.P.M. 116.7.							
CONTRACT OUTCOME									
Invoice Price £ 111825				Net Profit £ 1582					
CAREER									
Initial Trade: Singapore - Western Australia.									
13 th May 1943: Whilst serving as a hospital ship, fully illuminated									
and painted in Red Cross colours, 'Centaur' was									
torpedoed and sunk by Japanese submarine I 174.									
- 18 doctors and 12 nurses drowned. - off Queensland (Aus.)									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S.S. HECTOR.		SHIP No	DELIVERY YEAR			
Scotts S & E Co Ltd CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. - Liverpool		ENGINE No 593	1924			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	490.75	62.0	39.0	30.6		11198	6842	19363	11200
SALE CAPACITY	C _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
471040	0.727	Clincher	Steel	Schooner	-	5439	2		
DATES	Order Jan 1923		Keel Lay	14 Apr 1923	Launch	18 Jun 1924	Delivery	16 Sept 1924	
Passengers Carried	1st Cl 175 2nd Cl - 3rd Cl -				Launch Sponsor	Hon. Mrs. Cripps.			
MACHINERY									
SUPPLIER	Scotts S & E Co. Ltd		TYPE Brown Curtis Steam Turbines {h.p. + l.p. (incorp. astern)}						
GEARING Single Reduction.					PROPULSION MODE Twin Screws				
SHP 7500		DESIGN RPM 130		DESIGN SPEED 15 KNOTS		CONDENSER COOLING SURFACE 9000 SQ. FT.			
DESIGN VACUUM		INCHES Hg		Working Pressure & Temp 220 p.s.i. 600°F					
No of Boilers: main	3 : aux -		TYPE Cylindrical with N.E.M. superheaters (D.E.)						
Cylindrical Boilers	Dimensions D x L 17.13 x 21.2 ft			Total Heating Surface 18570 Sq. Ft.		Total Grate Area 432 Sq. Ft.			
	Steam Space Volume - cubic feet			Furnaces: total no 24 : dia 3 ft 7 inches : length - ft - inches					
	Boiler Tubes: Diameter 3 inches : length ft inches								
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume cubic feet		Fuel: Oil		Natural Draught: Forced ✓		
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 14.33 ft: pitch 13.33 ft: No. of blades 4 built ✓ solid : material H.T. brass									
Shafting: intermediate shaft, tail shaft diameters :- 13 1/4, 15/16 1/2 inches									
Electric Generators: No. x type x K.W. each 4 x 100 KW. steam recip. Voltage 100 d.c									
TRIAL INFORMATION									
Displacement 10287 Tons: Draught 17.6 ft: Cb - 0.673 : Speed - 14.22 Knots									
S.H.P. 7902 R.P.M. 128.6 Steam Pressure 197 p.s.i. : Vacuum 29.5 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 419254. Net Profit £ 35000									
CAREER									
Initial Trade:									
1940 - Converted into an armed merchant cruiser.									
5th April 1942 - Bombed and sunk in Colombo harbour.									
1946 - Raised and scrapped.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ASPHALION		SHIP No	DELIVERY YEAR
Scotts S&E Co. Ltd CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No 594	1924
TECHNICAL INFORMATION						
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross
	425.0	54.5	32.75	26.25		6273
						Register
						3836
						Displacement
						12536
						Deadweight
						7740
SALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BY-PRODUCTS WEIGHT - TONS
315160	0.724	Clincher	Steel	Schooner		3060
						No. of Masts
						2
DATES	Order	Dec. 1922	Keel Lay	26 Mar 1923	Launch	2 Sept 1924
						Delivery 15 Nov. 1924
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	Portable Steerage 32
						Launch Sponsor
MACHINERY						
SUPPLIER	Scotts S&E Co. Ltd	TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines}				
GEARING	Double Reduction.					PROPULSION MODE
						Screw.
	SHP	3700	DESIGN RPM	78	DESIGN SPEED	14 KNOTS
					DESIGN VACUUM	INCHES Hg
						CONDENSER COOLING SURFACE
						4500 SQ. FT.
No of Boilers: main	2	: aux	1	TYPE	Cylindrical	Main (DE) NEM Subtypes
						Aux. (S.E.) fitted
						Working Pressure & Temp 220 p.s.i. 550 °P
Cylindrical Boilers	Dimensions D x L		main. 16.25 x 19.0		Total Heating Main 9722	
	aux. 13.33 x 9.92		ft		Surface Aux. 1581	
					Sq. Ft.	
					Total 230	
	Steam Space Volume		cubic feet		Furnaces: total 12	
					no 3 : dia 3 ft 10 inches: length - ft - inches	
	Boiler Tubes: Diameter		main - 3		aux - 2 1/2 inches: length - ft - inches	
					(Hawden Ljungstrom air heaters fitted)	
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space Volume.	
					cubic feet	
					Fuel: Coal	
					Draught: Natural / Aux. / Main	
					H.T. / material brass.	
Propeller(s): No.	1	✓ RH	LH: Dia 19.0 ft: pitch 18.25	ft: No. of blades	4	built / solid
						: material brass.
Shafting: intermediate shaft, tail shaft diameters :-	15 1/4 . 17 . inches					
Electric Generators: No. x type x K.W. each	2 x 26 1/2 KW. steam recip. Voltage 100. d.c.					
TRIAL INFORMATION						
Displacement	7248	Tons: Draught	16.1	ft: Cb - 0.679	: Speed -	Knots
S.H.P. 3620	R.P.M. 80.4	Steam Pressure	211 p.s.i.	: Vacuum	28.7	inches Hg.
		: & Temp. at Engine	520 °F			
CONTRACT OUTCOME						
Invoice Price	£ 232347			Net Profit £ 21212.		
CAREER						
Initial Trade:						
11 February 1944 - Escaped Indian Ocean torpedo attack.						
June 1959 - Sold and scrapped at Hong Kong.						

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. POLYDORUS.		SHIP No	523	DELIVERY YEAR					
Scotts S&E Co. Ltd CD.	Cargo liner	SHIP OWNER	Ocean Steamship Co. Liverpool		ENGINE No	595	1925					
TECHNICAL INFORMATION												
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight			
	425.0	54.5	32.75	26.25		6246	3820	12536	7790			
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts				
446400	0.724	Clincher	Steel		Schooner	B.C.	3174	2				
DATES	Order 28 Apr. 1924		Keel Lay 1st Feb. 1924		Launch 27 Nov. 1924		Delivery 26 Jan 1925					
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Portable Steering 16	Launch Sponsor Lady Susan Townley.						
MACHINERY												
SUPPLIER Scotts S&E Co. Ltd		TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines.}										
GEARING Double Reduction						PROPULSION MODE Screw.						
SHP 3700		DESIGN RPM 78		DESIGN SPEED 14 KNOTS		CONDENSER COOLING SURFACE 4500 SQ. FT.						
No of Boilers: main 2 : aux 1		TYPE Cylindrical				Main (D.E.) NEM Suplters		Working Pressure & Temp 220 p.s.i. 550 °F				
Cylindrical Boilers	Dimensions D x L		main 16.25 x 19.0		Total Heating Surface 9722		main 1581		Total 230			
	aux 13.33 x 9.92 ft				aux. Sq. Ft		43		Sq. Ft			
	Steam Space Volume		cubic feet		Furnaces: total 12		3 : dia 3 ft 10		inches: length - ft - inches			
Boiler Tubes: Diameter		o.d. main 3		aux 2 3/4		inches: length		ft		inches (No air heaters fitted)		
Watertube Boilers	Total Heating Surface		Sq. Ft		Combustion Space Volume.		cubic feet		Fuel: Oil		Natural Draught: Forced ✓	
Propeller(s): No. 1		VRH LH: Dia 19.0 ft: pitch 18.25		ft: No. of blades 4		built ✓		solid		H.T. material brass.		
Shafting: intermediate shaft, tail shaft diameters :- 15 1/4 . 17 . inches												
Electric Generators: No. x type x K.W. each 2 x 26 1/4 KW steam recip. Voltage 100 . d.c.												
TRIAL INFORMATION												
Displacement 7707		Tons: Draught 17.13		ft: Cb - 0.71		Speed - 13.8 Knots						
S.H.P. 3810 R.P.M. 82.0		Steam Pressure : & Temp. at Engine		217 p.s.i. 545 °F		: Vacuum		29.4 inches Hg				
CONTRACT OUTCOME												
Invoice Price £ 221423					Net Profit £ 20219							
CAREER												
Initial Trade:												
1925 - Transferred to N.S.M.O.												
27 Nov. 1942 - Sunk by U176 760 miles west of Freetown.												

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ANKING		SHIP No	527	DELIVERY YEAR
Scotts S & E Co. Ltd. CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	599	1925
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	336.0	49.0	26.5	21.6		3472	2047
							Displacement
							7220
							Deadweight
							4619
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
288760	0.713	Clincher	Steel	Schooner	B.o.T.	1396	2
DATES	Order 21 Oct 1924		Keel Lay 1 Sep 1924		Launch 6 Feb 1925		Delivery 12 Mar 1925
Passengers Carried	8 Euro 1st Cl 20 Chinese 2nd Cl		3rd Cl		Launch Sponsor		
MACHINERY							
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Brown Curtis Steam Turbines {h.p.+l.p. both with astern turbines}				
GEARING	Double Reduction.					PROPULSION MODE	Screw.
	SHP	2300	DESIGN RPM	89.3	DESIGN SPEED	12 KNOTS	CONDENSER COOLING SURFACE
					DESIGN VACUUM	INCHES Hg	2880 SQ. FT.
No of Boilers: main	3	: aux	-	TYPE Cylindrical	NEM Superheaters fitted.		Working Pressure & Temp 220 p.s.i. 525 °F
Cylindrical Boilers	Dimensions D x L		14.375 x 11.75	ft	Total Heating Surface	7260 Sq. Ft.	Total Grate Area
	Steam Space Volume		-	cubic feet	Furnaces: total no	9	: dia 3 ft 3 3/4 inches: length
	Boiler Tubes: Diameter		3	inches: length	-	ft	- inches
Watertube Boilers	Total Heating Surface	Sq. Ft.	Combustion Space Volume.	cubic feet	Fuel: Oil	Draught: Natural Forced	✓
Propeller(s): No.	1	✓ RH	LH: Dia 16.25 ft: pitch	14.25	ft: No. of blades	4	built ✓: solid
Shafting: intermediate shaft, tail shaft diameters:-	12 3/16, 15 7/16						inches
Electric Generators: No. x type x K.W. each	1 x 20 KW steam recip.						Voltage 110 v. d.c.
TRIAL INFORMATION							
Displacement	3506	Tons: Draught	11.33	ft: Cb	-0.661	: Speed	13.34 Knots
S.H.P.	-	R.P.M.	96.5	Steam Pressure	200 p.s.i.	: Vacuum	28 inches Hg
CONTRACT OUTCOME							
Invoice Price	£ 131958			Net Profit £ 12149.			
CAREER							
Initial Trade: Bangkok, Hong Kong & Swatow.							
26 Sept 1928 - Pirated in Gulf of Tongkin, on voyage Singapore - Hong Kong.							
1941 - Requisitioned by R.N. to be depot ship at Malta.							
1942 - Transferred to Far East & became R.N. communications centre at Batavia.							
3 March 1942 - Sunk by Japanese warships 200 miles east of Christmas Island							
while en voyage Tjilatjap / Fremantle in convoy escorted by HMS Yarra.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T. S. M.V. PROMETHEUS.			SHIP No 525	DELIVERY YEAR		
Scott's S & E Co. Ltd - CB.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool			ENGINE No 597	1925		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	425.0	54.5	32.75	26.23		6254	3806	12580	8030
SALE CAPACITY cub. ft.	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
443080	0.724	Clincher.	Elastic Limit Steel.		Schooner	L.R. B.C.		2905	2
DATES	Order 20 Feb. 1924		Keel Lay 10 Jun 1924		Launch 21 May 1925		Delivery 8 Oct 1925.		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl 6				Launch Sponsor -				
MACHINERY									
SUPPLIER B & W. Copenhagen		TYPE Burmeister & Wain 4 stroke single acting oil engines.							
CYLINDERS: No. x DIAMETER 8 x 630 MM				STROKE 1100 MM		PROPULSION MODE		Twin Screw.	
DESIGN B.H.P. & R.P.M. 3700 & 125				DESIGN SPEED 13½ KNOTS		ASPIRATION		NATURAL OIL TURBO MECH. SUPERCHARGE	
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 12.75 ft: pitch 11.0				ft: No. of blades 4		built ✓ : solid		H.T. : material brass.	
Shafting: intermediate shaft, tail shaft diameters :- 11, 12/13½. inches									
Electric Generators: No. x type x K.W. each 4 x 100 KW diesel. Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 7616		Tons: Draught 16.88		ft: Cb - 0.685		Speed -		Knots	
I.H.P. 5510 R.P.M. 132.0.									
CONTRACT OUTCOME									
Invoice Price £ 220765.					Net Profit £ 23774.				
CAREER									
Initial Trade:									
1942-3 - Took part in North Africa, Sicily & Salerno landings.									
Nov. 1957 - Sold to become Liberian 'Janus'.									
1959 - Scrapped in Italy after fire damage.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S. M.V. ALCINOUS.	SHIP No 526	DELIVERY YEAR
SCOTT'S S & E Co. Ltd. CD.	Cargo Liner	SHIP OWNER	Ocean Steamship Co. Liverpool	ENGINE No 598	1926
TECHNICAL INFORMATION					
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)
	425.0	54.5	31.75	26.3	
					Gross
					6621
					Register
					4088
					Displacement
					12620
					Deadweight
					7880
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY
482920	0.722	Clincher	Steel.	Schooner	B.C.
					INVOICED STEEL WEIGHT - TONS
					3114
					No. of Masts
					2
DATES	Order 2 Mar 1925		Keel Lay 14 Oct 1924	Launch 6 Oct 1925	Delivery 18 Jan 1926
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl 6				Launch Sponsor -
MACHINERY					
SUPPLIER B & W Copenhagen.		TYPE Burmeister & Wain 4 stroke single acting oil engines.			
CYLINDERS: No. x DIAMETER		8 x 630	MM	STROKE	1100 MM
DESIGN B.H.P. & R.P.M.		3700 x 125	DESIGN SPEED	13 1/2 KNOTS	PROPULSION MODE
					Twin Screw.
Propeller(s): No. 2		✓ RH	LH: Dia 12.75 ft: pitch 11.0	ft: No. of blades 4	built ✓ : solid
					: material bronze
Shafting: intermediate shaft, tail shaft diameters :- 11, 12/13 1/2 inches					
Electric Generators: No. x type x K.W. each - 4 x 100 KW diesel Voltage 220 d.c.					
TRIAL INFORMATION					
Displacement		6975	Tons: Draught	15.7	ft: Cb - 0.671 : Speed - 13.55 Knots
B.H.P. 5490 R.P.M. 129.25.					
CONTRACT OUTCOME					
Invoice Price £ 224162		Net Profit £ 22563			
CAREER					
Initial Trade:					
c.1926 - Nov 1950 - With N.S.M.O.					
Nov. 1950 - renamed Phemius					
July 1957 - sold & scrapped at Hong Kong.					

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALBLAIR		SHIP No	528	DELIVERY YEAR		
Scotts CB	General Cargo	SHIP OWNER	Campbell Bros & Co. Newcastle on Tyne		ENGINE No	600	1926		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	405.0	53.83	35.0	24.17		4607	2810.0	11668	8536
BALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED WEIGHT - TONS	No. of Masts		
450240	0.78	Clincher	Steel	Schooner	L.R.	2199	2		
DATES	Order 11 Feb 1926		Keel Lay 25 Jan 1926		Launch 28 Jul 1926		Delivery 25 Aug 1926		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. James Campbell.				
MACHINERY									
SUPPLIER Scotts' S & E Co., Ltd.					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 26½ 43 70 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 449	I.H.P. 2000		DESIGN SPEED		11 KNOTS		CONDENSER COOLING SURFACE 2150 SQ. FT.		
EXPANSION RATIO 10.0		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$				
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical			Main fitted with NEM Supts.		Working Pressure: main 180 : auxiliary 120 p.s.i.		
Dimensions D x L 2 x 16.25 x 12.0 1 x 12.0 x 10.5 (Aux) ft				Total Heating Surface 6446 1477 Sq. Ft		Total Grate Area 120 + 39 Sq. Ft			
Steam Space Volume - cubic feet				Furnaces: total 6 : no 2 : dia 3 ft 8 inches : length 10 ft 4 inches					
Boiler Tubes: Diameter 3 inches : length 12 ft 6 inches				Fuel Coal		Draught: Natural Forced ✓			
Propeller(s): No. 1 RH LH: Dia 18.0 ft : pitch 17.5 ft : No. of blades 4				built solid ✓		material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13½ 13½ 13½ inches									
Electric Generators: No. 1 : 10 K.W. each : Voltage 110 v. d.c.									
TRIAL INFORMATION									
Displacement 5690 Tons : Draught 12.63 ft : Cb - 0.735 : Speed - 12.05 Knots									
I.H.P. 2104 R.P.M. 71 Steam Pressure at Engine 170 p.s.i. : Vacuum 28.05 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 82952					Net Profit - £ 4203.				
CAREER									
Initial Trade:									
Torpedoed by U 100 on 28 th August 1940									
56° 6' N, 13° 33' W Rockall Deep:									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALCAIRN		SHIP No	529	DELIVERY YEAR	1927
Scotts C.B.	General Cargo	SHIP OWNER	Campbell Bros & Co, Newcastle on Tyne.		ENGINE No	601		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	405.0	53.93	35.0	24.17		4608	2810	11668
BALE CAPACITY	G _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYVOICED STEEL WEIGHT - TONS	No. of Masts
450240	0.78	Clincher	Steel		Schooner	L.R.	2199	2
DATES	Order 11 Feb 1926		Keel Lay 18 Feb 1926		Launch 22 Feb 1927		Delivery 14 Mar 1927	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Campbell, St. Albans.			
MACHINERY								
SUPPLIER Scotts' S & E Co, Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 26½ 43 70 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw.	
N.H.P. 449	I.H.P. 2000		DESIGN RPM		DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 2150 SQ. FT.	
EXPANSION RATIO 10.0		RATIO		Air Pump Capacity - LP. Cylinder Volume		S.W. Circ. Pump Capacity - LP. Cylinder Volume		
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical		main fitted with NEM Supplrs.		Working Pressure: main 180 : auxiliary 120 p.s.i.		
Dimensions D x L 2 x 16.25 x 12.0 1 x 12.0 x 10.5 (Aux) ft				Total Heating Surface Main 6446 Aux. 1477 Sq. Ft.		Total Grate Area 120 + 39 Sq. Ft.		
Steam Space Volume - cubic feet				Furnaces: total 6 : no 2 : dia 3 ft 8 inches : length ft inches				
Boiler Tubes: Diameter 3 inches : length ft inches				Fuel Coal		Draught: Natural Forced ✓		
Propeller(s): No. 1 ✓ RH LH: Dia 18.0 ft : pitch 17.5 ft : No. of blades 4				built solid ✓		: material bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13½ 13½ 13½ inches								
Electric Generators: No. 1 : 10 K.W. each : Voltage. 110 v. d.c.								
TRIAL INFORMATION								
Displacement - Tons		Draught - ft		Cb -		Speed - not taken Knots		
I.H.P. 2412		R.P.M. 76.8		Steam Pressure at Engine 170 p.s.i.		Vacuum 28 inches Hg		
CONTRACT OUTCOME								
Invoice Price £83012				Net Profit £2366				
CAREER								
Initial Trade:								
Torpedoed by U100 on 21 st September 1940								
59° N, 19° W. South of Iceland.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	s.s. LIPIS		SHIP No	532	DELIVERY YEAR		
Scotts CB.	General Cargo	SHIP OWNER	Straits Steamship Co. - Singapore		ENGINE No	604	1927		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	20.0	35.5	12.5	10.04		845	461	1626	818
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
66400	0.76	Clincher	Steel		Schooner	B.C.	412	2	
DATES	Order 21 May 1926		Keel Lay 10 Oct. 1926		Launch 1 Mar 1927		Delivery 24 Mar 1927		
Passengers Carried	1st Cl 8 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Scotts' S & E Co. Ltd					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 13 1/4 21 1/2 34 INCHES					STROKE 1.75 FT.		PROPULSION MODE Screw		
N.H.P. 87	I.H.P. 550		DESIGN SPEED		9 KNOTS		CONDENSER COOLING SURFACE 1300 SQ. FT.		
EXPANSION RATIO 9.5		RATIO		Air Pump Capacity LP. Cylinder Volume = -		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume = -	
No of Boilers: main 1 : auxiliary 1		TYPE: 1 Cylindrical 1 Cochran aux.		Working Pressure: main 220 : auxiliary 100 p.s.i.					
Dimensions D x L 13.0 x 11.0 ft				Total Heating Surface Main 1620 Aux 400 Sq. Ft.		Total Grate Area - Sq. Ft.			
Steam Space Volume - cubic feet				Furnaces: total 3 : dia 3 ft 0 inches : length ft inches					
Boiler Tubes: Diameter 3 main 2 1/2 aux inches : length ft inches				Fuel oil		Draught: Natural Forced			
Propeller(s): No. 1 ✓RH LH: Dia 7.25 ft : pitch 9.0 ft : No. of blades 4				built solid ✓		material Cast iron			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 6 3/4 & 7 1/2 / 8 5/8 inches									
Electric Generators: No. 1 : 10 K.W. each: Voltage 110 V. d.c.									
TRIAL INFORMATION									
Displacement 1361 Tons: Draught 8.64 ft: Cb - 0.752 : Speed - 10.13 Knots									
I.H.P. 738 RPM. 165.75 Steam Pressure at Engine 177 p.s.i.: Vacuum 25.5 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 35560					Net Profit - £ 4917.				
CAREER									
Initial Trade: Straits of Malacca									
1938 - re-engined with Ruston diesel.									
December 1941 - requisitioned as HMS Lipis.									
11 th February 1942 - bombed & sunk by Japanese off Sultan Shoal, nr. Singapore.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALMORE		SHIP No	530		DELIVERY YEAR
Scotts CD	General Cargo	SHIP OWNER	Campbell Bros & Co. Newcastle on Tyne		ENGINE No	602		1927
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	405.0	52.0	30.75	24.83		5193	3171	11616
BALE CAPACITY cubic feet	Cb	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
49680	0.781	Clincher	Steel		Schooner	L.R.	2081	2
DATES	Order 11 Feb 1926		Keel Lay	14 Feb 1926		Launch 31 Mar 1927	Delivery 14 Apr 1927	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			
MACHINERY								
SUPPLIER Scotts, S & E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 26 1/2 43 70 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw	
N.H.P. 449	I.H.P. 2000		DESIGN RPM		DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 2150 SQ. FT.	
EXPANSION RATIO 10.0	RATIO		Air Pump Capacity LP. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity LP. Cylinder Volume	
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical			main filled with NEM Substns.		Working Pressure: main 180 : auxiliary 120 p.s.i.	
Dimensions D x L 2 x 16.25 x 12.0 1 x 12.0 x 10.5 (Aux.) ft			Total Heating Surface		Main 6446 Aux 1477 Sq. Ft.		Total Grate Area 120 + 39 Sq. Ft.	
Steam Space Volume - cubic feet			Furnaces: total 6 no 2 : dia 3 ft 8 3/4 inches : length ft inches					
Boiler Tubes: Diameter 3 inches : length ft inches			Fuel: Coal		Draught: Natural Forced			
Propeller(s): No. 1 RH LH: Dia 18.0 ft: pitch 17.5 ft: No. of blades 4			built solid		material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 1/8 13 1/8 13 7/8 inches								
Electric Generators: No. 1 : 10 K.W. each: Voltage 110 v. d.c.								
TRIAL INFORMATION								
Displacement 5660 Tons: Draught 12.88 ft: Cb - 0.738			Speed - 12.98 Knots					
I.H.P. 2405 R.P.M. 72.1			Steam Pressure at Engine 168 p.s.i.: Vacuum 27.3 inches Hg					
CONTRACT OUTCOME								
Invoice Price £ 82350			Net Profit - £ 496					
CAREER								
Initial Trade:								
Survived World War II								
Sold 1947 to A/S Inger, Bergen and remained in service with that company until 1960 as 'Ingerto'								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALVEEN.		SHIP No	531	DELIVERY YEAR		
Scotts & Co.	General Cargo	SHIP OWNER	Campbell Bros & Co. Newcastle on Tyne.		ENGINE No	603	1927		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	405.0	52.0	30.75	24.83		5193	3171	11616	8483
SALE CAPACITY (Gross Tons)	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts		
449680	0.781	clinker	Steel	Schooner	L.R.	2081	2		
DATES	Order 11 Feb 1926		Keel Lay 14 Feb 1926		Launch 12 May 1927		Delivery 26 May 1927		
Passengers Carried	1st Cl - - 2nd Cl - 3rd Cl -				Launch Sponsor				
MACHINERY									
SUPPLIER Scotts' S & E Co., Ltd.					TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 26½ 43 70 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 449	I.H.P. 2600		DESIGN RPM		DESIGN SPEED 11 KNOTS		CONDENSER COOLING SURFACE 2150 SQ. FT.		
EXPANSION RATIO 10.0		RATIO		Air Pump Capacity L.P. Cylinder Volume = -		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = -	
No of Boilers: main 2 : auxiliary 1		TYPE: Cylindrical		main fitted with N.E. Superheaters		Working Pressure: main 180 p.s.i. auxiliary 120			
Dimensions D x L 2 x 16.25 x 12.0 1 x 12.00 x 10.5 (Aux) ft				Total Heating Surface Main 6446 Aux. 1477 Sq. Ft.		Total Grate Area 120 + 39 Sq. Ft.			
Steam Space Volume - cubic feet				Furnaces: total 6 no 2 : dia 3 ft 10½ inches		length ft inches			
Boiler Tubes: Diameter 3 inches: length ft inches				Fuel: Coal		Draught: Natural Forced ✓			
Propeller(s): No. 1 ✓ RH LH: Dia 18.0 ft: pitch 17.5 ft: No. of blades 4				built solid ✓		material bronze			
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 13½ 13½ 13½ inches									
Electric Generators: No. 1 : 10 K.W. each: Voltage 110 v. d.c.									
TRIAL INFORMATION									
Displacement 5500 Tons: Draught 12.53 ft: C _b - 0.735 : Speed - 12.97 Knots									
I.H.P. 2475 R.P.M. 73.5 Steam Pressure at Engine 170 p.s.i.: Vacuum 28.12 inches Hg									
CONTRACT OUTCOME									
Invoice Price £82347					Net Profit £1811				
CAREER									
Initial Trade:									
Bombed & Sunk by enemy aircraft on 28 Sep. 1940									
58° 10' N, 2° 19' W 80 miles East of John o' Groats.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ELDONPARK		SHIP No	537	DELIVERY YEAR	1928
Scotts CB.	General Cargo	SHIP OWNER	Denholm Glasgow.		ENGINE No	609		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	405.0	53.0	31.0	25.02		5184	3299	11854
SALE CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STRAIN WEIGHT - TONS	No. of Masts	
416920	0.78	Clincher	Steel.	Schooner	L.R.	2220	2	
DATES	Order 17 Nov 1926		Keel Lay 14 Dec 1927	Launch 31 May 1928	Delivery 18 June 1928			
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. John Denholm.			
MACHINERY								
SUPPLIER Scotts' S&E Co. Ltd.				TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 26 43 73 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 534	I.H.P. 2400		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 2700 SQ. FT.	
EXPANSION RATIO	12.5	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$		-		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$		-
No of Boilers: main	3	: auxiliary -		TYPE: Cylindrical.		Working Pressure: main 200 p.s.i. : auxiliary -		
Dimensions D x L		15.5 x 11.5 ft		Total Heating Surface		7758 Sq. Ft.		Total Grate Area 165 Sq. Ft.
Steam Space Volume		- cubic feet		Furnaces: total no		: dia ft		inches: length ft. inches
Boiler Tubes: Diameter		2½ inches: length ft		inches		Fuel: coal		Draught: Natural Forced ✓
Propeller(s): No. 1		RH LH: Dia 18.0 ft: pitch 17.0 ft		No. of blades 4		built solid ✓		: material bronze
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				14½ 13½ 15½ inches				
Electric Generators: No. 1				: 9 K.W. each: Voltage 110 V.d.c.				
TRIAL INFORMATION								
Displacement		5171 Tons		Draught 11.7 ft		Cb - 0.729		: Speed - 13.35 Knots
I.H.P. 2948		R.P.M. 84.15		Steam Pressure at Engine 195 p.s.i.		: Vacuum 27¼ inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 82983				Net Profit - £ 77.				
CAREER								
Initial Trade:								
Total Loss - Bristol Channel - 7th February 1940								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M. Yacht ELK		SHIP No	DELIVERY YEAR			
Scott's S&E Co. Ltd. CB.	Motor Sailing Yacht	SHIP OWNER	Lord Glentanar Aboyne.		536	1928			
					ENGINE No 608				
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	100.0	24.75	18.0			180	108	282	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.275	Clincher	Steel.		Schooner	L.R.	-	2	
DATES	Order 28 Sept 1926		Keel Lay 14 Oct 1927		Launch 19 May 1928		Delivery 21 Jun 1928		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		Lady Glentanar.		
MACHINERY									
SUPPLIER	Norris Henty & Gardner - Manchester		TYPE Semi - Diesel 2 stroke single acting.						
CYLINDERS: No. x DIAMETER			6 x 9 $\frac{1}{2}$		STROKE 10 $\frac{3}{4}$		PROPULSION MODE Sail with aux. screw.		
DESIGN B.H.P. & R.P.M.			144 & 370		DESIGN SPEED 7 KNOTS		ASPIRATION NATURAL GAS TURBO MECH. SUPERCHARGE		
Propeller(s): No. 1			RH LH: Dia 4.0 ft: pitch 3.375 ft: No. of blades 4		built solid		: material bronze.		
Shafting: intermediate shaft, tail shaft diameters :-					4 $\frac{3}{4}$.		inches		
Electric Generators: No. x type x K.W. each					1 x 12 KW diesel.		Voltage 110 d.c.		
TRIAL INFORMATION									
Displacement 282		Tons: Draught 14.0		ft: C _b - 0.275		: Speed - 7.08 Knots			
B.H.P. 150		R.P.M. 284 (prop.)							
CONTRACT OUTCOME									
Invoice Price £ 30684					Net Profit - £2737				
CAREER									
Initial Trade: Pleasure Yacht.									
All wood used in building 'Elk' (decks, houses, etc) came from Lord Glentanar's estates in Aberdeenshire.									
Sold 1936/7 to Alan Mackay, Southampton.									
Owned 1947/54 by Sir Oliver Simmonds, Nassau.									
1956/7 - used for Caribbean cruises.									
1958 - ex. L.R.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. LYLEPARK		SHIP No	540		DELIVERY YEAR
Scotts CB.	General Cargo	SHIP OWNER	Denholm Glasgow		ENGINE No	612		1929
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	405.0	53.0	31.0	25.02		5186	3307	11854
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
416920	0.78	Clincher	Steel	Schooner	L.R.	2220	2	
DATES	Order 8 Nov 1928		Keel Lay 28 Nov 1928		Launch 27 May 1929		Delivery 19 June 1929	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Jessie Denholm.			
MACHINERY								
SUPPLIER Scotts, S & E Co., Ltd.				TYPE Steam Triple Expansion.				
CYLINDER DIAMETERS - 26 43 73 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 534	I.H.P. 2400		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 2700 SQ. FT.	
EXPANSION RATIO 12.5		RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$ = -				
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical.			Working Pressure: main 200 p.s.i. : auxiliary -			
Dimensions D x L 15.5 x 11.5 ft		Total Heating Surface 7758 Sq. Ft.		Total Grate Area 165 Sq. Ft.				
Steam Space Volume - cubic feet		Furnaces: total no : dia ft inches : length ft inches						
Boiler Tubes: Diameter 2½ inches : length ft inches		Fuel: coal		Draught: Natural Forced ✓				
Propeller(s): No. 1 ^{✓ RH} LH: Dia 18.0 ft : pitch 17.0 ft : No. of blades 4		built solid		material bronze.				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :-				14½, 13½, 15½ inches				
Electric Generators: No. 1 : 9 K.W. each : Voltage 110 v. d.c.								
TRIAL INFORMATION								
Displacement 5273		Tons: Draught 11.96 ft : Cb - 0.73		Speed - 13.57 Knots				
I.H.P. 2722		R.P.M. 81.0		Steam Pressure at Engine 190 p.s.i. : Vacuum 26.75 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 79127				Net Profit - £ 908.				
CAREER								
Initial Trade:								
Sunk by enemy raider - 'Michel'								
11 th June 1942. 36 killed, 3 wounded.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. EARLSPARK		SHIP No	543		DELIVERY YEAR
Scotts. Co.	General Cargo	SHIP OWNER	Dentholm Glasgow.		ENGINE No	615		1929
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	405.0	53.0	31.0	25.02		5186	3307	11854
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
416920	0.78	Clincher	Steel		Schooner	L.R.	2220	2
DATES	Order 27 Nov. 1928		Keel Lay 14 Jan 1929		Launch 19 June 1929		Delivery 17 July 1929	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Alec Morrison.			
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd					TYPE Steam Triple Expansion			
CYLINDER DIAMETERS - 26 43 73 INCHES					STROKE 4.0 FT.	PROPULSION MODE Screw		
N.H.P. 534	I.H.P. 2400		DESIGN RPM		DESIGN SPEED 10 1/2 KNOTS	CONDENSER COOLING SURFACE 2700 SQ. FT.		
EXPANSION RATIO 12.5	RATIO		Air Pump Capacity L.P. Cylinder Volume		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume	
No of Boilers: main 3	: auxiliary -		TYPE: Cylindrical			Working Pressure: main 200 : auxiliary - p.s.i.		
Dimensions D x L 15.5 x 11.5 ft			Total Heating Surface 7758 Sq. Ft.		Total Grate Area 165 Sq. Ft.			
Steam Space Volume - cubic feet			Furnaces: total no		: dia ft		: length ft	
Boiler Tubes: Diameter 2 1/2 inches			: length ft		: inches		Fuel: coal	Draught: Natural Forced
Propeller(s): No. 1			RH LH: Dia 18.0 ft		: pitch 17.0 ft		No. of blades 4 : material bronze	
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: 14 1/4 13 1/2 15 3/8 inches								
Electric Generators: No. 1 : 9 K.W. each : Voltage 110 v. d.c.								
TRIAL INFORMATION								
Displacement 5171		Tons: Draught 11.7		ft: C _b - 0.73		Speed - 13.53 Knots		
I.H.P.	R.P.M.	Steam Pressure at Engine 197 p.s.i.		Vacuum 27 inches Hg				
CONTRACT OUTCOME								
Invoice Price £ 78120				Net Profit £ 6521.				
CAREER								
Initial Trade:								
Sunk on 12 th June 1940 in collision with Italian vessel								
in Mediterranean while at anchor.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALCROSS	SHIP No	DELIVERY YEAR
Scotts. Co	General Cargo	SHIP OWNER	Campbell Bros & Co, Newcastle on Tyne	544	1930
				ENGINE No	
				616	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	405.0	53.83	35.0	24.18		4557	2821	11668	8475
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEAM WEIGHT - TONS	No. of Masts	
455040	0.78	Clincher	Steel		Schooner	L.R.	2045	2	
DATES	Order 15 Apr 1929			Keel Lay	14 Apr 1929		Launch 5 Dec 1929		Delivery 24 Jan 1930
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Miss Campbell.			

MACHINERY

SUPPLIER Scotts S & E Co., Ltd				TYPE Steam Quadruple Expansion.			
CYLINDER DIAMETERS - 21½ 31 45 65 INCHES				STROKE 4.0 FT.		PROPULSION MODE Screw	
N.H.P. 457	I.H.P. 2000		DESIGN SPEED 10½ KNOTS		CONDENSER COOLING SURFACE 2500 SQ. FT.		
EXPANSION RATIO 12.6	DESIGN RPM		RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}} = -$		
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical + NE Subtys + Air Heaters		Working Pressure: main 250 p.s.i. : auxiliary -			
Dimensions D x L 13.88 x 11.25 ft			Total Heating Surface 6300 Sq. Ft.		Total Grate Area 127.8 Sq. Ft.		
Steam Space Volume - cubic feet			Furnaces: total no 9 : dia 3 ft 0 ¹⁵ / ₁₆ inches : length - ft - inches				
Boiler Tubes : Diameter 3 inches : length ft inches			Fuel: coal		Draught : Natural Forced ✓		
Propeller(s) : No. 1 RH LH: Dia 18'0 ft : pitch 17'5 ft : No. of blades 4			built : solid ✓		material mang bronze		
Shafting : Crankshaft, intermediate shaft, tailshaft diameters :-				13 ⁵ / ₈ 13 13 ⁷ / ₈		inches	
Electric Generators : No. 1 : 10 K.W. each : Voltage 110 V. d.c.							

TRIAL INFORMATION

Displacement	5250	Tons : Draught	11.67	ft. : Cb	- 0.737	: Speed	- 12.08 Knots
I.H.P	2035	R.P.M.	71.8	Steam Pressure at Engine	221	p.s.i. : Vacuum	25.8 inches Hg

CONTRACT OUTCOME

Invoice Price £ 88867	Net Profit - £ 7556
CAREER	
Initial Trade :	
Survived World War II	
Sold in 1947 to A. Mortensen & Co. Bergen. Renamed 'Inger Johanne'	
1948 - became 'Hydraios' II	
1959 - became 'Aves'	
13.7.1964 - grounded, total loss.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. ANTHONY		SHIP No	538	DELIVERY YEAR		
Scotts S&E Co Ltd. C.D.	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	610	1930		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	312.0	32.25	19.0	11.25				1961	—
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		HYDROD STEEL WEIGHT - TONS	No. of Masts
—	0.59	Clincher	Steel.		—	—		501	—
DATES	Order 6 Mar 1928		Keel Lay 25 Jul 1928		Launch 24 Apr 1929		Delivery 14 Feb 1930		
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Mr. West. (overseer)				
MACHINERY									
SUPPLIER Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines: { h.p. + l.p. (incorp. astern) }							
GEARING Single Reduction.						PROPULSION MODE Twin Screws			
SHP 34,000		DESIGN RPM 350		DESIGN SPEED 35 KNOTS		CONDENSER COOLING SURFACE 12500 SQ. FT.			
No of Boilers: main 3 : aux —		TYPE Yarrow water tube - 3 drum				Working Pressure & Temp 300 psi 200°F approx			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area
	Steam Space Volume		cubic feet		Furnaces: no		: dia ft		inches: length ft
	Boiler Tubes: Diameter		inches: length		ft		inches		
Watertube Boilers	Total Heating Surface		27.738 Sq. Ft.		Combustion Space Volume		3462 cubic feet		Fuel - Oil
Propeller(s): No. 2		RH LH: Dia 9.5 ft: pitch 13.0 ft: No. of blades 3		built solid		material		bronz	
Shafting: intermediate shaft, tail shaft diameters:— (12½ - 7¾) hollow.									
Electric Generators: No. x type x K.W. each				2 - 40 kW Turbo 1 - 20 kW Diesel		Voltage 115: d.c.			
TRIAL INFORMATION									
Displacement 1427		Tons: Draught 8.92		ft: Cb - 0.556		Speed - 36.31 Knots			
S.H.P. 34415		R.P.M. 366		Steam Pressure 275 psi		: & Temp. at Engine 608 °F		Vacuum 28.3 Inches Hg	
CONTRACT OUTCOME									
Invoice Price - £ 224835				Net Profit - £ 6458					
CAREER									
Initial Trade:									
February-1944 - Sank U 761 in Straits of Gibraltar.									
1945 - Placed on reserve.									
May 1948 - Scrapped Troon - Arnott Young.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALCROY		SHIP No	545	DELIVERY YEAR		
Scotts. C.D.	General Cargo	SHIP OWNER	Campbell Bros & Co. Newcastle on Tyne.		ENGINE No	617			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	405.0	53.83	35.0	24.18		4558	2821	11668	8475
SALE CAPACITY (Gross Tons)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
455040	0.78	Clincher	Steel		Schooner	L.R.	2045	2	
DATES	Order 15 Apr 1929		Keel Lay 14 May 1929		Launch 30 Jan 1930		Delivery 21 Feb 1930		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Campbell (cousin of Mungo)				
MACHINERY									
SUPPLIER Scotts. S & E Co., Ltd.					TYPE Steam Quadruple Expansion				
CYLINDER DIAMETERS - 21½ 31 45 65 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw		
N.H.P. 457	I.H.P. 2000		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 2500 SQ. FT.		
EXPANSION RATIO 12.6		RATIO		Air Pump Capacity L.P. Cylinder Volume = -		S.W. Circ. Pump Capacity L.P. Cylinder Volume = -			
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical + NE Subtvs + Air heaters			Working Pressure: main 250 : auxiliary - p.s.i.				
Dimensions D x L 13.88 x 11.25 ft			Total Heating Surface 6300 Sq. Ft.		Total Grate Area 127.8 Sq. Ft.				
Steam Space Volume - cubic feet			Furnaces: total no 9 : dia 3 ft 0 15/16 inches : length ft. inches						
Boiler Tubes: Diameter 3 inches : length ft. inches			Fuel: coal		Draught: Natural Forced ✓				
Propeller(s): No. 1 RH LH: Dia 18.0 ft : pitch 17.5 ft : No. of blades 4			built solid ✓		material mang. bronze				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 5/8 13 13 7/8 inches									
Electric Generators: No. 1 : 10 K.W. each: Voltage 110 v d.c.									
TRIAL INFORMATION									
Displacement 5122 Tons		Draught 11.42 ft		Cb - 0.74		Speed - not taken Knots			
I.H.P. 1757 R.P.M. 68.0 Steam Pressure at Engine 247 p.s.i.: Vacuum 27.7 inches Hg									
CONTRACT OUTCOME									
Invoice Price £88589					Net Profit - £845				
CAREER									
Initial Trade:									
Torpedoed and sunk on 2nd Nov. 1942 by U 402									
52° 30' N, 45° 30' W, 400 miles N.E. of Newfoundland.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALFRAM.		SHIP No	546		DELIVERY YEAR
Scotts C.O.	General Cargo	SHIP OWNER	Campbell Bros. & Co. Newcastle on Tyne		ENGINE No	618		1930.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register (T)	Displacement
	405.0	53.83	35.0	24.18		4558	2821	11668
SALE CAPACITY	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
455040	0.78	Clincher	Steel		Schooner	L.R.	2045	2
DATES	Order 15 Apr 1929		Keel Lay	14 Aug 1929		Launch	2 Apr 1930	
						Delivery	11 th Apr 1930	
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor			
MACHINERY								
SUPPLIER Scotts' S & E Co. Ltd.					TYPE Steam Quadruple Expansion.			
CYLINDER DIAMETERS - 21 $\frac{1}{2}$ 31 45 65 INCHES					STROKE 4.0 FT.		PROPULSION MODE Screw	
N.H.P. 457	I.H.P. 2000		DESIGN RPM		DESIGN SPEED 10 $\frac{1}{2}$ KNOTS		CONDENSER COOLING SURFACE 2500 SQ. FT.	
EXPANSION RATIO 12.6	RATIO		Air Pump Capacity L.P. Cylinder Volume = -		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = -	
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical + NE Suphts + Air Heaters			Working Pressure: main 250 p.s.i. : auxiliary -			
Dimensions D x L 13.88 x 11.25 ft			Total Heating Surface 6300 Sq. Ft.			Total Grate Area 127.8 Sq. Ft.		
Steam Space Volume - cubic feet			Furnaces: total no 9 : dia 3 ft 0 $\frac{15}{16}$ inches : length - ft - inches					
Boiler Tubes: Diameter 3 inches : length ft inches			Fuel: Coal			Draught: Natural Forced <input checked="" type="checkbox"/>		
Propeller(s): No. 1 ^{RH} LH: Dia 18.0 ft : pitch 17.5 ft : No. of blades 4			built: solid <input checked="" type="checkbox"/>			material: mang bronze		
Shafting: Crankshaft, intermediate shaft, tailshaft diameters: - 13 $\frac{5}{8}$ 13 13 $\frac{7}{8}$ inches								
Electric Generators: No. 1 : 10 K.W. each : Voltage 110 v. d.c.								
TRIAL INFORMATION								
Displacement - Tons		Draught - ft		Cb -		Speed - ^{not} taken Knots		
I.H.P. 1880 R.P.M. 70.0		Steam Pressure at Engine 241 p.s.i.		Vacuum 28 inches Hg				
CONTRACT OUTCOME								
Invoice Price £88564		Net Profit £3981.						
CAREER								
Initial Trade:								
2 nd May 1942 - damaged by mine								
4 th Aug 1943 - torpedoed and sunk by U 181								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. ARDENT.				SHIP No	539		DELIVERY YEAR	
Scotts S & E Co Ltd. CB.	Destroyer.	SHIP OWNER	Admiralty.				ENGINE No	611		1930	
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	312.0	32.25	19.0	11.25				1961	—		
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	0.59	Clincher	Steel.		—	—		501	—		
DATES	Order 6 Mar 1928			Keel Lay	25 Jul 1928	Launch 26 Jun 1929		Delivery 14 Apr 1930			
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor		Mrs. Willis.				
MACHINERY											
SUPPLIER		Scotts S & E Co. Ltd.									
TYPE		Parsons Steam Turbines { h.p + l.p (incorp. astern) }									
GEARING		Single reduction					PROPULSION MODE		Twin Screws		
SHP		34,000		DESIGN SPEED		35 KNOTS		CONDENSER			
DESIGN RPM		356		DESIGN VACUUM		27½ INCHES Hg		COOLING SURFACE 12500 SQ. FT.			
No of Boilers: main		: aux —		TYPE		Yarrow water tube - 3 drum		Working Pressure & Temp 300 psi & 200°F supt.			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Graze Area		
	Steam Space Volume		cubic feet		Furnaces: total		no		: dia ft inches : length ft inches		
	Boiler Tubes: Diameter		inches : length		ft		inches				
Watertube Boilers	Total Heating Surface		27,738 Sq. Ft.		Combustion Space Volume.		3402 cubic feet		Fuel - Oil		
Propeller(s): No. 2		✓ RH ✓ LH: Dia 9.5 ft: pitch		13.0 ft: No. of blades		3		built : solid ✓		: material ^{manag.} bronze	
Shafting: intermediate shaft, tail shaft diameters: — (12½ - 7½) hollow. inches											
Electric Generators: No. x type x K.W. each											
2 - 40 Kw Turbo 1 - 20 Kw Diesel. Voltage 115 : d.c.											
TRIAL INFORMATION											
Displacement		1383 Tons		Draught 9.13		R:Cb - 0.527		: Speed - 35.91 Knots			
S.H.P. 34376		R.P.M. 366.7		Steam Pressure : & Temp. at Engine		286 psi 618 °F		: Vacuum 28.39. Inches Hg			
CONTRACT OUTCOME											
Invoice Price £ 208674					Net Profit £ 5942						
CAREER											
Initial Trade:											
8 th June 1940 - Lost off Norway.											
Sunk by cruiser Scharnhorst whilst											
convoying aircraft carrier Glorious											
from Norway.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. DALRYAN		SHIP No	547		DELIVERY YEAR
Scott's CD.	General Cargo	SHIP OWNER	Campbell Bros. & Co. Newcastle on Tyne		ENGINE No	619		1930
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	405.0	53.83	35.0	24.18		4558	2821	11668
SALE CAPACITY (under Deck)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STEEL WEIGHT - TONS	No. of MASTS
455040	0.78	Clincher	Steel		Schooner	L.R.	2045	2
DATES	Order 15. Apr 1929		Keel Lay 14 Aug 1929		Launch 3 June 1930		Delivery 20 June 1930	
Passengers Carried	1st Cl. - 2nd Cl. - 3rd Cl. -				Launch Sponsor Mrs. James Campbell.			
MACHINERY								
SUPPLIER Scott's. S & E Co. L ^{td}					TYPE Steam Quadruple Expansion.			
CYLINDER DIAMETERS - 21½ 31 45 65 INCHES					STROKE 4.0 FT.	PROPULSION MODE Screw		
N.H.P. 457	I.H.P. 2000		DESIGN SPEED		10½ KNOTS		CONDENSER COOLING SURFACE 2500 SQ. FT.	
EXPANSION RATIO 12.6	RATIO		Air Pump Capacity L.P. Cylinder Volume = -		RATIO		S.W. Circ. Pump Capacity L.P. Cylinder Volume = -	
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical with 4 NE Subtlrs. & 4 Air Heaters			Working Pressure: main 250 p.s.i. : auxiliary -			
Dimensions D x L 13.88 x 11.25 ft		Total Heating Surface 6300 Sq. Ft.		Total Grate Area 127.8 Sq. Ft.				
Steam Space Volume - cubic feet		Furnaces: total no 9 : dia 3 ft 0 15/16 inches : length - ft - inches						
Boiler Tubes: Diameter 3 inches : length - ft - inches		Fuel: coal		Draught: Natural Forced ✓				
Propeller(s): No. 1 ✓ RH LH: Dia 18.0 ft : pitch 17.5 ft : No. of blades 4		built solid ✓		: material bronze				
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- 13 5/8 : 13 : 13 7/8 inches								
Electric Generators: No. 1 : K.W. each: Voltage 110 v. d.c.								
TRIAL INFORMATION								
Displacement 5026 Tons : Draught 11.23 ft : Cb - 0.734 : Speed - 12.21 Knots								
I.H.P. 1789 R.P.M. 69.9 Steam Pressure at Engine 250 p.s.i. : Vacuum 26.6 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 88579					Net Profit - £ 611.			
CAREER								
Initial Trade:								
Mined and sunk 1st December 1939								
S.W. of Tongue.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S. M.V. MYRMIDON.	SHIP No 542	DELIVERY YEAR
Scotts S&E Co. Ltd CB	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool	ENGINE No 614	1930

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	426.5	56.0	31.75	26.56		6661	4047	12804	7613
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts		
403680	0.709	Clincher	Steel	Schooner		3312	2		
DATES	Order 22 Oct 1928			Keel Lay 25 Mar 1929	Launch 14 May 1930		Delivery 31 Jul 1930.		
Passengers Carried	1st Cl	2nd Cl	3rd Cl	6	Launch Sponsor Mrs. Hobhouse.				

MACHINERY

SUPPLIER	Scotts S&E Co. Ltd.	TYPE Holt - N.E.M./Werkspool single acting 4 stroke blast injection.							
CYLINDERS: No. x DIAMETER	6 x 620	MM	STROKE	1300	MM	PROPULSION MODE	Twin Screws.		
DESIGN B.H.P. & R.P.M.	5500 & 138		DESIGN SPEED	14 1/2	KNOTS	ASPIRATION	NATURAL GAS TURBO ✓ MECH. SUPERCHARGE		
Propeller(s): No.	2	✓ RH ✓ LH: Dia 13.25 ft: pitch 12.25	ft: No. of blades	4		built ✓ : solid	H.T. : material brass.		
Shafting: intermediate shaft, tail shaft diameters :-	12, 13 1/4 .								inches
Electric Generators: No. x type x K.W. each	1 x 30 kw diesel (emer.) 4 x 100 kw. diesel.								Voltage 220 d.c.

TRIAL INFORMATION

Displacement	7122	Tons: Draught	15.92	ft: Cb - 0.659	: Speed - 14.48	Knots
I.H.P.	7010	R.P.M.	139.8			

CONTRACT OUTCOME

Invoice Price	£ 250932	Net Profit	- £ 2338.
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CAREER

Initial Trade:

5th September 1942: Sunk by U506 off Cape Palmas, Liberia.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S. M.V. POLYPHEMUS.		SHIP No	DELIVERY YEAR	
Scotts S & E Co. Ltd. CB	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool		549	1930	
ENGINE No 621							
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	426.5	56.0	31.75	26.56.		6661	4047
							Displacement
							12804
							Deadweight
							7613
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts
403680	0.709	Clincher	Steel.	Schooner		3312	2
DATES	Order 27 Jul 1929		Keel Lay 14 Aug 1929	Launch 7 Aug 1930	Delivery 18 Oct 1930		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl in 6 foc'sle				Launch Sponsor Miss Ann Holt.		
MACHINERY							
SUPPLIER	TYPE Holt-N.E.M. Workspoor single acting 4 stroke - blast injection.						
CYLINDERS : No. x DIAMETER	6 x 620 MM		STROKE	1300 MM		PROPULSION MODE	Twin Screw
DESIGN B.H.P. & R.P.M.	5500 & 138		DESIGN SPEED	14½ KNOTS		ASPIRATION	NATURAL GAS TURBO ✓ MECH. SUPERCHARGE
Propeller(s) : No.	2 RH ✓ LH ✓ Dia 13.25 ft : pitch 12.25 ft : No. of blades 4		built ✓	solid		H.T. material brass	
Shafting : intermediate shaft, tail shaft diameters :- 12, 13¼ inches							
Electric Generators : No. x type x K.W. each 1 x 30 Kw diesel (emer) 4 x 100 Kw diesel Voltage 220 d.c.							
TRIAL INFORMATION							
Displacement	7054		Tons : Draught	15.80 ft : Cb - 0.661		Speed - 14.98 Knots	
I.H.P.	5937		R.P.M.	139.8			
CONTRACT OUTCOME							
Invoice Price	£ 253051		Net Profit £ 4084.				
CAREER							
Initial Trade :							
1930 - transferred to N.S.M.O.							
26 May 1942 - sunk by U 135 north of Bermuda en route Sydney,							
Australia via Halifax for Liverpool.							
Only 30 of the complement of 75 were saved.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. WINKLER		SHIP No	550	DELIVERY YEAR		
Scotts S & E Co Ltd CD.	Oil Tanker	SHIP OWNER	Atlantic Refining Co. Philadelphia		ENGINE No	622	1930		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	420.0	58.0	35.0	26.35		6927	4383	14511	10311
SHIP CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
4799.44	0.797	Clincher	Steel.		Schooner	L.R.	3111	2	
DATES	Order 17 Aug 1929		Keel Lay 1 Dec 1929		Launch 4 Sept 1930		Delivery 28 Oct 1930		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. James Brown.				
MACHINERY									
Engines: Cavels - Ingersoll Rand		TYPE 4 diesel engines each driving a main and an auxy generator & linked to a BTH propulsion motor.							
SUPPLIER Motor - B.T.H.									
CYLINDERS: No. x DIAMETER 6 x 19 1/2 INCH.				STROKE 2.0 Ft.		PROPULSION MODE Screw			
DESIGN B.H.P. & R.P.M. 2800 & 95				DESIGN SPEED 11 1/2 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE			
Propeller(s): No. 1 RH LH: Dia 16.5 ft: pitch 12.01 ft: No. of blades 4 built solid: material bronze									
Shafting: intermediate shaft, tail shaft diameters:- 0, 13 inches									
Electric Generators: No. x type x K.W. each As above plus 1-50KW diesel Voltage 250 d.c.									
TRIAL INFORMATION									
Displacement 14423 Tons: Draught 26.2 ft: Cb - 0.796: Speed - 11.58 Knots									
S.H.P. 2550 R.P.M. 95.2									
CONTRACT OUTCOME									
Invoice Price £ 119663. Net Profit - £ 3723									
CAREER									
Initial Trade:									
23rd February 1943 - Torpedoed: N.W. of Azores.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. ANSHUN.		SHIP No	552	DELIVERY YEAR				
Scotts S & E Co. Ltd. CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	624	1930				
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	336.0	50.0	25.5	20.49		3188	1869	6434	3658		
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts			
253200	0.657	Clincher	Steel		Schooner	B.o.T.	1596	2			
DATES	Order 4 Oct 1929		Keel Lay 28 Nov. 1929		Launch 27 Oct 1930		Delivery 17 Dec 1930				
Passengers Carried	1st Cl 32 2nd Cl 16 3rd Cl -				Launch Sponsor Mrs. J. Swire.						
MACHINERY											
SUPPLIER		TYPE									
Scotts S & E Co. Ltd.		Scott two stroke single acting oil engine. (Solid injection.)									
CYLINDERS: No. x DIAMETER				6 x 27		STROKE		3.75		PROPULSION MODE	Screw.
DESIGN B.H.P. & R.P.M.				3000 x 112		DESIGN SPEED		12 KNOTS		ASPIRATION	NATURAL GAS TURBO MECH. SUPERCHARGE
Propeller(s): No.		1		RH LH: Dia 15.0 ft: pitch 13.75 ft: No. of blades 4		built solid		: material bronze			
Shafting: intermediate shaft, tail shaft diameters:- 12 ³ / ₄ , 14 ¹ / ₂ inches											
Electric Generators: No. x type x K.W. each				1 x 12 KW diesel (emer.)				3 x 85 KW diesel			Voltage 220 d.c.
TRIAL INFORMATION											
Displacement		3780		Tons: Draught 12.875		A: Cb - 0.619		: Speed - 15.26 Knots			
B.H.P.		2125		R.P.M.		115.2					
CONTRACT OUTCOME											
Invoice Price £ 141778				Net Profit £ 1336.							
CAREER											
Initial Trade:											
10 Dec 1941: Damaged by Japanese aircraft at Manila Bay.											
Mar 1942: Escaped Java for Australia. and commissioned as Y-1 by R.A.N as naval stores ship.											
6 Sept 1942: Bombed by Japanese aircraft & sunk on starboard side at quay side at Milne Bay New Guinea.											
1946: Raised and towed to Sydney.											
Hulk sold to Jas. Patrick & Co., refitted in Melbourne (1948) as 'Culcairn'.											
May 1962: Delivered in Sydney to Pan Norse S.S. Co. Panama.											
1964: Renamed Lombok - chartered as livestock carrier.											
Jan 1966: Seriously damaged in Surabaya.											
May 1966: Arrived Hong Kong in tow & laid up.											
July 1966: Broken up.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S. M.V. AJAX		SHIP No 548	DELIVERY YEAR			
Scotts S & E Co Ltd CB.	Cargo Liner.	SHIP OWNER	Ocean Steamship Co. Liverpool.		ENGINE No 620	1931			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	453.5	59.0	35.25	28.25		7797	4793	15320	8810
SALA CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
509960	0.703	Clincher	Steel.	Schooner		3764	2		
DATES	Order 14 Jun 1929.		Keel Lay	22 Feb 1930	Launch	19 Dec 1930	Delivery	10 Apr 1931	
Passengers Carried	1st Cl 6		2nd Cl - 3rd Cl		steerage	12	Launch Sponsor	Mrs. R. Holt.	
MACHINERY									
SUPPLIER	B & W Copenhagen		TYPE Burmeister & Wain 4 stroke single acting oil engines.						
CYLINDERS: No. x DIAMETER		8 x 740 MM		STROKE		1500 MM		PROPULSION MODE	Twin Screw
DESIGN B.H.P. & R.P.M.		8600 & 110		DESIGN SPEED		16 KNOTS		ASPIRATION	NATURAL GAS TURBO MECH. SUPERCHARGE
Propeller(s): No.		2		RH LH: Dia		16.0 ft: pitch 16.0 ft: No. of blades		4	built solid
									material brass.
Shafting: intermediate shaft, tail shaft diameters: - (15 1/2 - 3) hollow, 16 3/4 inches									
Electric Generators: No. x type x K.W. each 1 x 30 kW diesel (Cemen.) 3 x 170 kW diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		8339		Tons: Draught		16.63 ft: Cb		-0.667: Speed - 16.105 Knots	
I.H.P.		8455		R.P.M.		109.6			
CONTRACT OUTCOME									
Invoice Price		£ 242376.		Net Profit		£ 1033.			
CAREER									
Initial Trade:									
Sept. 1957 - became Glenloch.									
Nov 1958 - back to Blue Funnel as Savpedon.									
Aug. 1962 - scrapped Hong Kong.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. ECLIPSE				SHIP No	DELIVERY YEAR	
Scott's S & E Co. Ltd CB	Oil Tanker	SHIP OWNER	Standard Transportation Co. Hong Kong				ENGINE No	1931	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	484.0	65.75	37.0	28.31		9766	5860	19981	14025
CARGO CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	BYEOLD STEEL WEIGHT - TONS	No. of Masts	
546802	0.782	Clincher	Steel		Schooner	L.R.	4654	2	
DATES	Order 1 Jul 1930			Keel Lay 25 Aug 1930	Launch 30 Jun 1931		Delivery 7 Aug 1931		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Fales.				
MACHINERY									
SUPPLIER Scott's S & E Co. Ltd.					TYPE Steam Quadruple Expansion				
CYLINDER DIAMETERS - 27.39 56 82 INCHES					STROKE 4.5 FT.	PROPULSION MODE Screw			
N.H.P. 755	I.H.P. 3600 DESIGN RPM 80			DESIGN SPEED 11½ KNOTS		CONDENSER COOLING SURFACE 5406 SQ. FT.			
EXPANSION RATIO 14.7	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}}$			RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}}$					
No of Boilers: main 3 : auxiliary -		TYPE: Cylindrical				Working : main 220 Pressure : auxiliary - p.s.i.			
Dimensions D x L 16.5 x 12.0 ft				Total Heating Surface 10848 Sq. Ft.		Total Grate Area - Sq. Ft.			
Steam Space Volume - cubic feet				Furnaces: ^{total} no 9 : dia 3 ft 11¼ inches : length - ft - inches					
Boiler Tubes: Diameter 2½ inches : length - ft - inches				Fuel: Oil.		Draught: Natural Forced ✓			
Propellers: No 1. ^{R.H.} L.H. Dia. 19.0 pitch 18.25 ft: No. of blades 4 : built ✓ : solid : material H.T. brass.									
Shafting: intermediate shaft, tail shaft diameters :- 15¼ 17 inches.									
Electric Generators: No. 2 : 20 K.W. each: Voltage 110: d.c.									
TRIAL INFORMATION									
Displacement 19700 Tons: Draught 27.875 ft: C _b - 0.781 : Speed - 13.04 Knots									
I.H.P. 4103 RPM. 80.67 Steam Pressure at Engine 230 p.s.i.: Vacuum 27.9 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 194104.					Net Profit - £ 40992.				
CAREER									
Initial Trade:									
5 th April 1942 : Torpedoed by U-boat 26.30 N, 80.00 W but not sunk.									
Continued in service with Socony Vacuum until 1950									
then renamed Ionian Skipper.									
1954: Broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. SHENGKING.		SHIP No 554	DELIVERY YEAR			
Scotts' S&E Co. Ltd CB.	General Cargo.	SHIP OWNER	China Navigation Co. London		ENGINE No 626	1931			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	300.0	46.0	25.0	16.08		2999	1492	3856	1706
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
107720	0.61	Clincher	Steel.	Schooner	B.o.T.	971	2		
DATES	Order 2 Feb 1931		Keel Lay 3 Feb 1931		Launch 28 Oct 1931		Delivery 4 Dec 1931		
Passengers Carried	Saloon Cabin 39 20 2nd Cl 52 3rd Cl 60				Launch Sponsor Mrs. Brown.				
MACHINERY									
SUPPLIER		Scotts' S&E Co. Ltd. TYPE Brown Curtis Steam Turbines {h.p. + l.p. both incorp. astern}							
GEARING Single Reduction.						PROPULSION MODE Screw.			
SHP 3400 DESIGN RPM 141				DESIGN SPEED 16 KNOTS DESIGN VACUUM 29 INCHES Hg		CONDENSER COOLING SURFACE 4500 SQ. FT.			
No of Boilers: main 4 :aux -		TYPE Cylindrical - N.E.M. superheaters fitted				Working Pressure & Temp 220 p.s.i. °p			
Cylindrical Boilers	Dimensions D x L 15.0 x 11.5 ft			Total Heating Surface 9704 Sq. Ft.		Total Grate Area 235 Sq. Ft.			
	Steam Space Volume - cubic feet			Furnaces: total no 12 : dia 3 ft 8 inches : length - ft - inches					
	Boiler Tubes : Diameter inches : length ft inches								
Watertube Boilers	Total Heating Surface Sq. Ft.		Combustion Space Volume cubic feet		Fuel : Oil		Draught : Natural Forced ✓		
Propeller(s) : No. 1 ✓ RH LH: Dia 13.33 ft : pitch 12.25 ft : No. of blades 4 built solid ✓ : material bronze									
Shafting : intermediate shaft, tail shaft diameters :- 11 7/8 13 3/4 inches									
Electric Generators : No. x type x K.W. each 1 x 28 KW steam recip 1 x 12 KW diesel Voltage 110 d.c.									
TRIAL INFORMATION									
Displacement 3614 Tons : Draught 15.3 ft : Cb - 0.601 : Speed - 15.91 Knots									
S.H.P. 3975 R.P.M. 146.0 Steam Pressure 208 p.s.i. of : Vacuum 28 inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 114341 Net Profit £ 15193									
CAREER									
Initial Trade: Shanghai - Tientsin express service.									
War service in Royal Fleet Auxiliary.									
1955 - Sold to Sun Cheong S.N. Co. Hong Kong. - renamed Taipoosek.									
Jan 1959 - Breaking up commenced.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. HUNAN.		SHIP No	555	DELIVERY YEAR	1932
Scotts S & E Co Ltd CB.	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	627		
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	298.0	44.0	25.0	17.54		2827	1621	4760
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
173120	0.726	Clincher	Steel.	Schooner	B. o. T.	1072	2	
DATES	Order 5 May 1932		Kel Lay 1-Jun 1932	Launch 1 Nov 1932		Delivery 24 Nov 1932		
Passengers Carried	1st Cl 4 2nd Cl 16 3rd Cl 46				Launch Sponsor Master Timothy Willis.			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd.				TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 20 30 53 INCHES				STROKE 3.25 FT.		PROPULSION MODE Screw.		
N.H.P. 293	I.H.P. 1350		DESIGN SPEED		12½ KNOTS		CONDENSER COOLING SURFACE 1350 SQ. FT.	
EXPANSION RATIO	10.5	RATIO $\frac{\text{Air Pump Capacity}}{\text{LP. Cylinder Volume}} = \frac{1}{15.6}$		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{LP. Cylinder Volume}} = -$		(6" pump)		
No of Boilers: main	2	: auxiliary	-	TYPE: Cylindrical.		NEM supplies fitted		Working Pressure: main 215 p.s.i. auxiliary -
Dimensions D x L	14.5 x 11.25		ft	Total Heating Surface		4450		Sq. Ft. Total Grate Area 116
Steam Space Volume	-		cubic feet	Furnaces: total no 6 : dia 3 ft 5 $\frac{13}{16}$ inches : length - ft - inches				
Boiler Tubes: Diameter	3		inches	length	-	ft - inches	Fuel: Oil.	Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 1 RH LH: Dia 14.0 ft: Pitch 13.75 ft: No. of blades 4 : built solid <input checked="" type="checkbox"/> : material bronze								
Shafting: Crank shaft, intermediate, tailshaft diameters :- 11½ 10½ 14½ inches.								
Electric Generators: No. 1 : 15 K.W. each: Voltage 110 d.c.								
TRIAL INFORMATION								
Displacement 3841 Tons: Draught 14.5 ft: C _B - 0.71 : Speed - 13.13 Knots								
I.H.P. 1844 R.P.M. 100.6 Steam Pressure at Engine 210 p.s.i.: Vacuum 27.8 inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 65820 Net Profit £ 1948.								
CAREER								
Initial Trade: Hong Kong - Tientsin.								
2 Sept 1933 - Blown ashore on Chau Kung Island, Hong Kong by typhoon.								
Salvaged by Taikoo Dockyard.								
1941 - Stopped by Japanese & Chinese cargo removed.								
1951 - Attacked by armed junks near Hong Kong.								
13 Jan 1962 - Arrived at Hong Kong for breaking up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. YOCHOW.		SHIP No	558	DELIVERY YEAR		
Scotts S & E Co. Ltd. C.B.	General Cargo	SHIP OWNER	China Navigation Co London		ENGINE No	630	1933		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	298.0	44.0	25.0	17.51		2810	1638	4760	2990
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
186080	0.726	Clincher	Steel	Schooner		1091	2		
DATES	Order 9 Jan 1933		Keel Lay 8 Feb 1933		Launch 19 Oct 1933		Delivery 20 Nov 1933.		
Passengers Carried	1st Cl 4 2nd Cl 17 3rd Cl 47				Launch Sponsor Mrs. John Scott.				
MACHINERY									
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Scott two stroke single acting oil engine						
CYLINDERS: No. x DIAMETER				5 x 22 INCHES	STROKE 3.0 ft.		PROPULSION MODE Screw		
DESIGN B.H.P. & R.P.M.				1250 & 116	DESIGN SPEED 12½ KNOTS		ASPIRATION NATURAL GAS TURBO MECH. SUPERCHARGE		
Propeller(s): No. 1				RH LH: Dia 12.0 ft: pitch 11.5		ft: No. of blades 4		built solid ✓ : material bronze.	
Shafting: intermediate shaft, tail shaft diameters :- 10½, 14½/12½. inches									
Electric Generators: No. x type x K.W. each 3 x 65 KW diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		2650	Tons: Draught		10.33	ft: Cb		-0.686	: Speed - 13.57 Knots
B.H.P.		1705	R.P.M.		126.7				
CONTRACT OUTCOME									
Invoice Price £ 77548					Net Profit - £2310.				
CAREER									
Initial Trade: Hong Kong - Tientsin.									
1* Nov 1960 - Sold to Guan Guan Ltd Singapore & renamed 'Kuda Mas'.									
1966 - Hong Kong South Seas Shipping Co - King Bay.									
May 1969 - Transferred to Guan Guan Shipping (Pte) Ltd Singapore									
21 st Dec 1969 - Stranded on reef in Sulu Sea on voyage Bali / Hong Kong.									
Sept 1970 - Refloated and towed to Cebu.									
1972 - Broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. ESCAPADE.		SHIP No	556	DELIVERY YEAR				
Scotts S&E Co Ltd. CB.	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	628	1934				
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	318.25	33.25	19.5	10.5				1860	—		
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	0.59	Clincher	Steel.		—	—		539	—		
DATES	Order 2 Nov 1932		Keel Lay	30 Mar 1933	Launch 30 Jan 1934		Delivery 30 Aug 1934				
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Mr. Coutts. (overseer)						
MACHINERY											
SUPPLIER Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines. {h.p.+l.p.(incorp astern)+cruising									
GEARING Single Reduction.		(cruising turbines double redn through hp turbine)				PROPULSION MODE Twin Screws					
SHP 36,000 DESIGN RPM 350		DESIGN SPEED 32 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 13300 SQ. FT.							
No of Boilers: main - 3 : aux —		TYPE Admiralty water tube - 3 drum				Working Pressure & Temp 300 p.s.i. 200° F supt					
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches: length ft inches	
	Boiler Tubes: Diameter			inches: length ft		inches					
Watertube Boilers	Total Heating Surface		26788 Sq. Ft.		Combustion Space Volume		2956 cubic feet		Fuel - Oil	Natural Draught: Forced ✓	
Propeller(s): No. 2 ✓ RH LH: Dia 9.83 ft: pitch 13.25 ft: No. of blades 3 built solid ✓ : material bronze											
Shafting: intermediate shaft, tail shaft diameters: — (12 ¹ / ₄ - 8) hollow. inches											
Electric Generators: No. x type x K.W. each 2 - 50 KW Turbo. 1 - 20 KW Diesel. Voltage 115 d.c.											
TRIAL INFORMATION											
Displacement 1673 Tons: Draught 9.75 ft: Cb - 0.567 : Speed - 34.93 Knots											
S.H.P. 36027 R.P.M. 349.6 Steam Pressure : & Temp. at Engine psi of : Vacuum : Inches Hg											
CONTRACT OUTCOME											
Invoice Price £238919. Net Profit £24690											
CAREER											
Initial Trade:											
Employed 1939-45 on arduous convoy duties.											
August 1947 - Scrapped, P&W MacLellan, Boness.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. YUNNAN.		SHIP No	560	DELIVERY YEAR				
Scotts S & E Co Ltd CB	General Cargo	SHIP OWNER	China Navigation Co. London		ENGINE No	632	1934.				
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	298.0	44.0	25.0	17.51		2812	1634	4760	2990		
BALL CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts				
186080	0.726	Clincher	Steel	Schooner		1091	2				
DATES	Order 8 Dec 1933		Keel Lay 12 Jan 1934		Launch 26 Jul 1934		Delivery 29 Aug 1934				
Passengers Carried	1st Cl 4		2nd Cl 17		3rd Cl 47		Launch Sponsor Mrs. J.W. Robertson.				
MACHINERY											
SUPPLIER	Scotts S & E Co Ltd.		TYPE Scott two stroke single acting oil engine (solid injection)								
CYLINDERS: No. x DIAMETER				5 x 22 INCHES		STROKE 3.0 FEET.		PROPULSION MODE		Screw.	
DESIGN B.H.P. & R.P.M.				1250 & 116		DESIGN SPEED		12.5 KNOTS		ASPIRATION	NATURAL <input checked="" type="checkbox"/> GAS TURBO MECH. SUPERCHARGE
Propeller(s): No. 1				RH LH: Dia 12.0 ft: pitch 11.5		ft: No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material bronze.	
Shafting: intermediate shaft, tail shaft diameters :- 10 $\frac{1}{8}$, 14 $\frac{1}{8}$ /12 $\frac{5}{8}$. inches											
Electric Generators: No. x type x K.W. each 3 x 65 KW diesel. Voltage 220 d.c											
TRIAL INFORMATION											
Displacement		2686		Tons: Draught		10.46		ft: Cb - 0.687		: Speed - 13.92 Knots	
B.H.P.		2010		R.P.M.		133.0.					
CONTRACT OUTCOME											
Invoice Price £ 7627 6.					Net Profit - £ 1393.						
CAREER											
Initial Trade: Hong Kong - Tientsin.											
Sept. 1944.											
Jan 1946. Arms supply vessel for Royal Australian Navy.											
1959. Sold to Thai Nav. Co - Hong Kong.											
1963. Sold to Hong Kong South Sea Shipping Co. Hong Kong, renamed 'Kim Hock'.											
1964. - Renamed 'Kurio'.											
1966. Sold to Cia. de Nav. Santos, Panama & renamed 'King Eagle'.											
1968. Transferred to Guan Guan Sg. (Pte.) - Singapore & renamed 'Kim Hock'.											
1971. - Renamed Kim Hai.											
9 th June 1971. Arrived Hong Kong for breaking up by Leung Yau.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. ESCORT.		SHIP No	557	DELIVERY YEAR			
Scotts S&E Co Ltd. CB	Destroyer.	SHIP OWNER	Admiralty.		ENGINE No	629	1934			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	38.25	33.25	19.5	10.5				1860	—	
SALE CAPACITY	G _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
—	0.59	Clincher	Steel.		—	—		539	—	
DATES	Order 2 Nov. 1932		Keel Lay 30 Mar 1933		Launch 29 Mar 1934		Delivery 30 Oct 1934.			
Passengers Carried	1st CI — 2nd CI — 3rd CI —				Launch Sponsor Mr. Turner (overseer)					
MACHINERY										
SUPPLIER Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines {h.p.+l.p.(incorp astern)+cruising								
GEARING Single Reduction.		(cruising turbines double redn.) through h.p. turbine				PROPULSION MODE Twin Screws				
SHP 36,000		DESIGN RPM 356		DESIGN SPEED 36 KNOTS		CONDENSER COOLING SURFACE 13300 SQ. FT.				
DESIGN VACUUM 28 INCHES Hg										
No of Boilers: main 3 : aux —		TYPE Admiralty water tube - 3 drum				Working Pressure & Temp 300 psi 200°F Supt				
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		inches: length ft	inches
	Boiler Tubes: Diameter		inches: length ft		inches					
Watertube Boilers	Total Heating Surface		26788 Sq. Ft.		Combustion Space Volume		2956 cubic feet		Fuel - Oil	Draught: Natural Forced ✓
Propeller(s): No. 2		RH LH: Dia 9.83 ft: pitch 13.25 ft: No. of blades 3		built solid ✓		: material bronze				
Shafting: intermediate shaft, tail shaft diameters:— (12½ - 8) hollow.								inches		
Electric Generators: No. x type x K.W. each 2-50 kW turbo 1-20 kW diesel.								Voltage 115 d.c.		
TRIAL INFORMATION										
Displacement 1428 Tons: Draught —		ft: Cb - 0		: Speed - 36.28 Knots						
S.H.P. 36642 R.P.M. 356.6		Steam Pressure : & Temp. at Engine		psi of : Vacuum		Inches Hg				
CONTRACT OUTCOME										
Invoice Price £ 234871 .				Net Profit £ 45506 .						
CAREER										
Initial Trade:										
3 rd September 1939 - Assisted in rescue of 1307 survivors from										
the torpedoed 'Athenia'.										
25 th February 1940 - Sank U.63.										
11 th July 1940 - Torpedoed in the Mediterranean										
off North coast of Africa by the										
Italian submarine 'Guglielmo Marconi'.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. GALATEA.				SHIP No 559	DELIVERY YEAR
Scotts S & E Co. Ltd. CB.	Cruiser	SHIP OWNER	Admiralty.				ENGINE No 631	1935
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	480.0	51.0	28.5	14.25		5333	2399	5451
SAIL CAPACITY sq. ft.	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.56	Clincher	Steel		-	-	-	-
DATES	Order 2 Feb 1933		Keel Lay 1 Jun 1933		Launch 9 Aug 1934		Delivery 14 Aug 1935	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Alice Shaw Stewart.			
MACHINERY								
SUPPLIER Scotts S & E Co. Ltd.		TYPE Parsons Steam Turbines {h.p.+l.p.(incorp astern)+cruising						
GEARING Main h.p. & l.p. turbines - single reduction. Cruising turbines - double reduction through h.p.						PROPULSION Four MODE Screws.		
SHIP 64000 DESIGN RPM		DESIGN SPEED 32.4 KNOTS		DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 26500 SQ. FT.		
No of Boilers: main 4 : aux 1.		TYPE Admiralty 3-drum				Working (main) Pressure & Temp 350 p.s.i. 250°F Supht.		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total		no : dia ft inches : length ft inches	
	Boiler Tubes : Diameter		inches : length ft		inches			
Watertube Boilers	Total Heating Surface 45600 Sq. Ft.		Combustion Space Volume 5600 cubic feet		Fuel: Oil		Draught: Natural Forced ✓	
Propeller(s): No. 4 ✓ RH (2) outboard 12.0 No. of built : solid ✓ : material mang. LH: Dia 9.67 ft: pitch (2) inboard 11.75 ft: blades 3 : material bronze.								
Shafting: intermediate shaft, tail shaft diameters:- (12½ - 8½), (12¾ - 8½) hollow. inches								
Electric Generators: No. x type x K.W. each 2 x 225 KW turbo. 2 x 225 KW diesel. Voltage 220 . d.c.								
TRIAL INFORMATION								
Displacement 5881 Tons: Draught 14.92 ft: Cb - 0.563 : Speed - 32.32 Knots								
S.H.P. 63905 R.P.M. 358 : 0 Steam Pressure p.s.i. : Vacuum inches Hg : & Temp. at Engine °F								
CONTRACT OUTCOME								
Invoice Price £ 747584 Net Profit £ 128294								
CAREER								
Initial Trade:								
1939 - Contraband control in Mediterranean.								
26 th May 1940 - Bombarded enemy batteries near Cap Gris Nez.								
15 th Dec. 1941 - Torpedoed and sunk on passage from Alexandria by U. 557.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HM. S/M. SEAWOLF.	SHIP N°	DELIVERY YEAR.
SCOTT'S S & E CO Ltd CB	Submarine	SHIP OWNER	Admiralty.	561	1936
				ENGINE N°	
				633	

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT. Tons		MAX. SPEED.	
	193.0	24.0	15.7	12.83	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		768	950	13.75	10.01
Dates.	Order: 16 Mar 1934		Keel Lay: 25 - May 1934		Launch: 28 Nov 1935		Delivery: 12 Mar 1936	
MAIN ENGINES. (SCOTT'S)	(2) Engines, Admy. design, 4 stroke single acting - 6 cylinders 14½" bore, 15½" stroke (blast injection) each developing 775 bhp at 420 r.p.m.							
MAIN MOTORS (Lawrence Scott)	(2) Electric propulsion motors, each 650 bhp.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.75 ft. : Pitch 3¾ ft. No. of blades 3 : material - bronze.							
SHAFTING.	(6½ = 3) inches diameter (hollow).							

TRIAL INFORMATION.

Displacement.	757 Tons	Draught.	11.75 ft	Speed.	- 15.01 knots.
B.H.P.	1546.	R.P.M.	427.0.		

CONTRACT OUTCOME.

Invoice Price.	£ 179680	Net Profit.	£ 46.000
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CAREER.	Launched by Mrs. James, wife of Admiral Sir W. James.
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18 Apr. 1940.	Attacked convoy of four ships & hit two.
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2-12 Jul 1940.	Norwegian Patrol - landed two Norwegian officers on Ullevø Island and later re-embarked them with a Norwegian Air Force officer for passage to Rosyth.
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30 Jul 1941.	Sank a U-boat.
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1943.	Lent to Canada for A/S training based at Bermuda.
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23 Jun 1945	Paid off at Halifax, Nova Scotia.
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1945	Scrapped at Montreal.
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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. HOSTILE.				SHIP No 562	DELIVERY YEAR	
Scotts S & E Co Ltd. CB	Destroyer.	SHIP OWNER	Admiralty.				ENGINE No 634	1936	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	312.0	33.0	19.25	10.5		1635	736	1820	—
SALE CAPACITY TONS	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	PROVED STEEL WEIGHT - TONS	No. of Masts	
—	0.61	Clincher	Steel.		—	—	528	—	
DATES	Order 15 Nov 1934			Keel Lay 27 Feb 1935	Launch 24 Jan 1936		Delivery 10 Sept. 1936		
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Mrs. Colvin.				
MACHINERY									
SUPPLIER Scotts S & E Co. Ltd.		TYPE Parsons Steam Turbines {h.p. + l.p. (incorp astern)}							
GEARING Single Reduction.						PROPULSION MODE Twin Screws.			
SHP 34 000 DESIGN RPM 350		DESIGN SPEED 36 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 12750 SQ. FT.					
No of Boilers: main 3 : aux —		TYPE Admiralty water tube - 3 drum				Working Pressure & Temp 300 p.s.i. 600. °F			
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Sq. Ft.		Total Grate Area	
	Steam Space Volume			Furnaces: no		: dia ft		: length ft	
	Boiler Tubes: Diameter			: length ft		: inches			
Water tube Boilers	Total Heating Surface 24877 Sq. Ft.		Combustion Space Volume 2580 cubic feet		Fuel - Oil		Natural Draught: Forced ✓		
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 9.83 ft: pitch 13.08 ft: No. of blades 3 built : solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters :- (12 1/4 - 7 3/4) hollow inches									
Electric Generators: No. x type x K.W. each 1-20 kW diesel 2-50 kW turbo Volage 220 d.c.									
TRIAL INFORMATION									
Displacement 1432 Tons: Draught 8.67 ft: Cb - 0.561 : Speed - 35.99 Knots									
S.H.P. 34258 R.P.M. 351.5 Steam Pressure p.s.i. : & Temp. at Engine °F : Vacuum Inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 240840 Net Profit £ 24346.									
CAREER									
Initial Trade:									
22nd. August 1940 - Mined - off Cape Bon in Mediterranean.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. HOTSPUR			SHIP No 563	DELIVERY YEAR
Scotts S&E Co Ltd. CB.	Destroyer.	SHIP OWNER	Admiralty			ENGINE No 635	1936
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	312.0	33.0	19.25	10.5		1635	736
							Displacement
							1820
							Deadweight
							—
SALE CAPACITY	C _D	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
—	0.61	clinker	Steel.	—	—	528	—
DATES	Order 15 Nov. 1934		Keel Lay 27 Feb 1935		Launch 23 Mar 1936		Delivery 29 Dec 1936
Passenger Certification	1st CI — 2nd CI — 3rd CI —				Launch Sponsor Lady Naismith		
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines {hp. + l.p. (incorporated)} 17702				
GEARING	Single Reduction					PROPULSION MODE Twin Screws	
	SHP 34,000 DESIGN RPM 350		DESIGN SPEED 36 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 12750 SQ. FT.		
No of Boilers: main 3 : aux —	TYPE Admiralty water tube - 3 drum					Working Pressure & Temp 300 psi 600 °F	
Cylindrical Boilers	Dimensions D x L		Total Heating Surface		Total Grate Area		Sq. Ft.
	Steam Space Volume		Furnaces: total		: dia		ft
	Boiler Tubes: Diameter		: inches		: length		ft
Water tube Boilers	Total Heating Surface 24877 Sq. Ft.		Combustion Space Volume 2580 cubic feet		Fuel - Oil		Draught: Natural Forced
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 9.83 ft: pitch 13.08 ft: No. of blades 3 built: solid ✓ : material bronze							
Shafting: intermediate shaft, tail shaft diameters: — (12½ - 7½) hollow. : inches							
Electric Generators: No. x type x K.W. each 1 x 20 kW diesel 2 x 50 kW turbo Voltage 220 d.c.							
TRIAL INFORMATION							
Displacement 1424 Tons: Draught 8.8 ft: Cb - 0.55 : Speed - 36.0 Knots							
S.H.P. 33934 R.P.M. 351.5 : Steam Pressure : & Temp. at Engine : Vacuum : Inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 237470 Net Profit £ 47071.							
CAREER							
Initial Trade:							
27 July 1936 - Hit submerged rocks between Inchmarnock & Bute							
during builders trials. Propellers damaged.							
18 Oct. 1940 - Sank Italian submarine 'Lafale'							
23 Dec. 1941 - With HMS Hasty destroyed U 75 in Mediterranean.							
June 1944 - At Normandy landings and assisted in destruction							
of U.767 off Les Heaux, Brittany.							
1948 - Sold to Dominica (as Trujillo) - scrapped 1972							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SWEDRU.		SHIP No	567	DELIVERY YEAR				
SCOTTS' S&E Co Ltd.	Cargo Passenger	SHIP OWNER	Elder Dempster Lines - Liverpool		ENGINE No	640	1937				
<div>CB</div> <div>TECHNICAL INFORMATION</div>											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	370.0	52.5	24.75	22.7		4124	2321	9247	5987		
SALA CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	SWOICD	No. of Masts			
320,800	0.73	Clincher	STEEL		Schooner	B.C.	2218	2			
DATES	Crucir 31 Mar 1936		Keel Lay 4 Jun 1936		Launch 31 Mar. 1937		Delivery 4 May 1937.				
Passengers Carried	1st Cl 12		2nd Cl -		3rd Cl -		Launch Sponsor Mrs. Torrey.				
MACHINERY											
SUPPLIER	W. Doxford.		DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 56 LB 4								
CYLINDERS: No. x DIAMETER	4 x 560 MM		STROKE		2160 MM		PROPULSION MODE SCREW				
DESIGN B.H.P. (Service)	3100		120 RPM		DESIGN SPEED 12½ KNOTS		ASPIRATION NATURAL				
Propeller(s): No.	1		RH LH: Dia 15.0 ft: pitch 11.75 max 9.75 min		ft: No. of blades 4		built: solid ✓ v.p. mang bronze material				
Shafting: intermediate shaft, tail shaft diameters :- 13¼ 15½ inches						fuel: diesel.					
Electric Generators: No. x type x K.W. each 3 x 93 kW Diesel.						Voltage					
TRIAL INFORMATION											
Displacement		5256		Tons: Draught		13.83		ft: Cb - 0.684		Speed - 14.74 Knots	
B.H.P.		3450		R.P.M.		127.90					
CONTRACT OUTCOME											
Invoice Price £ 113810					Net Profit - £ 2595.						
CAREER											
Initial Trade: West Africa											
16 th April 1941. - Attacked by Focke-Wolf Condor whilst in											
convoy - Freetown to Liverpool.											
Set ablaze - 7 passengers + 17 crew died.											
Swedru torpedoed and sunk by a British											
warship.											
Focke Wolf ditched after anti-aircraft damage.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. GLASGOW.				SHIP No	DELIVERY YEAR	
Scotts' S&E Co.Ltd CB	Cruiser	SHIP OWNER	Admiralty.				ENGINE No 636	1937.	
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	DI	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	558.0	64.17	33.25	17.17		9254	5178	9100	-
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.57	Clincher	Steel		-	-	4079	-	
DATES	Order 20 Dec 1934			Keel Lay 16 Apr 1935	Launch 20 Jun 1936		Delivery 9 Sept 1937		
Passengers Carried	1st CI	2nd CI	3rd CI		Launch Sponsor Mrs. Baldwin - wife of Prime Minister.				
MACHINERY									
SUPPLIER	Scotts' S&E Co.Ltd		TYPE Parsons Steam Turbines {h.p.+l.p.(incorp astern)+cruising}						
GEARING	main h.p. & l.p. turbines - single reduction. cruising turbines - double reduction through h.p.					PROPULSION MODE Four Screws			
	SHP 75000 DESIGN RPM 300		DESIGN SPEED 32 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 29400 SQ. FT.				
No of Boilers: main 4 : aux 1	TYPE Admiralty 3-drum.				Working Pressure & Temp 350 p.s.i. 250°F				
Cylindrical Boilers	Dimensions D x L			ft	Total Heating Surface		Sq. Ft.	Total Grate Area	
	Steam Space Volume			cubic feet	Furnaces: total no		: dia ft	inches: length ft	inches
	Boiler Tubes: Diameter			inches: length ft	inches				
Watertube Boilers	Total Heating Surface		54800 Sq. Ft.		Combustion Space Volume.		6000 cubic feet	Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 4		✓ RH ✓ LH: Dia 11.0 ft: pitch	(2) outboard 13.75 ft. blades (2) inboard 13.42 ft. blades		No of blades 3	built: solid ✓		: material mang bronze	
Shafting: intermediate shaft, tail shaft diameters :- (14 $\frac{1}{8}$ - 10), (16 $\frac{1}{2}$ - 12 $\frac{1}{2}$) hollow. inches									
Electric Generators: No. x type x K.W. each 4 x 300 KW turbo Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		9078 Tons: Draught 17.05		ft: C _b - 0.52	: Speed - 32.68 Knots				
S.H.P. 75198 R.P.M. 302		Steam Pressure & Temp. at Engine		p.s.i. of	: Vacuum		inches Hg		
CONTRACT OUTCOME									
Invoice Price £ 1033,628				Net Profit £ 164,910.					
CAREER				COMPLEMENT :- 813.					
Initial Trade:									
1940 : Involved in the Norwegian campaign.									
10 th May 1940 : landed Royal Marines battalion in Iceland to occupy Reykjavik.									
30 th March 1943 : Sank blockade runner Regensburg.									
28 th December 1943 : With 'Enterprise' sank 3 enemy destroyers.									
July 1958 : Scrapped - Blyth - T.W. Ward.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	T.S. M.V. GLENROY		SHIP No	DELIVERY YEAR
SCOTT'S S&E Co. Ltd	Cargo Passenger	SHIP OWNER	Glen Line Liverpool		ENGINE No	1938
CB						
TECHNICAL INFORMATION						
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross
	475.0	66.0	38.0	30.48		8997
						Register
						5390
						Displacement
						18060
						Deadweight
						9800
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
523.400	0.665	Clincher	Steel.	Schooner		4731
						No. of Masts
						2
DATES	Order 4 Dec 1936		Keel Lay	1 Mar 1937	Launch	15 Aug 1938
					Delivery	27 Dec 1938
Passengers Carried	1st Cl 12 2nd Cl - 3rd Cl -				Launch Sponsor	Lady Holt.
MACHINERY						
SUPPLIER		TYPE				
Burmeister & Wain Copenhagen.		B&W Two Cycle Double Acting Direct Reversing Oil Engines.				
CYLINDERS: No. x DIAMETER		6 x 620 MM		STROKE	1400 MM	PROPULSION MODE
						Twin Screw
DESIGN B.H.P. & R.P.M.		12000 - 110		DESIGN SPEED	17½ KNOTS	ASPIRATION
						NATURAL GAS TURBO MECH SUPERCHARGE
Propeller(s): No. 2		✓ RH ✓ LH: Dia 17.0 ft: pitch 18.5 set. ft: No. of blades 4		built solid ✓		M.T. material brass
Shafting: intermediate shaft, tail shaft diameters:- 16½, 17½ inches. fuel - diesel.						
Electric Generators: No. x type x K.W. each 4 x 300 kw, 1 x 40 (emer) Diesel Voltage 220 d.c.						
TRIAL INFORMATION						
Displacement		10,400 Tons		Draught	19.3 ft	Speed - 18.716 Knots
B.H.P.		14850		R.P.M.	115	
CONTRACT OUTCOME						
Invoice Price		£ 348,295.		Net Profit	£ 4400	
CAREER						
Hull and London to Far East. (1948 - 1966)						
1939-46 - On naval service.						
1940 - Converted to an infantry assault ship.						
1941 - Assisted at evacuation of Crete.						
- operation 'Aggression' to relieve Tobruk.						
(hit by aerial torpedo)						
1942-3 - Repaired and converted to LSI (L)						
1944 - Took part in the Normandy landings. (mined)						
1945-6 - In Pacific - Far East Squadron.						
1948 - Returned to Glen Line Far East service						
1966 - Left Kobe for Onomichi to be broken up.						

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. MATABELE.		SHIP No	568		DELIVERY YEAR
Scotts' S&E Co., Ltd. CB	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	641		1939
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	355.5	36.5	21.54	11.25		2324	1046	2532 full load
SALE CAPACITY (cubic feet)	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
-	0.597	clinker	Steel		-	-		-
DATES	Order 25 June 1936		Keel Lay 1 Oct 1936		Launch 6 Oct 1937		Delivery 25 Jan 1939.	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Lanigan O'Keefe.			
MACHINERY								
SUPPLIER	Scotts' S&E Co., Ltd.		TYPE Parsons Marine Turbines. {h.p + l.p (incorp. astern)}					
GEARING	Single reduction.					PROPULSION MODE Twin screws.		
	SHP DESIGN RPM	44,000 350		DESIGN SPEED 36.5 KNOTS		CONDENSER COOLING SURFACE 15048 SQ. FT.		
	DESIGN VACUUM 28 INCHES Hg		Working Pressure & Temp 300 p.s.i. 600 °F.					
No of Boilers: main	3 : aux -		TYPE Admiralty water tube 3-drum					
Cylindrical Boilers	Dimensions D x L ft			Total Heating Surface Sq Ft		Total Grate Area Sq. Ft.		
	Steam Space Volume cubic feet		Furnaces: total no		: dia ft		: inches : length ft : inches	
	Boiler Tubes: Diameter inches		: length ft		: inches			
Watertube Boilers	Total Heating Surface 29775 Sq. Ft.		Combustion Space Volume - cubic feet		Fuel: Oil		Draught: Natural Forced <input checked="" type="checkbox"/>	
Propeller(s): No. 2 ^{✓RH} LH: Dia 1025 ft: pitch 13.08 ft: No. of blades 3 built: solid <input checked="" type="checkbox"/> : material bronze								
Shafting: intermediate shaft, tail shaft diameters :- (13.5 - 8.75) hollow, 15.375 inches								
Electric Generators: No. x type x K.W. each 2. 80 kw turbo 1. 30 kw diesel. Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement 1919 Tons: Draught 9.2 ft.: Cb - 0.563 : Speed - 37.3 Knots								
S.H.P. 44933 R.P.M. 373.8 Steam Pressure p.s.i. of : Vacuum inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 334188 Net Profit £ 27881								
CAREER								
Initial Trade:								
Employed on escort and patrol duties with Home Fleet								
until sunk by torpedo in Barents Sea on Russian								
convoy duty on 17 th January 1942. (U.454)								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. PUNJABI		SHIP No 569	DELIVERY YEAR			
Scotts S & E Co., Ltd.	Destroyer	SHIP OWNER	Admiralty		ENGINE No 642	1939			
<div>CB</div> <div>TECHNICAL INFORMATION</div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	355.5	36.5	21.54	11.25		2324	1046	2532 full load	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.597	Clincher	Steel		-	-		-	-
DATES	Order 25 Jun 1936			Keel Lay 1 Oct 1936	Launch 18 Dec 1937		Delivery 29 Mar 1939		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Sir Firozkhan Noon.				
MACHINERY									
SUPPLIER	Scotts S & E Co., Ltd.		TYPE Parsons Steam Turbines. {hp. + l.p. (incorp. astern)}						
GEARING Single Reduction.						PROPULSION MODE Twin Screws			
SHP DESIGN RPM		44000 350		DESIGN SPEED DESIGN VACUUM		36.5 KNOTS 28 INCHES Hg		CONDENSER COOLING SURFACE 15048 SQ. FT.	
No of Boilers: main 3 : aux -			TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 300 p.s.i. 620 °F		
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Sq. Ft.		Total Grate Area	
	ft			Sq. Ft.		Sq. Ft.		Sq. Ft.	
	Steam Space Volume			cubic feet		Furnaces: total no : dia ft. inches : length ft. inches			
Boiler Tubes : Diameter			inches : length		ft. inches				
Watertube Boilers	Total Heating Surface		29775 Sq. Ft.		Combustion Space Volume		cubic feet		Fuel : Oil
Propeller(s) : No. 2			RH LH : Dia 10.25 ft : pitch 13.08 ft : No. of blades 3		built : solid		: material bronze		
Shafting : intermediate shaft, tail shaft diameters :- (13.5 - 8.75) hollow, 15.375 inches									
Electric Generators : No. x type x K.W. each				2- 80 kw turbo 1- 30 kw diesel.			Voltage 220 d.c.		
TRIAL INFORMATION									
Displacement		1926 Tons		Draught 9.2 ft. : Cb - 0.565		Speed - 36.84 Knots			
S.H.P. 45948 R.P.M. 368.4		Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 335815					Net Profit £ 55744.				
CAREER									
Initial Trade :									
June 1940 - Evacuated Polish troops from St. Nazaire.									
1st May 1942 - Sunk in collision with battleship King George V.									
east of Iceland in bad weather. Punjabi sank so									
rapidly that her depth charges could not be made safe.									
The resultant underwater explosion badly damaged K.G.V									
putting her out of action but ultimately she reached Safer Flow.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SANSU.		SHIP No 573	DELIVERY YEAR			
Scotts S&E Co. Ltd CB	General Cargo.	SHIP OWNER	Elder Dempster Lines. Liverpool.		ENGINE No 646	1939			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	370.0	52.5	24.75	22.7		4174	2345	9247	5927
SALE CAPACITY Gross Tons	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
320750	0.73	Clincher	Steel		Schooner	B.C.	2293	2	
DATES	Order 31 Dec 1936		Keel Lay 8 Oct 1937		Launch 7 Jan 1939		Delivery 29 Mar 1939		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor Mrs. A.C. Tod				
MACHINERY									
SUPPLIER SCOTT'S S&E Co. Ltd		TYPE M.A.N Two Cycle Double Acting Direct Reversing Oil Engine.							
CYLINDERS: No. x DIAMETER		6 x 600 MM		STROKE		900 MM		PROPULSION MODE	
								Screw.	
DESIGN B.H.P. & R.P.M.		3100		DESIGN SPEED		12 1/2 KNOTS		ASPIRATION	
								NATURAL <input checked="" type="checkbox"/> GAS TURBO <input checked="" type="checkbox"/> MECH SUPERCHARGE <input checked="" type="checkbox"/>	
Propeller(s): No. 1		✓ RH LH: Dia 15.0 ft: pitch 11.75 max 9.75 min		ft: No. of blades 4		built : solid ✓		mang. : material bronze.	
Shafting: intermediate shaft, tail shaft diameters:- 12 3/8 15 3/8 inches. fuel: diesel.									
Electric Generators: No. x type x K.W. each 3 - 93KW. Diesel. Voltage 220.d.c									
TRIAL INFORMATION									
Displacement 5520 Tons: Draught 14.42 ft: Cb - 0.694 : Speed - 14.41 Knots									
B.H.P. 3395 R.P.M. 122.3									
CONTRACT OUTCOME									
Invoice Price £ 181940					Net Profit -£ 14644				
CAREER									
Initial Trade: West Africa.									
13 th January 1961 - Sold for scrapping to B.I.S.N. Corpn.									
for £ 38000 and broken up by T.W. Ward, Preston.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SANGARA.		SHIP No 574	DELIVERY YEAR			
Scotts S & E Co., Ltd.	General Cargo.	SHIP OWNER	Elder Dempster Lines Liverpool.		ENGINE No 647	1939.			
CB									
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	370.0	52.5	24.75	22.7		4174	2345	9247	5927
BALL CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		DIVORCED STEEL WEIGHT - TONS	No. of Masts
320750	0.73	Clincher	Steel		Schooner	B.C.		2293	2
DATES	Order 31 Dec 1936			Keel Lay 6 Nov 1937	Launch 7 Mar 1939		Delivery 17 Jun 1939		
Passengers Carried	1st Cl	2nd Cl	3rd Cl			Launch Sponsor Mrs. Cripps.			
MACHINERY									
SUPPLIER SCOTT'S S & E Co. Ltd.		TYPE M.A.N. Two Cycle Double Acting Direct Reversing Oil Engine.							
CYLINDERS: No. x DIAMETER				6 x 600 MM		STROKE 900 MM		PROPULSION MODE Screw	
DESIGN B.H.P. & R.P.M.				3100		DESIGN SPEED 12½ KNOTS		ASPIRATION NATURAL <input checked="" type="checkbox"/> GAS TURBO <input checked="" type="checkbox"/> MECH SUPERCHARGE	
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH 11.75 max LH: Dia 15.0 ft: pitch 9.75 min ft: No. of blades 4 built <input checked="" type="checkbox"/> solid <input checked="" type="checkbox"/> : material mang. bronze									
Shafting: intermediate shaft, tail shaft diameters :- 12½ 15½ inches. fuel: diesel.									
Electric Generators: No. x type x K.W. each 3 x 93 KW Diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 5534 Tons: Draught 14.5 ft: Cb - 0.692 : Speed - 13.393 Knots									
B.H.P. 3350 R.P.M. 120.95.									
CONTRACT OUTCOME									
Invoice Price £ 180973 Net Profit £ 3624.									
CAREER									
Initial Trade: West Africa.									
30 th May 1941. Torpedoed in Accra roads by submarine U69 and sank in 30 feet of water.									
1 st April 1943. Sold as is/where is to two local engineers for £500 and after refloating was towed to Lagos.									
Post War. Elder Dempster repurchased Sangara and she was towed to South Shields, 62 days at 2½ knots.									
10 th April 1947. Left Liverpool on 2nd maiden voyage.									
14 th Sept. 1960 - Sold for £38,000 to B.I.S.N. Corpn.									
17 th Sept 1960 - Arrived Preston for scrapping.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. BONAVENTURE J1101		SHIP No	575	DELIVERY YEAR				
Scotts S & E Co. Ltd CB	Cruiser	SHIP OWNER	Admiralty.		ENGINE No	648	1940				
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	485.0	50.5	28.25	14.8		5393	2926	5770	-		
BALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0.54	Clincher	Steel		-	-		-	-		
DATES	Order 23 Mar 1937			Keel Lay 30 Aug 1937	Launch 19 Apr 1939		Delivery 24 May 1940				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Wigram.						
MACHINERY											
SUPPLIER	Scotts S & E Co. Ltd		TYPE Parsons Steam Turbines {hip. + l.p. (incorp. astern) + cruising.								
GEARING	Main h.p. & l.p. turbines - single reduction. Cruising turbines - double reduction.					PROPULSION MODE Four screws					
	SHIP DESIGN RPM		62,000 350		DESIGN SPEED 33 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 22,000 SQ. FT.				
No of Boilers: main	4 : aux 1		TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 400 p.s.i. 700 °F				
Cylindrical Boilers	Dimensions DxL			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		: length ft : inches	
	Boiler Tubes: Diameter			inches		length ft		inches			
Watertube Boilers	Total Heating Surface		36120 main 2470 aux Sq. Ft.		Combustion Space Volume		3440 cubic feet 230		Fuel: Oil		Draught: Natural Forced ✓
Propeller(s): No. 4 ✓ RH ✓ LH: Dia 9.5 ft: pitch 12.0 ft: No. of blades 3 built solid ✓ : material bronze											
Shafting: intermediate shaft, tail shaft diameters :- (12 $\frac{3}{8}$ - 8 $\frac{1}{4}$), (12 $\frac{1}{2}$ - 8 $\frac{1}{4}$) hollow inches											
Electric Generators: No. x type x K.W. each 4 - 300 Kw turbo. Voltage 220 d.c.											
TRIAL INFORMATION											
Displacement 6400 Tons: Draught 16.09 ft.: Cb - 0.568 : Speed - 30.46 Knots											
S.H.P. 63000 R.P.M. 342.0 Steam Pressure p.s.i. of : Vacuum inches Hg											
CONTRACT OUTCOME											
Invoice Price £ 1,013,241 Net Profit £ 195,254.											
CAREER											
Initial Trade:											
31 March 1941 - Hit by torpedoes* & sunk while escorting											
troopships Breconshire & Cameronia											
from the Aegean Sea, south of Crete.											
* Italian submarine Ambra.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. TUNA. N. 91	SHIP N° 577	DELIVERY YEAR. 1940
Scott's S & E Co. Ltd CB	Submarine	SHIP OWNER	Admiralty J 1106	ENGINE N° 651	

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT-Tons		MAX. SPEED.	
	263.0	26.5	17.66 to keel	14.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		1327	1575	15.25	9.
Dates.	Order: 9 Nov 1937		Keel Lay: 13 Jun 1938		Launch: 10 May 1940		Delivery: 1 Aug 1940	
MAIN ENGINES. (SCOTTS)	(2) Engines, MAN design, 4 stroke single acting, 7 cylinders 400mm bore, 460mm stroke, exh. gas turbo charged, each developing 1250 bhp at 48 rpm.							
MAIN MOTORS	(2) Electric propulsion motors, each 725 s.h.p.							
BATTERIES.	3 batteries totalling 336 cells.							
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.33 ft.: Pitch 5.54 ft. No of blades 3 : material - bronze.							
SHAFTING.	All (6.25 - 3) inches diameter (hollow)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft :	Speed. -	knots.
B.H.P.	R.P.M.				

CONTRACT OUTCOME.

Invoice Price. £ 323869	Net Profit . £ 129584.
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CAREER : Launched by Mrs. Dunkerley.

1940-3 : Much involved in anti U-boat operations. Sank U 644-7/4/1943

Nov. 1943 : Refitted for training duties.

June 1946: Scrapped - T.W. Ward, Briton Ferry.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. PYTCHLEY. J III.				SHIP No	DELIVERY YEAR			
Scotts S & E Co. Ltd.	Destroyer	SHIP OWNER	Admiralty.				ENGINE No	1940			
							581	655			
CB. TECHNICAL INFORMATION											
DIMENSIONS FEET		L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
		264.2	29.0	17.17	9.13		1129	447	1120	-	
BALE CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0.561	Clincher		Steel		-	-		-		
DATES	Order 13 Apr 1939			Keel Lay 26 Jul 1939		Launch 13 Feb 1940		Delivery 23 Oct 1940			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Miss Scott-Phillips					
MACHINERY											
SUPPLIER		TYPE Parsons Steam Turbines {h.p.+l.p.(incorp. astern)}									
Scotts S & E Co. Ltd.											
GEARING Single Reduction.							PROPULSION MODE		Twin Screws		
SHP DESIGN RPM		19000 460		DESIGN SPEED		27.5 KNOTS		CONDENSER COOLING SURFACE 6880 SQ. FT.			
				DESIGN VACUUM		28 INCHES Hg					
No of Boilers: main		2 : aux		TYPE Admiralty watertube 3 drum				Working Pressure & Temp 300 p.s.i. 650 °F			
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		dia ft		inches: length	ft inches
	Boiler Tubes: Diameter			inches: length		ft		inches			
Watertube Boilers		Total Heating Surface		11650 Sq. Ft.		Combustion Space Volume		cubic feet		Fuel: Oil	Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 2 ^{RH} LH: Dia 8.25 ft: pitch 10.25 ft: No. of blades 3 built: solid <input checked="" type="checkbox"/> : material bronze											
Shafting: intermediate shaft, tail shaft diameters: - (9.5 - 6) hollow. inches											
Electric Generators: No. x type x K.W. each 2 x 60 kW turbo 2 x 20 kW diesel Voltage 220 d.c.											
TRIAL INFORMATION											
Displacement		Tons: Draught		ft.: Cb - 0.		Speed -		Knots			
S.H.P. -		R.P.M. -		Steam Pressure : & Temp. at Engine		p.s.i. of Vacuum		inches Hg			
CONTRACT OUTCOME											
Invoice Price £ 274 526					Net Profit £ 29 722						
CAREER Employed on coastal convoy duties during											
Initial Trade: most of World War II.											
Dec 1956. Scrapped - Llanelli.											

[illegible]

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. TANK LANDING CRAFT-15		SHIP No 596	DELIVERY YEAR			
Scotts S&E Co Ltd CB	Tank Landing Craft	SHIP OWNER	Admiralty. J 1122.		ENGINE No 670	1940			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	135.0	29.0	9.5	5.0		-	-	318	-
BALE CAPACITY cub ft	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts	
-	0.59	Clincher	Steel		-	-	222	-	
DATES	Order 27 Jul 1940		Keel Lay 4 Sep 1940		Launch 9 Dec 1940		Delivery 11 Dec 1940		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor -				
MACHINERY									
SUPPLIER HALL · SCOTT		TYPE Petrol engines. (geared)							
CYLINDERS: No. x DIAMETER 12 x 5.75 in				STROKE 7 in.		PROPULSION MODE	Twin Screws.		
DESIGN B.H.P. & R.P.M. 500				DESIGN SPEED 10 KNOTS		ASPIRATION	NATURAL GAS TURBO MECH SUPERCHARGE		
Propeller(s): No. 2 [✓] RH [✓] LH: Dia 3.25 ft: pitch 1.8 ft: No. of blades 3. built solid [✓] : material bronze									
Shafting: intermediate shaft, tail shaft diameters :- 0, 3 inches									
Electric Generators: No. x type x K.W. each 1 x 15 kW Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb - 0.		Speed -		Knots	
B.H.P.		R.P.M.							
CONTRACT OUTCOME									
Invoice Price		£ 23,735		Net Profit		-£ 1348			
CAREER									
Initial Trade:									
August 1941 - Lost in Mediterranean.									

[illegible]

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. QUANTOCK. J1112		SHIP No	582		DELIVERY YEAR		
Scotts S & E Co. Ltd CB.	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	656		1941.		
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	264.2	29.0	17.17	9.13		1129	447	1120		
SALE CAPACITY (cubic feet)	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.561	Clincher	Steel		-	-		-	-	
DATES	Order 13 Apr 1939			Keel Lay	26 Jul 1939		Launch 22 Apr 1940	Delivery 6 Feb 1941.		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. Newton, wife of R.C. Newton				
MACHINERY R.C.N.C.										
SUPPLIER	Scotts S & E Co. Ltd		TYPE Parsons Steam Turbines. {h.p.+l.p (incorp. astern)}							
GEARING	Single Reduction.						PROPULSION MODE	Twin Screw		
	SHP DESIGN RPM		19000 400		DESIGN SPEED 27.5 KNOTS		DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 6880 SQ. FT.	
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum. Working Pressure & Temp 300 p.s.i. 650 °F							
Cylindrical Boilers	Dimensions D x L				ft		Total Heating Surface		Sq Ft.	
	Steam Space Volume				cubic feet		Furnaces : total no		: dia ft inches : length ft inches	
	Boiler Tubes : Diameter				inches : length ft		inches			
Watertube Boilers	Total Heating Surface		11650 Sq. Ft.		Combustion Space Volume		cubic feet		Fuel : Oil	Draught : Natural Forced <input checked="" type="checkbox"/>
Propeller(s) : No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH : Dia 8.25 ft : pitch 10.25 ft : No. of blades 3 built : solid <input checked="" type="checkbox"/> : material bronze										
Shafting : intermediate shaft, tail shaft diameters :- (9.5 - 6) hollow inches										
Electric Generators : No. x type x K.W. each 2 x 60 kW turbo 2 x 20 kW diesel Voltage 220 d.c.										
TRIAL INFORMATION										
Displacement		Tons : Draught		ft. : Cb - 0		: Speed -		Knots		
S.H.P.	R.P.M.	Steam Pressure : & Temp. at Engine		p.s.i. of		: Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price £ 275288					Net Profit £ 49005					
CAREER										
Initial Trade :										
1941-3 East Coast convoy duties.										
1943-5 Escort duties out of Gibraltar.										
1955 - Sold to Ecuador, became Presidente Alfaro.										
From 1970 - Used as a fire control training centre.										
1979 - Scrapped.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. TYNE. J 1100		SHIP No	572		DELIVERY YEAR
Scotts' S&E Co., Ltd	Destroyer Depot ship.	SHIP OWNER	Admiralty.		ENGINE No	645		1941
CB. TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	585.0	66.0	43.0	20.25		13261	10551	14600
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.653	Clincher	steel		-	-	-	-
DATES	Order 5 April 1938		Keel Lay 15 Jul 1938		Launch 20 Feb 1940		Delivery 28 Feb 1941	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. J. Hoare			
MACHINERY								
SUPPLIER	Scotts' S&E Co. Ltd.		TYPE Parsons Steam Turbines. {h.p. + l.p (incorp. astern)}					
GEARING	Single Reduction.					PROPULSION MODE		Twin screw
	SHP	7500	DESIGN SPEED		17 KNOTS	CONDENSER COOLING SURFACE		
	DESIGN RPM	254	DESIGN VACUUM		28 INCHES Hg	7500 SQ. FT.		
No of Boilers: main	4	: aux -	TYPE Admiralty Watertube 3-drum			Working Pressure & Temp 250 p.s.i. superh ^t & F		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia. ft. inches : length ft. inches	
	Boiler Tubes: Diameter		inches : length ft.		inches			
Watertube Boilers	Total Heating Surface		18760 Sq. Ft.		Combustion Space Volume		- cubic feet	
					Fuel: Oil		Draught: Natural Forced <input checked="" type="checkbox"/>	
Propeller(s): No. 2 [✓] RH [✓] LH: Dia 10.5 ft: pitch 8.5 ft: No. of blades 3 built: solid <input checked="" type="checkbox"/> : material mang bronze.								
Shafting: intermediate shaft, tail shaft diameters :- (11-7) (12.5-8) hollow. inches								
Electric Generators: No. x type x K.W. each 2 x 300 kw turbo. 2 x 300 kw diesel. Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement 13340 Tons: Draught 19.5 ft.: Cb - 0.613 : Speed - 15.2 Knots								
S.H.P. 8042 R.P.M. 234.4 Steam Pressure p.s.i. of : & Temp. at Engine : Vacuum inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 1,188,812 Net Profit £ 108,800								
CAREER								
Initial Trade: June 1944 - Flagship Rear Admiral Destroyers - Normandy Landings								
Nov 1944+ - " " " " - Pacific Fleet.								
1972 - Scrapped. H.K. Vickers Sheffield.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. CHIDDINGFOLD. J. 1115		SHIP No	586	DELIVERY YEAR			
Scotts S&E Co., Ltd.	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	659	1941			
CB. TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	264.2	31.5	17.17	9.13		1240	558	1274	-	
BALE CAPACITY cubic feet	C _h	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0.59	Clincher	Steel		-	-	-	-		
DATES	Order 9 Oct 1939		Keel Lay	1 Mar 1940		Launch 10 Mar 1941	Delivery 16 Oct 1941			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Miss Daphne Scott.				
MACHINERY										
SUPPLIER	Scotts S&E Co., Ltd.		TYPE Parsons Steam Turbines { h.p. + l.p. (incorp. astern) }							
GEARING	Single Reduction.					PROPULSION MODE	Twin Screws.			
	SHP DESIGN RPM	19.000 400		DESIGN SPEED	27.5 KNOTS		CONDENSER COOLING SURFACE	6880 SQ. FT.		
				DESIGN VACUUM	28 INCHES Hg					
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 300 p.s.i. 650 °F			
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface	Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no	dia ft	inches	length ft	inches
	Boiler Tubes: Diameter			inches		length ft	inches			
Watertube Boilers	Total Heating Surface		11650 Sq. Ft.		Combustion Space Volume	cubic feet	Fuel: Oil	Draught: Natural Forced ✓		
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 8.25 ft: pitch 10.0 ft: No. of blades 3 built solid ✓: material bronze.										
Shafting: intermediate shaft, tail shaft diameters :- (9.5 - 6) hollow. inches										
Electric Generators: No. x type x K.W. each 2 x 60 KW turbo 2 x 60 KW diesel. Voltage 220 d.c.										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft.: Cb - 0.		Speed - 31.5 Knots				
S.H.P.	R.P.M.	Steam Pressure & Temp. at Engine		p.s.i. of Vacuum		inches Hg				
CONTRACT OUTCOME										
Invoice Price £ 297,731.					Net Profit £ 25,154.					
CAREER										
Initial Trade:										
1941-3 - Operated in Orkneys & Shetlands command.										
Sept. 1943 - Joined 59 th Division in Mediterranean.										
March 1945 - Bombarded Genoa.										
July 1945 - Joined East Indies fleet.										
1953 - Transferred to Indian Navy - 'Ganga'										
1955 - Scrapped.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. LOOKOUT. J1109		SHIP No	578	DELIVERY YEAR		
Scott's S&E Co. Ltd	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	652			
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	345.5	36.75	20.5	12.33		2123	956	2630 full load	-
BALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.54	Clincher	Steel		-	-	-	-	
DATES	Order 12 Apr 1938		Keel Lay	23 Nov 1938		Launch	4 Nov 1940		Delivery 30 Jan 1942
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Mvs. Forsyth, wife of Cdr. Forsyth.			
MACHINERY									
SUPPLIER	Scott's S&E Co., Ltd		TYPE Parsons Steam Turbines. { h.p + l.p (incorp. astern) }						
GEARING	Single Reduction.					PROPULSION MODE	Twin Screws.		
	SHP DESIGN RPM	48,000 350		DESIGN SPEED	36.5 KNOTS		CONDENSER COOLING SURFACE	16,000 SQ. FT.	
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum			Working Pressure & Temp 300 p.s.i. 650 °F			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface	Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total	no	: dia ft	inches : length ft	inches
	Boiler Tubes: Diameter		inches : length ft		inches				
Watertube Boilers	Total Heating Surface		31,700 Sq. Ft.		Combustion Space Volume	3180 cubic feet		Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 10.58 ft: pitch 13.58 ft: No. of blades 3 built: solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters :- (14.0 - 9.5) hollow inches									
Electric Generators: No. x type x K.W. each 2 x 200 Kw turbo 2 x 60 Kw diesel: Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 2492 Tons: Draught 11.83 ft.: Cb - 0.58 : Speed - 32.43 Knots									
S.H.P. 47259 R.P.M. 335.75 : & Temp. at Engine : Vacuum inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 453,197 Net Profit £ 24,711.									
CAREER									
Initial Trade:									
11 th Aug. 1942 - Rescued 48 officers and 438 ratings from aircraft carrier, torpedoed on Malta convoy.									
Feb 1943 - Saved 3 officers & 47 ratings from Canadian corvette 'Louisberg'.									
1942-5 - Employed on convoy and patrol duties in Mediterranean.									
Feb 1948 - Scrapped at Newport, Mon.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. T.L.C. 420 (lengthened) type		SHIP No 610	DELIVERY YEAR			
Scotts S & E Co Ltd CB.	Tank Landing Craft	SHIP OWNER	Admiralty J1136		ENGINE No 684	1942			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	175.15	31.15	8.8	3 3/4 / 7		305	250	350/640	-
SALE CAPACITY GROSS TONS	Cb	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
-	-	-	Steel		-	-		266	-
DATES	Order 4 Dec 1941		Keel Lay 12 Jan 1942		Launch 28 Apr 1942		Delivery 4 May 1942		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor -				
MACHINERY									
SUPPLIER	DAVEY PAXMAN		TYPE Diesel engines						
CYLINDERS: No. x DIAMETER 12 x 7 in				STROKE 7.75 in		PROPULSION MODE Twin Screw			
DESIGN B.H.P. & R.P.M. 460				DESIGN SPEED 10 1/2 KNOTS		ASPIRATION NATURAL GAS TURBO DIESEL SUPERCHARGE			
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 3.33 ft: pitch 1.67 ft: No. of blades 3 built: solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters :- 0, 3 3/4 . inches									
Electric Generators: No. x type x K.W. each 1 x 15 Kw. Voltage									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb - 0		Speed -		Knots	
B.H.P.		R.P.M.							
CONTRACT OUTCOME									
Invoice Price £ 30.942					Net Profit £ 2514.				
CAREER									
Initial Trade:									
Transferred to Italian Navy - 1945.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. SCYLLA. J 1102.		SHIP No	580		DELIVERY YEAR			
Scotts S & E Co. Ltd. CB.	Cruiser	SHIP OWNER	Admiralty.		ENGINE No	654		1942			
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	485.0	50.5	28.25	14.8		5393	2926	5770	-		
BALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts		
	0.54	Clincher.	Steel		-	-		-	-		
DATES	Order 24 Aug 1938			Keel Lay	19 Apr 1939	Launch 24 Jul 1940		Delivery 12 Jun 1942			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. Watson, wife of Adm. Watson.					
MACHINERY											
SUPPLIER	Scotts S & E Co., Ltd.		TYPE Parsons Steam Turbines. {h.p + l.p (incorp. astern) + cruising}								
GEARING	main hp & lp turbines - single reduction. cruising turbines - double reduction.						PROPULSION MODE		Four Screws		
	SHP DESIGN RPM		62000 350		DESIGN SPEED 33 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 22000 SQ. FT.				
No of Boilers: main	4 : aux 1		TYPE Admiralty Watertube - 3-drum				Working Pressure & Temp 400 p.s.i. 700 °F				
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches : length ft	inches
	Boiler Tubes: Diameter			inches : length ft		inches					
Watertube Boilers	Total Heating Surface			36120 - main. 2470 - aux. Sq. Ft.		Combustion Space Volume		3440 cubic feet 230		Fuel: Oil.	Natural Draught: Forced <input checked="" type="checkbox"/>
Propeller(s): No. 4 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 9.5 ft: pitch 12.0 ft: No. of blades 3 built solid <input checked="" type="checkbox"/> : material bronze											
Shafting: intermediate shaft, tail shaft diameters :- (12 $\frac{3}{8}$ - 8 $\frac{1}{4}$), (12 $\frac{1}{4}$ - 8 $\frac{1}{4}$) hollow. inches											
Electric Generators: No. x type x K.W. each 4 - 300 Kw. turbo Voltage 220 d.c.											
TRIAL INFORMATION											
Displacement 6042 Tons: Draught 15.4 ft.: Cb - 0.561 : Speed - 31.36 Knots											
S.H.P. 62403 R.P.M. 348.31 Steam Pressure: p.s.i. of : Vacuum inches Hg											
CONTRACT OUTCOME											
Invoice Price £ 1,084,624. Net Profit £ 111,382.											
CAREER											
Initial Trade:											
1942-4 : Took part in Russian convoys and landings in North Africa, Salerno and Normandy.											
24 June 1944 : Struck a mine off Normandy and under repair until the end of the war.											
May 1950 : Scrapped at T.W. Ward, Barrow.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. COWDRAY: J1116		SHIP No	587	DELIVERY YEAR				
Scotts S&E Co., Ltd. CB.	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	660	1942				
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	264.21	31.5	17.17	9.13		1240	558	1274	-		
BALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0.59	Clincher	Steel		-	-		-	-		
DATES	Order 9 Oct 1939		Keel Lay 30 Apr 1940		Launch 22 Jul 1941		Delivery 29 Jul 1942				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss P. Scott.						
MACHINERY											
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines. { h.p + l.p. (incorp. astern) }								
GEARING Single Reduction.						PROPULSION MODE Twin Screws.					
SHIP DESIGN RPM		19000 400		DESIGN SPEED 27.5 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 6880 SQ. FT.					
No of Boilers: main 2 : aux -		TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 300 p.s.i. 650°F					
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		inches : length ft	inches
	Boiler Tubes : Diameter			inches : length ft		inches					
Watertube Boilers	Total Heating Surface		11650 Sq. Ft.		Combustion Space Volume		cubic feet		Fuel : Oil	Draught : Natural Forced ✓	
Propeller(s) : No. 2 ✓ RH : Dia 8.25 ft : pitch 10.0 ft : No. of blades 3 built : solid ✓ : material bronze											
Shafting : intermediate shaft, tail shaft diameters :- (9.5 - 6) hollow. inches											
Electric Generators : No. x type x K.W. each 2 x 60 KW turbo 2 x 20 KW diesel Voltage 220 d.c.											
TRIAL INFORMATION											
Displacement 1317 Tons : Draught 9.3 ft. : Cb - 0.596 : Speed - 26.18 Knots											
S.H.P. R.P.M. 374.3 Steam Pressure p.s.i. of : & Temp. at Engine : Vacuum inches Hg											
CONTRACT OUTCOME											
Invoice Price £ 295,759 Net Profit £ 23,057											
CAREER											
Initial Trade :											
Nov. 1942 - Took part in North African landings and was bombed and damaged.											
Jan 1945 - Sank a midget U-boat off Belgian coast											
Jun 1945 - Sailed for the Far East.											
Sep 1959 - Scrapped at Gateshead.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. MILNE. J1113		SHIP No	583	DELIVERY YEAR		
Scotts S & E Co. Ltd. CB.	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	657	1942		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	345.5	36.75	20.5	12.33		2123	956	2630 full load	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.54	Clincher	Steel		-	-		-	-
DATES	Order 11 Jul 1939			Keel Lay 24 Jan 1940	Launch 30 Dec 1941		Delivery 6 Aug 1942		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Waters.				
MACHINERY									
SUPPLIER		TYPE							
Scotts S & E Co. Ltd.		Parsons Steam Turbines. { h.p. + l.p. (incorp. astern) }							
GEARING						PROPULSION MODE			
Single Reduction.						Twin Screws.			
SHP		DESIGN RPM		DESIGN SPEED		DESIGN VACUUM		CONDENSER COOLING SURFACE	
48 000		350		36.5 KNOTS		28 INCHES Hg		16100 SQ. FT.	
No of Boilers: main		2 : aux -		TYPE				Working Pressure & Temp	
				Admiralty Watertube 3-drum				300 p.s.i. 650 °F	
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Total Grate Area			
	ft			Sq. Ft.		Sq. Ft.			
	Steam Space Volume			Furnaces: total		no		dia ft inches : length ft inches	
Boiler Tubes: Diameter			inches : length		ft		inches		
Watertube Boilers	Total Heating Surface		31700 Sq. Ft.		Combustion Space Volume		3180 cubic feet		Fuel: Oil
Propeller(s): No.		2		RH		LH: Dia		10.58 ft : pitch 13.58 ft : No. of blades 3	
								built : solid	
								: material bronze	
Shafting: intermediate shaft, tail shaft diameters:- (14-9.5) hollow. inches									
Electric Generators: No. x type x K.W. each									
2 x 200 kw turbo : 2 x 60 kw diesel : Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft. : Cb - 0.		: Speed -		Knots	
S.H.P.	R.P.M.	Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 336,569					Net Profit £ 32,418				
CAREER									
Initial Trade: 1942 - Outfitting work completed by Brown, Clydebank.									
1942 - Took part in North African landings.									
1943 - Escorted 12 Russian convoys - Sank U 289.									
1944-5 - Mediterranean.									
1957-74 - In commission with the Turkish Navy. (Alp Arslan)									
1975 - Broken up, Seymen - Turkey.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. TROOPER. N.91.		SHIP N°	DELIVERY YEAR.	
Scotts & E Co Ltd. CB	Submarine	SHIP OWNER	Admiralty.		J 1108	ENGINE N° 663	1942
TECHNICAL INFORMATION.							
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.
	263.0	26.50	17.66 to Keel.	14.67	Surface	Submerged	Surface Submerged
Block Coefficient	Surface 0.		Submerged 0.		1327	1527	15.25 9.0
Dates.	Order: 9 Oct 1939		Keel Lay: 26 Mar 1940		Launch: 5 Mar 1942		Delivery: 29 Aug 1942
MAIN ENGINES. (Scotts)	(2) Engines, Admy design, 4 stroke single acting, 6 cylinders, 17½" bore 18" stroke, each developing 1250 bhp at 480 rpm.						
MAIN MOTORS	(2) Electric propulsion motors, each of 725 shp.						
BATTERIES.	3 batteries totalling 336 cells.						
PROPELLERS.	No. 2 ^{R.H.} _{L.H.} Dia. 5.33 ft. : Pitch 4.54 ft. No. of blades 3 : material - bronze						
SHAFTING.	All (6.25 - 3) inches diameter (hollow).						
TRIAL INFORMATION.							
Displacement.	Tons:		Draught.		ft :		Speed. - knots.
B.H.P.	R.P.M.						
CONTRACT: OUTCOME.							
Invoice Price. £ 349 364				Net Profit. £ 114,913.			
CAREER: - - - - - Launched by Mrs. Mathias.							
May 1941: Vessel slaved off building blocks & canted longitudinally and transversely and stern was damaged in German air raids on Greenock.							
July 1942: - With submarine 'Thunderbolt' carried out a human torpedo attack on shipping off Palermo.							
Italian cruiser Ulpio Traiano was sunk.							
July 1943: Sank Italian submarine Pietro Micco in Ionian Sea.							
17 October 1943: Lost whilst patrolling in the Eastern Mediterranean.							
(mined off Leros).							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. LOYAL: J 1110		SHIP No	579		DELIVERY YEAR
Scotts S & E Co. Ltd	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	653		1942
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	345.5	36.75	20.5	12.33		2123	956	2630 full load
BALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.54	Clincher	Steel		-	-	-	-
DATES	Order 12 Apr 1938		Keel Lay 23 Nov 1938		Launch 8 Sept 1941		Delivery 31 Oct 1942.	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Robins.			
MACHINERY								
SUPPLIER	Scotts S & E Co. Ltd		TYPE Parsons Steam Turbines. { h.p. + l.p. (incorp. astern) }					
GEARING	Single Reduction.					PROPULSION MODE Twin Screw.		
	SHIP DESIGN RPM		48000 350		DESIGN SPEED 36.5 KNOTS		CONDENSER COOLING SURFACE 16100 SQ. FT.	
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 300 p.s.i. 650 °F	
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft : inches : length ft. : inches
	Boiler Tubes: Diameter			inches : length ft		inches		
Watertube Boilers	Total Heating Surface		31700 Sq. Ft.		Combustion Space Volume		3180 cubic feet	Fuel: Oil
Propeller(s): No. 2		✓ RH ✓ LH: Dia 10.58 ft : pitch 13.58 ft		No. of blades 3		built: solid ✓		material bronze
Shafting: intermediate shaft, tail shaft diameters :- (14 - 9.5) hollow. inches								
Electric Generators: No. x type x K.W. each 2 x 200 kw turbo 2 x 60 kw diesel. Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement		Tons: Draught 11.88 ft. : Cb - 0		: Speed - 34.1 Knots				
S.H.P.	R.P.M. 349.0	Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg		
CONTRACT OUTCOME								
Invoice Price £ 452,269.				Net Profit £ 47,163.				
CAREER								
Initial Trade :-								
12 th March 1943 - Picked up 170 survivors when HMS Lightning was sunk by an E-boat.								
Spent most of the war in the Mediterranean and took part in the Salerno & Anzio landings.								
1948 - Scrapped at Milford Haven.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HM. S/M. SATYR. P.214	SHIP N° 590	DELIVERY YEAR. 1943
Scott's S&E. Co. Ltd. CB.	Submarine	SHIP OWNER	Admiralty J1117	ENGINE N° 664	

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT-Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		842	990	14.75	9.0
Dates.	Order: 8 Jan 1940		Keel Lay: 8 Jun 1940		Launch: 28 Sept 1942		Delivery: 8 Feb 1943	
MAIN ENGINES. (DAVEY PAXMAN)	(2) Engines, Admy. pattern, 4 stroke, single acting, 8 cylinders 14½" bore, 15½" stroke, each developing 950 bhp at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ^{RH.} / _{LH.} Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All (6.5 - 3) inches diameter (hollow.)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft:	Speed.	-	knots.
B.H.P.		R.P.M.				

CONTRACT OUTCOME.

Invoice Price. £ 291,247. Net Profit. £ 475 11.

CAREER. Launched by Mrs. Michell.

1943-4 - Patrols in Norwegian waters.

15 June '44 - Sank U 987.

20 Aug '44 - Badly damaged by depth charges.

Converted to fast target submarine and used for training purposes for the rest of the war.

1952-1961 - in service with the French Navy as 'Saphir'.

June 1962 - Scrapped - Charlestown.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	Originally HMS Marksman. J 1114.		SHIP No	DELIVERY YEAR	
Scotts S & E Co., Ltd.	Destroyer	Admiralty.	H.M.S. MAHRATTA.		584	1943	
		SHIP OWNER			ENGINE No		
					658		
CB. TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	
	345.5	36.75	20.5	12.33		2123	
						956	
						2630 Full load	
BALE CAPACITY cubic feet	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.54	Clincher	Steel	-	-	-	-
DATES	Order 11 Jul 1939		Keel Lay 24 Jan 1940	Launch 28 Jul 1942		Delivery 8 Apr 1943	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor Mrs. Hammick.			
MACHINERY							
SUPPLIER	Scotts S & E Co., Ltd.		TYPE Parsons Steam Turbines. {h.p.+l.p.(incorp. astern.)}				
GEARING	Single Reduction.				PROPULSION MODE	Twin Screw.	
	SHP DESIGN RPM	48,000 350		DESIGN SPEED	36.5 KNOTS		
				DESIGN VACUUM	28 INCHES Hg		
No of Boilers: main 2 : aux	TYPE Admiralty Watertube 3-drum			Working Pressure & Temp 300 p.s.i. 650 °F			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface	Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no	: dia ft : inches : length ft : inches	
	Boiler Tubes: Diameter		inches : length ft		inches		
Watertube Boilers	Total Heating Surface	31700 Sq. Ft.		Combustion Space Volume	3180 cubic feet		
				Fuel: Oil.	Draught: Natural Forced ✓		
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 10.58 ft: pitch 13.58 ft: No. of blades 3 built: solid ✓ : material bronze							
Shafting: intermediate shaft, tail shaft diameters :- (14 - 9.5) hollow. inches							
Electric Generators: No. x type x K.W. each 2 x 200 Kw turbo 2 x 60 Kw diesel Voltage 220 d.c.							
TRIAL INFORMATION							
Displacement		Tons: Draught		ft.: Cb - 0.		: Speed - 33.54 Knots.	
S.H.P.	R.P.M.	Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 454,813.			Net Profit £ 32,258.				
CAREER							
Initial Trade: Long period between keel lay date and launch was due to ship being badly damaged on berth during May 1941 German air raids on Greenock. (Ship was blasted off keel blocks)							
1943/4 - Russian convoy service.							
Torpedoed 25 th February 1944 in Barents Sea by U.990.							
Only a handful of men survived.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HMS. ROEBUCK. J 1121		SHIP No	594	DELIVERY YEAR		
Scott's S & E Co., Ltd	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	668	1943		
<div>CB</div> <div>TECHNICAL INFORMATION</div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	339.9	35.67	20.5	11.75				2320 full load	-
BALE CAPACITY cubic feet	G ₆	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.57	clinchier	steel		-	-		-	-
DATES	Order 3 Apr. 1940		Keel Lay 19 Jun 1941		Launch 10 Dec 1942		Delivery 10 Jun 1943		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Greig (wife of paymaster)				
MACHINERY									
SUPPLIER	Scott's S & E Co. Ltd		TYPE Parsons Steam Turbines. {h.p.+l.p.(incorp. astern) T.T.						
GEARING Single Reduction.						PROPULSION MODE Twin Screw.			
SHP DESIGN RPM		40.000 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.			
DESIGN VACUUM		28 INCHES Hg		Working Pressure & Temp 300 p.s.i. 650 °F					
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum						
Cylindrical Boilers	Dimensions D x L			Total Heating Surface			Total Grate Area		
	ft			Sq. Ft.			Sq. Ft.		
	Steam Space Volume cubic feet			Furnaces: total no			: dia ft : inches : length ft : inches		
Boiler Tubes: Diameter			inches : length ft			inches			
Watertube Boilers	Total Heating Surface 27556 Sq. Ft.			Combustion Space Volume cubic feet			Fuel: Oil		Natural Draught: Forced ✓
Propeller(s): No. 2 ^{✓RH} LH: Dia 10.5 ft: pitch 13.58 ft: No. of blades 3 ^{built solid ✓} : material bronze									
Shafting: intermediate shaft, tail shaft diameters:- (13-8.5) hollow inches									
Electric Generators: No. x type x K.W. each ^{2: 155 kw turbo} ^{2: 50 kw diesel} ^{1: 10 kw diesel} Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb - 0.		: Speed - 32.12 Knots			
S.H.P.	R.P.M.	Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 297883					Net Profit £ 35,718 .				
CAREER									
Initial Trade:									
Jan/June 1943 - fitting out completed by Brown, Clydebank									
Aug 1943 - joined the Eastern fleet and served in the East throughout the war taking part in many patrols and bombardments of enemy coasts.									
Aug. 1969 - Scrapped at T.W. Ward, Inverkeithing.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. SEA ROVER. P. 218			SHIP No 592	DELIVERY YEAR. 1943	
Scotts S & Co Ltd CB	Submarine	SHIP OWNER	Admiralty. J 1119			ENGINE No 666		
TECHNICAL INFORMATION.								
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface. 0.		Submerged 0.		842	990	14.75	9.0
Dates.	Order: 11 Apr. 1940		Keel Lay: 14 Jan 1941		Launch: 25 Feb 1943		Delivery: 22 Jul 1943	
MAIN ENGINES. (DAVEY PAXMAN)	(2) Engines, Admy. pattern, 4 stroke, single acting, 8 cylinders, 14½" bore, 15½" stroke, each developing 950 bhp. at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓RH. Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All (6.5 - 3) inches diameter (hollow)							
TRIAL INFORMATION.								
Displacement.	Tons :		Draught.		ft :		Speed. - knots.	
B.H.P.	R.P.M.							
CONTRACT OUTCOME.								
Invoice Price. £ 291745				Net Profit. £ 71467.				
CAREER.	Launched by Mrs. Wood, wife of R.K. Wood, RCNC. (Outfitting completed by Vickers, Barrow.)							
First Patrol - to Norway - second - passage to Gibraltar.								
There followed seven patrols in the Far East - Five ex Trincomalee.								
- Two ex Fremantle.								
Ex Trincomalee - Gunfire & torpedo attacks on coastal shipping in Malacca straits, Penang, Burma coast.								
Ex Fremantle - Flores Sea, Pulo Salaya, Java Sea, Macassar Straits.								
October 1949 - Broken up at Faslane.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. ROCKET. J 1120.		SHIP No	593		DELIVERY YEAR
Scotts S & E Co., Ltd CB	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	667		1943
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	339.5	35.67	20.5	11.75		-	-	2320 full load
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
-	0.57	Clincher	Steel.		-	-		-
DATES	Order 3 Apr 1940		Keel Lay	14 Mar. 1941		Launch 28 Oct 1942		Delivery 5 Aug 1943
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Bradley.			
MACHINERY								
SUPPLIER	Scotts S & E Co., Ltd		TYPE Parsons Steam Turbines. {h.p.+l.p.(Incorp.astern)}					
GEARING Single Reduction.						PROPULSION MODE Twin Screws		
SHIP DESIGN RPM		40,000		DESIGN SPEED		34 KNOTS		
		350		DESIGN VACUUM		28 INCHES Hg		
No of Boilers: main 2 : aux -		TYPE Admiralty Watertube 3-drum.				Working Pressure & Temp 300 p.s.i. 650 °F		
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia - ft inches : length ft. inches
	Boiler Tubes: Diameter			inches : length ft.		inches		
Watertube Boilers	Total Heating Surface		27556 Sq. Ft.		Combustion Space Volume		cubic feet	Fuel: Oil Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 2 ^{✓ RH} _{✓ LH} : Dia 10.5 ft: pitch 13.58 ft: No. of blades 3 built: solid <input checked="" type="checkbox"/> : material bronze								
Shafting: intermediate shaft, tail shaft diameters:- (13-8.5) hollow inches								
Electric Generators: No. x type x K.W. each 2: 155 kw turbo 2: 50 kw diesel 1: 10 kw diesel Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement 2154 Tons: Draught 11.38 ft.: Cb - 0.547 : Speed - 32.35 Knots								
S.H.P. - R.P.M. 322.7 Steam Pressure p.s.i. of : Vacuum inches Hg								
CONTRACT OUTCOME								
Invoice Price £ 478187 Net Profit £ 26,692.								
CAREER								
Initial Trade:								
Jan. 1944 - Sept 1945 - Joined & served with Eastern fleet.								
Sept 1945 - Present at Japanese surrender at Sabang.								
Converted post war to 'fast frigate'!								
Mar 1947 - Scrapped at Arnott Young, Dalmuir								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. ROYALIST. J1103		SHIP No	DELIVERY YEAR				
Scott's S & E Co. Ltd. CB	Cruiser	SHIP OWNER	Admiralty		ENGINE No 661	1943				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	485.0	50.5	28.25	14.8		5393	2926	5770	-	
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.54	Clincher	Steel.		-	-		-	-	
DATES	Order 9 Oct 1939		Keel Lay	21 Mar 1940		Launch 30 May 1942		Delivery 10 Sept 1943		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			Mrs. Warren. wife of Adml. Warren.		
MACHINERY										
SUPPLIER		TYPE								
Scott's S & E Co. Ltd.		Parsons Steam Turbines. {h.p. + l.p. (incorp astern) + cruising}								
GEARING		main h.p. & l.p. turbines - single reduction. cruising turbines - double reduction.				PROPULSION MODE		Four Screws		
SHIP DESIGN RPM		62,000 350		DESIGN SPEED 33 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 22,000 SQ. FT.				
No of Boilers: main 4 : aux 1		TYPE Admiralty 3-drum.				Working Pressure & Temp 400 p.s.i. 700 °F				
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		inches : length ft	inches
	Boiler Tubes: Diameter		inches : length ft		inches					
Watertube Boilers	Total Heating Surface		36120 - main 2470 - aux Sq. Ft.		Combustion Space 3440 cubic feet Volumes.		Fuel Oil		Natural Draught: Forced ✓	
Propeller(s): No. 4		✓ RH ✓ LH: Dia 9.5 ft: pitch 12.0 ft: No. of blades 3		built: solid ✓		: material bronze.				
Shafting: intermediate shaft, tail shaft diameters: - (12 $\frac{3}{8}$ - 8 $\frac{1}{4}$), (12 $\frac{1}{2}$ - 8 $\frac{1}{4}$) hollow. inches										
Electric Generators: No. x type x K.W. each 4-300 kw turbo. Voltage 220 d.c.										
TRIAL INFORMATION										
Displacement		6713 Tons: Draught		16.75 ft: Cb - 0.573		: Speed - 30.78 Knots				
S.H.P. 60454 R.P.M. 339.25		Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg				
CONTRACT OUTCOME										
Invoice Price £ 1,192,988		Net Profit £ 74,559.								
CAREER April 1944: Took part in attack on Tirpitz:										
Initial Trade: July 1944: Flagship of Escort Carriers - Mediterranean.										
Aug 1944: Took part in South of France landings.										
Sept 1944: with 'Teazer', sank two blockade runners - Suda Bay.										
Feb 1945: Took part in amphibious landing on Rangoon.										
9 Sept 1945: Present at Singapore for Japanese surrender.										
Transferred to the Royal New Zealand Navy.										
Jan 1968 - Scrapped - Japan.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	HM. S/M. SIRDAR. P 226	SHIP No 598	DELIVERY YEAR.
Scotts S & E. Co. Ltd CB	Submarine	SHIP OWNER	Admiralty J 1124	ENGINE No 72	1943

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT • Tons.		MAX. SPEED.	
	185.0	23.65	16.8	14.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		842	990	14.75	9.0
Dates.	Order: 2 Sept 1940		Keel Lay: 24 Apr 1941		Launch: 26 Mar 1943		Delivery: 27 Sept 1943	
MAIN ENGINES. (DAVEY-PAXMAN)	(2) Engines, Admy. pattern, 4 stroke, single acting, 8 cylinders, 14½" bore, 15½" stroke, each developing 950 bhp at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓ ^{R.H.} ✓ ^{L.H.} Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze							
SHAFTING.	All (6.5 - 3.0) inches diameter. (hollow)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft:	Speed. -	knots.
B.H.P.	R.P.M.				

CONTRACT OUTCOME.

Invoice Price. £ 192,341.	Net Profit. £ 6886.
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CAREER.	Launched by Mrs. Kirk.
	(Outfitting completed by Vickers Barrow)

Apart from her first two patrols to Norway & to Gibraltar	
Sirdar spent the remainder of WW2 in the Far East.	
at Trincomalee, and later at Fremantle, carrying out six patrols.	
(28 th May to 18 th September 1944 ex Trincomalee, 4 patrols)	
and (7 th October 1944 to 12 th March 1945 ex Fremantle, 2 patrols)	
Mainly attacks on coastal shipping by torpedo & gunfire,	
(see Sea Rover history)	

31 st May 1965 - arrived for breaking up at P & W McLellan, Boness.	
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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S/M SPITEFUL P 227	SHIP No 599	DELIVERY YEAR. 1943
Scotts S & E. Co. Ltd CB	Submarine	SHIP OWNER	Admiralty. J 1125	ENGINE No 673	

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT·Tons		MAX. ... SPEED.	
	185·0	23·65	16·8	14·67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0·		Submerged 0·		842	990	14·75	9·0
Dates.	Order: 2 Sept 1940		Keel Lay: 19 Sept 1941		Launch: 5 Jun 1943		Delivery: 6 Oct 1943	
MAIN ENGINES. (SCOTT'S)	(2) Engines, Admy. pattern, 4 stroke single acting, 8 cylinders 14½" bore 15½" stroke, each developing 950 bhp at 460 v.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2. ^{R.H.} _{L.H.} Dia. 5·5 ft. : Pitch 3·83 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All (6½ - 3) inches diameter (hollow).							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft :	Speed. -	knots.
B.H.P.	R.P.M.				

CONTRACT OUTCOME.

Invoice Price. £ 203,928	Net Profit. £ 11934.
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CAREER.	Launched by Mrs. Wilson, wife of Cdr. Wilson.
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March 1944 - Transferred to Eastern Fleet.
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Bombarded installations in the Andaman Is. & Christmas Island.

Undertook the 3 longest patrols by any 'S' class submarine. - 34, 38 & 37 days.*

June 1945 - Returned to U.K.

1952 - 1958 - Served with the French Navy.
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15 July 1963 - Arrived Faslane to be broken up.

* - Sindar did 49 days.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. STRONGBOW. P235	SHIP No 607	DELIVERY YEAR.
Scott's S&E Co. Ltd CB	Submarine	SHIP OWNER	Admiralty. J1133	ENGINE No 681	1943

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		842	990	14.75	9.0
Dates.	Order: 15 Jul 1941		Keel Lay: 27 Mar 1942		Launch: 30 Aug 1943		Delivery: 23 Dec 1943	
MAIN ENGINES. (Scott's)	(2) Engines, Admy. pattern, 4 stroke, single acting, 8 cylinders, 14½" bore 15½" stroke, each developing 950 shp. at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All (6½ - 3) inches hollow.							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft:	Speed.	-	knots.
B.H.P.	R.P.M.					

CONTRACT OUTCOME.

Invoice Price. £ 217935	Net Profit. £ 12792
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CAREER	Launched by Mrs. J.A. Pearson.
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June 1944 - Proceeded to the Far East & operated out of Trincomalee for the remainder of the war.

January 1945 - patrol report describing a depth charge attack on 'Strongbow' and testifying to the strength of the hull. (Off Selangor)

" One vessel passed right overhead and dropped a stick of three. These were very close and considerable damage was caused. All lights in the after ends went out and many elsewhere. The Sperry went off the board for the third & last time. The magnetic compass became obscure and the steering became erratic. The Asdic set blew up with a most spectacular flash. The after planes jumped 12 degrees out of line. The forward D.S.E.A & Engine Room hatches lifted and fortunately sealed again quite happily. A heavy H.P. air leak developed behind the chart table and there were several big telemotor leaks and last but not least we lost trim. An interesting phenomenon was that of a cup and saucer on the wardroom table, these jumped about eight inches into the air, the saucer then disintegrated in mid air, and the cup fell down again quite intact." 694
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'Strongbow' arrived April 1946 at W.H. Ward. Preston for breaking up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. SERAPIS. J. 1126		SHIP No	600		DELIVERY YEAR
Scotts S&E Co. Ltd	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	674		1943.
CB TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	339.5	35.67	20.5	11.75		-	-	2520 full load
BALE CAPACITY cubic feet	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
-	0.57	Clincher	Steel		-	-		-
DATES	Order 9 Jan 1941		Keel Lay 14 Aug 1941		Launch 25 Mar 1943		Delivery 23 Dec 1943	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. K. Gvieg.			
MACHINERY								
SUPPLIER	Scotts S&E Co. Ltd		TYPE Parsons Steam Turbines. {h.p. + l.p. (incorp. astern)}					
GEARING	Single Reduction.					PROPULSION MODE		
						Twin Screw.		
SHP DESIGN RPM	40,000 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.			
			DESIGN VACUUM 28 INCHES Hg					
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum			Working Pressure & Temp 300 p.s.i. 650 °F		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no.		: dia ft inches : length ft inches	
	Boiler Tubes: Diameter		inches : length ft		inches			
Watertube Boilers	Total Heating Surface		27556 Sq. Ft.		Combustion Space Volume		cubic feet	
					Fuel: Oil		Draught: Natural Forced ✓	
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 10.5 ft: pitch 13.58 ft: No. of blades 3 built: solid ✓ : material bronze.								
Shafting: intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow inches								
Electric Generators: No. x type x K.W. each 2 x 155 kw turbo 2 x 50 kw diesel 1 x 10 kw diesel Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement 2020 Tons: Draught 10.96 ft.: Cb - 0.533 : Speed - 32.81 Knots								
S.H.P. R.P.M. 325.1 Steam Pressure : & Temp. at Engine p.s.i. of : Vacuum inches Hg								
CONTRACT OUTCOME								
Invoice Price £459086 Net Profit £25746.								
CAREER								
Initial Trade:								
Feb./Mar. 1944 - Russian convoy duty.								
June 1944 - Normandy beaches.								
Oct./Dec. 1944 - Air mine laying operations off Norway.								
Feb 1945 - Russian convoy duty.								
Aug 1945 - Sold to Holland - renamed 'Piet Hein'								
Apr 1962 - Sold to Van Heygen, Ghent for scrapping.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.N.M.S. SVENNER ^{originally HMS Shark J 1127}		SHIP No	601		DELIVERY YEAR
Scotts S & E Co. Ltd. CB	Destroyer	SHIP OWNER	Royal Norwegian Navy		ENGINE No	675		1944.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	339.5	35.67	20.5	11.75				2320 full load
BALE CAPACITY cubic feet	G ₀	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
-	0.57	Clincher	Steel		-	-		-
DATES	Order 9 Jan 1941		Keel Lay 5 Nov. 1941		Launch 1 Jun 1943		Delivery 18 Mar 1944.	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Douglas.			
MACHINERY								
SUPPLIER	Scotts S & E Co., Ltd.		TYPE Parsons Steam Turbines {h.p. + l.p. (incorp. astern)}					
GEARING	Single Reduction.					PROPULSION MODE		Twin Screws.
	SHP DESIGN RPM	40 000 350		DESIGN SPEED	34 KNOTS 28 INCHES Hg		CONDENSER COOLING SURFACE 13800 SQ. FT.	
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 300 p.s.i. 650°F	
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Total Grate Area		
	ft			Sq. Ft.		Sq. Ft.		
	Steam Space Volume cubic feet			Furnaces: total no		: dia ft		inches : length ft inches
	Boiler Tubes: Diameter			inches : length		ft		inches
Watertube Boilers	Total Heating Surface		27.556 Sq. Ft.		Combustion Space Volume		cubic feet	Fuel Oil
Propeller(s): No. 2		RH LH: Dia 10.5 ft		pitch 13.58 ft		No. of blades 3		built solid ✓ : material bronze.
Shafting: intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow. inches								
Electric Generators: No. x type x K.W. each				2. 155 kw turbo. 3. 50 kw diesel. 1. 10 kw diesel.		Voltage 220 d.c.		
TRIAL INFORMATION								
Displacement		2170 Tons		Draught 11.46 ft		Cb - 0.547		Speed - 32.22 Knots
S.H.P.	R.P.M. 318.6		Steam Pressure : & Temp. at Engine		p.s.i. of		Vacuum inches Hg	
CONTRACT OUTCOME								
Invoice Price £ 438,757				Net Profit £ 25845.				
CAREER								
Initial Trade:								
Torpedoed and sunk - Normandy, 6 th June 1944.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. LAPWING. J 1131		SHIP No 605	DELIVERY YEAR				
Scotts S & E Co. Ltd. CB	Sloop	SHIP OWNER	Admiralty. Completed by Stephens.		ENGINE No 679	1944				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	283.0	38.5	17.53	8.75				1350	-	
SALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		HYDRO- STEEL WEIGHT - TONS	No. of Masts	
-	0.53	Clincher	Steel		-	-		-	-	
DATES	Order 27 Mar 1941		Keel Lay 17 Dec. 1941		Launch 16 Jul 1943		Delivery 21 Mar 1944.			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Eveleigh					
MACHINERY										
SUPPLIER Yarrow		TYPE Parsons Steam Turbines {h.p.+l.p.(incorp. astern.) }								
GEARING Single Reduction.						PROPULSION MODE Twin Screw.				
SHP 4300 DESIGN RPM 300		DESIGN SPEED 20 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 3220 SQ. FT.						
No of Boilers: main 2 : aux -		TYPE Admiralty 3 drum watertube.				Working Pressure & Temp 250 p.s.i. 100°F Supt.				
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft		inches: length ft	inches
	Boiler Tubes: Diameter		5.5 inches: length		ft		inches			
Watertube Boilers	Total Heating Surface		5280 Sq. Ft.		Combustion Space Volume.		565 cubic feet		Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 7.5 ft: pitch 8.5 ft: No. of blades 3 built : solid ✓ : material bronze										
Shafting: intermediate shaft, tail shaft diameters :- (8.0 - 5.25), (8.08 - 5.25) hollow. inches										
Electric Generators: No. x type x K.W. each 2 x 70 kW turbo. 1 x 50 kW diesel. Voltage 220 d.c.										
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: C _b - 0		: Speed -		Knots		
S.H.P.		R.P.M.		Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg		
CONTRACT OUTCOME										
Invoice Price - £ 220,622					Net Profit £ 10,335.					
CAREER										
Initial Trade:										
June 1944 - At Normandy landings.										
Nov 1944 - Mar 1945 - Russian Convoys.										
20 th Mar 1945 - Torpedoed by U.716 on Russian convoy duty.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S LARK.		J1132	SHIP No 606	DELIVERY YEAR
Scotts S & E Co. Ltd. CB	Sloop.	SHIP OWNER	Admiralty			ENGINE No 680	1944
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	283.0	38.5	17.53	8.75			
							Displacement 1350
							Deadweight -
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.53	Clincher	Steel	-	-	-	-
DATES	Order 27 Mar 1941		Keel Lay 5 May 1942.		Launch 28 Aug 1943	Delivery 10 Apr 1944	
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs Phillips.		
MACHINERY							
SUPPLIER Yarrow		TYPE Parsons Steam Turbines. {h.p. + l.p. (incorp. astern)}					
GEARING Single Reduction.					PROPULSION MODE Twin Screw.		
SHP 4300 DESIGN RPM 300		DESIGN SPEED 20 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 3220 SQ. FT.			
No of Boilers: main 2 : aux -		TYPE Admiralty 3-drum water tube				Working Pressure & Temp 250 p.s.i. 100°F	
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches : length ft inches
	Boiler Tubes: Diameter		inches : length ft		inches		
Watertube Boilers	Total Heating Surface		5280 Sq. Ft.		Combustion Space Volume.		565 cubic feet
Propeller(s): No. 2		RH LH: Dia 7.5 ft: pitch 8.5 ft: No. of blades 3		built solid		material bronze.	
Shafting: intermediate shaft, tail shaft diameters :- (8.0 - 5.25), (8.08 - 5.25) hollow inches							
Electric Generators: No. x type x K.W. each 2 = 70 KW turbo 1 = 50 KW diesel Voltage 220 d.c.							
TRIAL INFORMATION							
Displacement 1680		Tons: Draught 10.25 ft: Cb - 0.527		Speed - 19.4 Knots			
S.H.P. 4300 R.P.M. 294.15		Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 284 561				Net Profit £ 15808.			
CAREER							
Initial Trade:							
1944-5 : Russian convoy duties. Sank U 425. 16 February 1945							
17 February 1945 : Torpedoed by a submarine off Kola whilst on convoy duty and was towed into Kola and gifted to Russia as scrap. Became 'Neptun'.							
1955 : Scrapped.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S/M. SPARK. P236.		SHIP NO	DELIVERY YEAR.	
SCOTT'S 58 E. CO. LTD. CB	Submarine	SHIP OWNER	Admiralty		J1134	ENGINE NO 682	1944
TECHNICAL INFORMATION.							
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.
	185.0	23.65	16.8	14.67	Surface	Submerged	Surface Submerged
Block Coefficient	Surface 0.		Submerged 0.		842	990	14.75 9.0
Dates.	Order: 15 Jul 1941		Keel Lay: 10 Oct 1942		Launch: 28 Dec 1943		Delivery: 28 Apr 1944.
MAIN ENGINES. (SCOTT'S)	(2) Engines, Admy. pattern, 4 stroke, single acting, 8 cylinders 14½" bore, 15½" stroke, each developing 950 shp. at 460 v.p.m.						
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.						
BATTERIES.	2 batteries totalling 224 cells:						
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze.						
SHAFTING.	All (6.5 - 3) inches diameter (hollow)						
TRIAL INFORMATION.							
Displacement.	Tons:		Draught.		ft :		Speed. - knots.
B.H.P.	R.P.M.						
CONTRACT OUTCOME.							
Invoice Price. £ 213,246				Net Profit . £ 12912			
CAREER.	Launched by Mrs. Brown, wife of Ronal Brown, M.C. Engineering Manager.						
21 st October 1944 - Arrived in Trincomalee to join Eastern Fleet.							
December 1944 - Transferred to 8 th Submarine Flotilla.							
1 st February 1945 - Sank by gunfire a 500 ton coaster towing a lighter, also a small tug and another vessel of 1100 tons was forced ashore on Panjang Island.							
Later on same day a 500 ton coaster was driven ashore.							
8 th February 1945 - Attacked by enemy destroyer which dropped 16 depth charges without damage.							
Between 14 March : Sank two 600 ton coasters and cooperated with U.S. submarines and 14 April 1945 in an attempt to attack a Japanese cruiser of the 'Natori' class.							
October 1945 : returned to U.K.							
28 October 1949 : To Faslane for breaking up.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. CAMBRIAN. J. 1140		SHIP No	614	DELIVERY YEAR		
Scotts' S & E Co., Ltd. CB	Destroyer	SHIP OWNER	Admiralty		ENGINE No	688	1944.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	339.5	35.67	20.5	11.75		-	-	2320 full load	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.57	Clincher	Steel		-	-		-	-
DATES	Order 24 Mar 1942		Keel Lay 14 Aug 1942		Launch 10 Dec 1943		Delivery 17 Jul 1944.		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Woolcombe.				
MACHINERY									
SUPPLIER		TYPE							
Scotts S & E Co. Ltd.		Parsons Steam Turbines {h.p. + l.p. (incorp. astern)}							
GEARING						PROPULSION MODE			
Single Reduction.						Twin Screws.			
SHP DESIGN RPM		40,000 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.			
				DESIGN VACUUM 28 INCHES Hg					
No of Boilers: main 2 : aux -		TYPE Admiralty Watertube 3-drum						Working Pressure & Temp 300 p.s.i. 650 °F	
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft : inches : length ft : inches	
	Boiler Tubes: Diameter			inches : length ft		inches			
Watertube Boilers		Total Heating Surface		27556 Sq. Ft.		Combustion Space Volume		cubic feet	
						Fuel: Oil		Draught: Natural Forced ✓	
Propeller(s): No. 2 ✓ RH ✓ LH: Dia 10.5 ft: pitch 13.58 ft: No. of blades 3 built: solid ✓ : material bronze									
Shafting: intermediate shaft, tail shaft diameters:- (13 - 8.5) hollow inches									
Electric Generators: No. x type x K.W. each 2 - 155 kw turbo 3 - 50 kw diesel 1 - 10 kw diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft.: Cb - 0.		: Speed - 33.03 Knots -			
S.H.P.	R.P.M.	Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 213,368					Net Profit £ 12,189.				
CAREER									
Initial Trade:									
December 1944 - Russian Convoy duty.									
August 1945 - Sailed for the Far East.									
September 1971 - Scrapped at Briton Ferry.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. SCYTHIAN. P.237	SHIP N ^o 609	DELIVERY YEAR.
Scott's S & E Co. Ltd. CB.	Submarine	SHIP OWNER	Admiralty. M J 1135	ENGINE N ^o 683	1944.

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT-Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.67	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		842	990	14.75	9.0
Dates.	Order: 15 Jul 1941		Keel Lay: 21 Feb 1943		Launch: 14 Apr 1944		Delivery: 11 Aug 1944.	
MAIN ENGINES. (DAVEY PAXMAN)	(2) Engines, Admy pattern, 4 stroke, single acting, 8 cylinders 14½" bore, 15½" stroke, each developing 950 bhp at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 shp.							
BATTERIES.								
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All (6.5 - 3) inches diameter (hollow)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft:	Speed.	-	knots.
B.H.P.		R.P.M.				

CONTRACT OUTCOME

Invoice Price. £ 217,318	Net Profit. £ 12904.
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CAREER: Launched by Mrs. A. Alexander.

December 1944. - Allocated to East Indies based on Trincomalee.

24 Feb to 20 Mar. - Engaged on patrol & air sea rescue work but found
- 1945 time to sink eight 25 ton junks.

11 May 1945 - Sank a 100 ton coaster by gunfire near Aroa Island and later sank two enemy landing craft carrying troops in the same area.

October 1945 - Returned to U.K.

August 1960 - Broken up at Metal Industries, Charlestown.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. CARRON. J. 1141.		SHIP No	615	DELIVERY YEAR		
Scotts S & E Co. Ltd.	Destroyer	SHIP OWNER	Admiralty		ENGINE No	689	1944.		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	339.5	35.67	20.5	11.75				2320 full load	-
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.57	Clincher	Steel		-	-		-	-
DATES	Order 24 Mar 1942		Keel Lay 26 Nov 1942		Launch 28 Mar 1944		Delivery 6 Nov 1944		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs Kincaid				
MACHINERY									
SUPPLIER	Scotts S & E Co. Ltd.		TYPE Parsons Steam Turbines { h.p. + l.p. (incorp astern) }						
GEARING Single Reduction						PROPULSION MODE Twin Screws			
SHP DESIGN RPM		40,000 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.			
DESIGN VACUUM		28 INCHES Hg							
No of Boilers: main	2 : aux -		TYPE Admiralty Watertube 3-drum.				Working Pressure & Temp 300 p.s.i. 650 °F		
Cylindrical Boilers	Dimensions D x L ft			Total Heating Surface Sq. Ft.			Total Grate Area Sq. Ft.		
	Steam Space Volume cubic feet			Furnaces : total no : dia ft inches : length ft inches					
	Boiler Tubes : Diameter inches : length ft inches								
Watertube Boilers	Total Heating Surface 27556 Sq. Ft.		Combustion Space Volume cubic feet		Fuel : Oil		Draught : Natural * Forced <input checked="" type="checkbox"/>		
Propeller(s) : No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH : Dia 10.5 ft : pitch 13.58 ft : No. of blades 3 built : solid <input checked="" type="checkbox"/> : material bronze									
Shafting : intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow inches									
Electric Generators : No. x type x K.W. each 2 : 155 kW turbo 3 : 50 kW diesel 1 : 10 kW diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 2196 Tons : Draught 11.42 ft. : Cb - 0.556 : Speed - 32.04 Knots									
S.H.P. - R.P.M. 321.3 Steam Pressure : & Temp. at Engine p.s.i. of : Vacuum inches Hg									
CONTRACT OUTCOME									
Invoice Price £ 475 686 Net Profit £ 28.701									
CAREER									
Initial Trade :									
January 1945 - Together with HMS. Apollo & Zealous took part in mine laying operations off Norway.									
At end of hostilities proceeded to Singapore.									
April 1967 - Scrapped at Inverkeithing.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. SCOTSMAN	P 243	SHIP N°	DELIVERY YEAR.
Scotts S & E Co. Ltd. CB.	Submarine	SHIP OWNER	Admiralty	J 1138	612 ENGINE N° 686	1944.

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED. . .	
	185.0	23.65	16.8	14.08	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		814	990	14.75	9.0
Dates .	Order: 20 Dec. 1941		Keel Lay: 16 Apr 1943		Launch: 18 Aug 1944		Delivery: 9 Dec 1944.	
MAIN ENGINES. (SCOTT'S)	(2) Engines, Admy. pattern, 4 stroke, single acting, 8 cylinders, 14½" bore, 15½" stroke, each developing 950 bhp. at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ^{RH.} _{LH.} Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze.							
SHAFTING.	All (6.5 - 3) inches diameter (hollow)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft:	Speed.	-	-	-	knots.
B.H.P.	R.P.M.							

CONTRACT OUTCOME.

Invoice Price.	£ 218,731	Net Profit.	£ 14430
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CAREER.	Launched by Miss Rachel Scott Phillips
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Allocated to 8th Submarine Flotilla of British Pacific Fleet
and arrived Trincomalee July 1945

30th August 1945 - Present at entry of British forces
into Hong Kong.

December 1945 - Returned to U.K.

19th November 1964 - Arrived Troon for breaking up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. SEA DEVIL P.244	SHIP No 613	DELIVERY YEAR.
Scotts S & E Co. Ltd. CB.	Submarine	SHIP OWNER	Admiralty J 1139	ENGINE No 687	1945.

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.08	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		814	990	14.75	9.0
Dates.	Order: 20 Dec 1941		Keel Lay: 5 May 1943		Launch: 30 Jan 1945		Delivery: 12 May 1945	
MAIN ENGINES. (SCOTT'S)	(2) Engines, Admy. pattern, 4 stroke single acting, 8 cylinders. 14½" bore, 15½" stroke, each developing 950 bhp at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓ ^{RH.} ✓ ^{LH.} Dia. 5.5 ft. : Pitch 3.83 ft. No of blades. 3 : material - bronze.							
SHAFTING.	All (6.5-3) inches diameter. (hollow).							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft :	Speed. -	knots.
B.H.P.	R.P.M.				

CONTRACT OUTCOME.

Invoice Price. £ 179,928

Net Profit. £ 12713.

CAREER. Launched by Mrs. Hugill, wife of Adml. Hugill.

5th August 1945 - sailed for British Pacific Fleet.

15th August 1945 - arrived Malta where she remained until after the end of the war.

6th September 1945 - returned to the U.K.

February 1966 - Scrapped at Newhaven.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	Transport Ferry TF43 (LCT 3043)		SHIP No	634	DELIVERY YEAR		
Scott's S & E Co Ltd CB.	Transport Ferry.	SHIP OWNER	Admiralty J 11060		ENGINE No	711			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	330.0	54.1	26.4	4.5/11.5		4157	2430	4980 full load	-
RAIL CAPACITY (wheeled)	C _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
-	0.85	Clincher.	Steel.		-	-	-	-	
DATES	Order Feb 1944		Keel Lay 14 Sept 1944		Launch 27 Apr 1945		Delivery 14 Aug 1945.		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor -				
MACHINERY									
SUPPLIER A.F. Craig - engines Intl. Combustion - boilers					TYPE Steam Triple Expansion				
CYLINDER DIAMETERS - 18.5 31 2x38.5 INCHES					STROKE 2.5 FT.	PROPULSION MODE Twin Screw.			
N.H.P. -	I.H.P. 5500 DESIGN RPM 185		DESIGN SPEED 13 KNOTS		CONDENSER COOLING SURFACE 6600 SQ. FT.				
EXPANSION RATIO -	RATIO $\frac{\text{Air Pump Capacity}}{\text{L.P. Cylinder Volume}}$ -		RATIO $\frac{\text{S.W. Circ. Pump Capacity}}{\text{L.P. Cylinder Volume}}$ -						
No of Boilers: main 2 : auxiliary -		TYPE: 3 drum water tube			Working Pressure: main 225 p.s.i. auxiliary -				
Dimensions D x L - ft			Total Heating Surface 10,650 Sq. Ft.		Total Grate Area - Sq. Ft.				
Steam Space Volume - cubic feet			Furnaces: total no - : dia - ft - inches : length - ft - inches						
Boiler Tubes: Diameter - inches : length - ft - inches			Fuel: Oil		Draught: Natural Forced <input checked="" type="checkbox"/>				
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 10.0 ft: pitch 10.17 ft: No. of blades 3 built: solid <input checked="" type="checkbox"/> : material bronze.									
Shafting: Crankshaft, intermediate shaft, tailshaft diameters :- inches									
Electric Generators: No. 4 steam 60 K.W. 2 diesel 60 K.W. each: Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 4500 Tons		Draught 11.3 ft		Cb - 0.78		Speed - Knots			
I.H.P. R.P.M. 185		Steam Pressure at Engine		p.s.i. : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 262,455				Net Profit £ 15978.					
CAREER									
Initial Trade:									
1956-8: Fitted out as an L.S.C. (landing ship carrier)									
took part in the nuclear test at Christmas Island.									
1960 : Converted for service in a new Amphibious Warfare Squadron as a LST(A) and named 'Messina'.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S/M. SENESCHAL P255	SHIP N° 620	DELIVERY YEAR.
SOOTH'S S & CO Ltd CB.	Submarine	SHIP OWNER	Admiralty J 1147	ENGINE N° 694	1945

TECHNICAL INFORMATION:

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT: Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.08	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		814	990	14.75	9.0
Dates.	Order: 19 Oct 1942		Keel Lay: 1 Sept 1943		Launch: 23 Apr 1945		Delivery: 6 Sept 1945	
MAIN ENGINES. (BROTHERHOOD)	(2) Engines, Admy. pattern, 4 stroke single acting, 8 cylinders 14½" bore 15½" stroke, each developing 950 bhp at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 s.h.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3 : material - bronze							
SHAFTING.	All (6.5-3) inches diameter (hollow)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft :	Speed. -	knots.
B.H.P.		R.P.M.			

CONTRACT OUTCOME.

Invoice Price. £ 164099	Net Profit. £ 10695
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CAREER. Launched by Mrs. D.J. Blinn, d. of K.E. Greig.

23 August 1960 - Arrived at Dunston for breaking up

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. CHEQUERS J 1142		SHIP No	616	DELIVERY YEAR		
Scott's S & E Co., Ltd CB	Destroyer	SHIP OWNER	Admiralty		ENGINE No	690	1945		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	339.5	35.67	20.5	11.75				2320 full load	-
BALE CAPACITY cubic feet	G _D	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.57	Clincher	Steel		-	-		-	-
DATES	Order 24 Jul 1942		Keel Lay 4 May 1943		Launch 30 Oct 1944		Delivery 28 Sept 1945		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Summers Hunter.				
MACHINERY									
SUPPLIER Scott's S & E Co. Ltd.		TYPE Parsons Steam Turbines {h.p. + l.p. (Incorp. eastern.)}							
GEARING Single Reduction						PROPULSION MODE Twin Screws			
SHIP DESIGN RPM		40,000 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.			
DESIGN VACUUM		28 INCHES Hg							
No of Boilers: main 2 : aux		TYPE Admiralty Watertube 3-drum				Working Pressure & Temp 300 p.s.i. 650 °F			
Cylindrical Boilers	Dimensions D x L ft			Total Heating Surface Sq. Ft.		Total Grate Area Sq. Ft.			
	Steam Space Volume cubic feet			Furnaces: total no : dia ft		inches : length ft inches			
	Boiler Tubes : Diameter inches : length ft			inches					
Watertube Boilers	Total Heating Surface 27556 Sq. Ft.		Combustion Space Volume cubic feet		Fuel - Oil		Draught : Natural Forced ✓		
Propeller(s) : No. 2 ✓ RH ✓ LH : Dia 10.5 ft : pitch ft : No. of blades 3 built : solid ✓ : material bronze.									
Shafting : intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow inches									
Electric Generators : No. x type x K.W. each 2 - 155 kw turbo 3 - 50 kw diesel 1 - 10 kw diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement -- 2240 Tons : Draught 11.49 ft : Cb - 0.563 : Speed - 32.22 Knots									
S.H.P.		R.P.M. 330.1		Steam Pressure p.s.i. of : Vacuum		inches Hg			
CONTRACT OUTCOME									
Invoice Price £ 518,179					Net Profit £ 33737				
CAREER									
Initial Trade :									
September 1945 - Commissioned & allocated to the 14 th									
Destroyer Flotilla for service in the									
Mediterranean.									
July 1966 - Scrapped - Newport, Mon.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. SENTINEL. P256	SHIP N° 621	DELIVERY YEAR.
See H's S & E Co. Ltd CB	Submarine	SHIP OWNER	Admiralty. J 1148	ENGINE N° 695	1945

TECHNICAL INFORMATION.

DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT-Tons		MAX. SPEED.	
	185.0	23.65	16.8	14.08	Surface	Submerged	Surface	Submerged
Block Coefficient	Surface 0.		Submerged 0.		814	990	14.75	9.0
Dates.	Order: 19 Oct 1942.		Keel Lay: 15 Nov 1943		Launch: 27. Jul. 1945		Delivery: 28 Dec 1945	
MAIN ENGINES. (DAVEY-PAXMAN)	(2) Engines, Admy. pattern, 4 stroke single acting, 8 cylinders 14½" bore, 15½" stroke, each developing 950 bhp. at 460 r.p.m.							
MAIN MOTORS	(2) Electric propulsion motors, each 650 sh.p.							
BATTERIES.	2 batteries totalling 224 cells.							
PROPELLERS.	No. 2 ✓ ^{RH.} ✓ ^{LH.} Dia. 5.5 ft. : Pitch 3.83 ft. No. of blades 3. : material - bronze.							
SHAFTING.	All (6.5 - 3) inches diameter (hollow)							

TRIAL INFORMATION.

Displacement.	Tons:	Draught.	ft:	Speed. - - -	knots.
B.H.P.		R.P.M.			

CONTRACT - OUTCOME

Invoice Price. £ 154322	Net Profit : £ 10031
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CAREER.

Launched by Miss Maureen Greig.

28th Feb 1962 - Sold for breaking up at Gillingham.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. CHIEFTAIN. J. 1143		SHIP No	DELIVERY YEAR	
Scotts S&E Co. Ltd. CB.	Destroyer	SHIP OWNER	Admiralty.		ENGINE No	1946	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	339.5	35.67	20.5	11.75			
							2320 full load
BALE CAPACITY cubic feet	G _D	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.57	Clincher	Steel	-	-	-	-
DATES	Order 24 Jul 1942		Keel Lay	27 Jun 1943	Launch	26 Feb 1945	
					Delivery	7 Mar 1946	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Miss P. Scott Phillips.	
MACHINERY							
SUPPLIER	Scotts S&E Co., Ltd.		TYPE Parsons Steam Turbines {h.p + l.p. (incorp. astern.)}				
GEARING	Single Reduction.					PROPULSION MODE	Twin Screws.
	SHP DESIGN RPM	40,000 350	DESIGN SPEED	34 KNOTS	CONDENSER COOLING SURFACE	13800 SQ. FT.	
			DESIGN VACUUM	28 INCHES Hg			
No of Boilers: main	2	: aux -	TYPE Admiralty water tube 3-drum.			Working Pressure & Temp 300 p.s.i. 650 °F	
Cylindrical Boilers	Dimensions DxL		ft		Total Heating Surface	Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no	: dia ft	inches: length ft inches
	Boiler Tubes: Diameter		inches: length ft		inches		
Watertube Boilers	Total Heating Surface	27556 Sq. Ft.	Combustion Space Volume	cubic feet	Fuel - Oil	Draught: Natural Forced <input checked="" type="checkbox"/>	
Propeller(s): No. 2		✓ RH	✓ LH: Dia 10.5 ft: pitch	13.17 ft: No. of blades	3	built: solid <input checked="" type="checkbox"/>	: material bronze
Shafting: intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow inches							
Electric Generators: No. x type x K.W. each				2 : 155 kw turbo 3 : 50 kw diesel 1 : 10 kw diesel		Voltage 220 d.c.	
TRIAL INFORMATION							
Displacement	2255	Tons: Draught	11.81	ft.: Cb - 0.552	: Speed - 31.69	Knots	
S.H.P.	R.P.M. 331	Steam Pressure & Temp. at Engine	p.s.i. of	: Vacuum	inches Hg		
CONTRACT OUTCOME							
Invoice Price £ 483 270				Net Profit £ 31523			
CAREER							
Initial Trade:							
18 th February 1946 - Commissioned and allocated to the							
14 th Destroyer Flotilla in the Med.							
20 th March 1961 - Scrapped at Sunderland.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. TABARD. P342		SHIP N° 635	DELIVERY YEAR.	
Scotts S&E Co. Ltd. CB.	Submarine	SHIP OWNER	Admiralty. J 11061		ENGINE N° 712	1946	
TECHNICAL INFORMATION.							
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.
	263.0	26.5	17.66 to keel	14.67	Surface	Submerged	Surface Submerged
Block Coefficient	Surface 0.		Submerged 0.		1321	1571.	15.25 9.0
Dates.	Order: 26 May 1944		Keel Lay: 6 Sept. 1944		Launch: 21 Nov 1945		Delivery: 25 Jun 1946.
MAIN ENGINES. (JOHN BROWN)	(2) Engines, Admy. pattern, 4 stroke single acting - 6 cylinders 17½" bore, 18" stroke, each developing 1250 bhp at 480 rpm.						
MAIN MOTORS	(2) Electric propulsion motors, each of 725 b.h.p.						
BATTERIES.	3 batteries totalling 336 cells.						
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.33 ft. : Pitch 4.54 ft. No. of blades 3 : material - bronze.						
SHAFTING.	All (6.25 - 3) inches diameter (hollow)						
TRIAL INFORMATION.							
Displacement.		Tons:		Draught.		ft : Speed. - knots.	
B.H.P.		R.P.M.					
CONTRACT OUTCOME.							
Invoice Price. £ 263276				Net Profit. £ 11,837.			
CAREER.		Launched by Miss Jessie Frith, Superintendent, WRNS. Rosyth.					
Scrapped at Newport. - 1974/75.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. DEFENCE.		J 1137	SHIP No	611	DELIVERY YEAR
Scotts' S & E Co Ltd CB.	Cruiser	SHIP OWNER	Admiralty			ENGINE No	685	1946
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	538.0	64.0	32.04	17.25				8885
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.52	Clincher	Steel		-	-	-	-
DATES	Order 19 Dec 1941		Keel Lay	24 Jun 1942		Launch	2 Sep 1944	
						Delivery	20 July 1960	
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor	Mrs. Edelsten.		
MACHINERY								
SUPPLIER	Scotts' S & E Co, Ltd.		TYPE Parsons Steam Turbines {h.p.+l.p (incorp. astern) + cruising}					
GEARING	main h.p. + l.p. turbines - single reduction. cruising turbines - double reduction					PROPULSION MODE Four Screws		
SHIP DESIGN RPM	80,000		DESIGN SPEED		31.5 KNOTS		CONDENSER COOLING SURFACE 27600 SQ. FT.	
	300		DESIGN VACUUM		28 INCHES Hg			
No of Boilers: main	4 : aux -		TYPE Admiralty water tube 3 drum.				Working Pressure & Temp 400 p.s.i. 640 °F	
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
	Boiler Tubes: Diameter		inches : length ft				inches	
Watertube Boilers	Total Heating Surface		44128 Sq. Ft.		Combustion Space Volume.		cubic feet	
					Fuel: Oil		Draught: Natural Forced ✓	
Propeller(s): No. 4 ✓ RH ✓ LH: Dia 11.0 ft: pitch 14.0 ft: No. of blades 3 built solid ✓ : material bronze								
Shafting: intermediate shaft, tail shaft diameters :- (14.25-10), (14.375-10) all hollow inches								
Electric Generators: No. x type x K.W. each 4 x 500 Kw-turbo 2 x 150 Kw-diesel. Voltage 220 d.c.								
TRIAL INFORMATION								
Displacement		Tons: Draught		ft: Cb - 0		: Speed -		Knots
S.H.P.	R.P.M.	Steam Pressure : & Temp. at Engine		p.s.i. of : Vacuum				inches Hg
CONTRACT OUTCOME								
Invoice Price £ 1,476,898				Net Profit £ 90,051.				
CAREER								
Initial Trade: 'Defence', after being laid up in the Gaveloch 1946-54 was								
completed by Swan, Hunter, Wallsend in 1960 to a								
modernised design and was renamed 'Lion' in 1957.								
Arrived at Inverkeithing for scrapping 24 Apr 1975.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SINKIANG.				SHIP No	638	DELIVERY YEAR
SCOTT'S S&E Co Ltd.	General Cargo	SHIP OWNER	China Navigation Co. London				ENGINE No	715	1946
CB									
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	298.0	46.0	25.0	18.06		3020	1763	4830	2902
S&E CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	HYDRO STEEL WEIGHT - TONS	No. of Masts	
178200	0.68	Clincher	STEEL			B.C & M.O.T	1235	2	
DATES	Order 28 Sept 1944			Keel Lay	16 May 1945	Launch 22 Feb 1946	Delivery 31 Jul. 1946		
Passengers Carried	1st CI 27			2nd CI	3rd CI 82 (deck)		Launch Sponsor Mrs. H. Sutherland.		
MACHINERY									
SCOTT'S SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 485B4							
CYLINDERS: No. x DIAMETER		4 x 480 MM		STROKE		1660 MM		PROPULSION MODE	SCREW
DESIGN B.H.P.	1800 Service	133 RPM		DESIGN SPEED	12½ KNOTS		ASPIRATION	NATURAL GAS TURBO MACH SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 12.33 ft: pitch		ft: No. of blades 4		built solid ✓: v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters:- 11 14⅝ inches						fuel: diesel			
Electric Generators: No. x type x K.W. each				3 x 75 K.W. Diesel		Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement		2842 Tons: Draught		11.5 ft: Cb - 0.636		Speed - 13.51 Knots			
B.H.P. 1810		R.P.M. 132.6							
CONTRACT OUTCOME									
Invoice Price £ 238451				Net Profit - £ 7423					
CAREER									
Initial Trade: Australia - Papua New Guinea									
1966 - Sold to Asia Selatan Ent. Ltd. Panama - renamed 'Tongjit'									
1967 - African Sp Co. - Panama - 'Gamsolo'									
1969 - Kadina Ent. Co - 'Kadina'									
19th May 1977 - Sank in stormy weather in Singapore.									
2nd Sept 1978 - Refloated.									
Oct 1978 - Broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	earlier names.		SHIP No	DELIVERY YEAR			
Scotts S&E Co Ltd. CB	Destroyer.	SHIP OWNER	HMS. BERGEN. HMS Cvetan. J1145 HMS Cromwell.		618	1946			
			Royal Norwegian Navy.		ENGINE No 692				
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	339.5	35.67	20.5	11.75				2320 full load	—
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		DRYDOCK WEIGHT - TONS	No. of Masts
—	0.57	Clincher	Steel.		—	—		—	—
DATES	Order 12 Sept. 1942			Kel Lay 24 Nov 1943	Launch 6 Aug 1945		Delivery 16 Sept. 1946		
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Miss Lloyd - Chief Officer WRNS. Greenock				
MACHINERY									
SUPPLIER Scotts S&E Co. Ltd.		TYPE Parsons Steam Turbines {h.p. + l.p. (incorp astern)}							
GEARING		Single Reduction.				PROPULSION MODE Twin Screws			
SHP 40,000		DESIGN RPM 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.			
DESIGN VACUUM 28 INCHES Hg									
No of Boilers: main 2 : aux —		TYPE Admiralty water tube - 3 drum				Working Pressure & Temp 300 psal 650.°F			
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Sq. Ft.		Total Grate Area	
				Sq. Ft.				Sq. Ft.	
	Steam Space Volume cubic feet			Furnaces: no		: dia ft		inches: length ft inches	
Boiler Tubes: Diameter			inches: length		ft		inches		
Watertube Boilers	Total Heating Surface		27556 Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel - Oil
								Natural Draught: Forced ✓	
Propeller(s): No. 2		VRH ✓ LH: Dia 10.5 ft: pitch 13.17 ft: No. of blades 3		built: solid ✓		: material bronze			
Shafting: intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow. inches									
Electric Generators: No. x type x K.W. each		2 x 155 Kw turbo.		1 x 50 Kw diesel.		1 x 10 Kw diesel.		Voltage 220 d.c.	
TRIAL INFORMATION									
Displacement 2372 Tons:		Draught 11.82 ft:		Cb - 0.58		: Speed - 31.55 Knots			
S.H.P.		R.P.M. 324.3		Steam Pressure		psi of		: Vacuum	
								Inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 486,202.		Net Profit £ 29,615.							
CAREER									
Initial Trade:									
Scrapped 1967 - Belgian shipbreakers.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.N.M.S. OSLO. <small>originally HMS Crown. J 1146</small>		SHIP No	DELIVERY YEAR				
Scotts' S&E Co Ltd. CB.	Destroyer.	SHIP OWNER	Royal Norwegian Navy.		ENGINE No	1947				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	339.5	35.67	20.5	11.75				2320 full load	—	
SALE CAPACITY	G _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		STEEL WEIGHT - TONS	No. of Masts	
—	0.57	Clincher.	Steel.		—	—		—	—	
DATES	Order 12 Sept 1942		Keel Lay 16 Jan 1944		Launch 19 Dec 1945		Delivery 28 Apr 1947			
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Mrs. H.C. Phillips.					
MACHINERY										
SUPPLIER <small>Scotts' S&E Co. Ltd.</small>		TYPE Parsons Steam Turbines {h.p. + l.p. (incorp. astern)}								
GEARING Single Reduction						PROPULSION MODE <small>Twin Screws</small>				
SHP 40,000		DESIGN RPM 350		DESIGN SPEED 34 KNOTS		CONDENSER COOLING SURFACE 13800 SQ. FT.				
No of Boilers: main 2 : aux —		TYPE Admiralty water tube - 3 drum				Working Pressure & Temp 300 p.s.i. 650 °F				
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Total Grate Area				
	ft			Sq. Ft.		Sq. Ft.				
	Steam Space Volume cubic feet			Furnaces: no		: dia ft		: length ft		
Boiler Tubes: Diameter			inches: length			ft			inches	
Watertube Boilers	Total Heating Surface		27556 Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel - Oil	
Propeller(s): No. 2		✓ RH ✓ LH: Dia 10.5 ft: pitch 13.17 ft: No. of blades 3		built: solid ✓		: material bronze				
Shafting: intermediate shaft, tail shaft diameters :- (13 - 8.5) hollow.								inches		
Electric Generators: No. x type x K.W. each				2 - 155 kw turbo 1 - 50 kw diesel 1 - 70 kw diesel		Voltage 220 d.c.				
TRIAL INFORMATION										
Displacement		Tons: Draught		ft: Cb - 0		: Speed -		Knots		
S.H.P.	R.P.M.	Steam Pressure: & Temp. at Engine		p.s.i. of : Vacuum		Inches Hg				
CONTRACT OUTCOME										
Invoice Price £ 532,230				Net Profit £ 32,446.						
CAREER										
Initial Trade:										
1966 - Scrapped by Dutch Shipbreakers.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SHONGA.		SHIP No 642	DELIVERY YEAR			
SCOTTS' S&E Co Ltd.	General Cargo	SHIP OWNER	Elder Dempster Lines. Liverpool		ENGINE No 719	1947			
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	385.0	57.0	24.0	22.2		4810	2636	10030	6340
SALE CAPACITY GROSS TON	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
364046	0.71	Clincher	STEEL		-	B.C.		2626	2
DATES	Order 30 Aug. 1946		Keel Lay 29 May 1946		Launch 19 Aug 1947		Delivery 18 Nov 1947		
Passengers Carried	1st Cl	12	2nd Cl	3rd Cl	Launch Sponsor Mrs. C.T.J. Cripps.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 56184.							
CYLINDERS: No. x DIAMETER		4 x 560 MM		STROKE		2160 MM		PROPULSION MODE SCREW	
DESIGN 2750 B.H.P. (Service)		115 RPM		DESIGN SPEED		12½ KNOTS		ASPIRATION NATURAL / GAS TURBO / MECH SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 15.0 ft: pitch 11.72 Max 10.07 Min.		ft: No. of blades 4		built : solid ✓ : v.p.		: material bronze	
Shafting: intermediate shaft, tail shaft diameters :- 13½ 15½ inches						fuel: diesel			
Electric Generators: No. x type x K.W. each 3 - 125 KW Diesel						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement		5318 Tons		Draught 12.92 ft		Cb - 0.658		Speed - 14.1 Knots	
B.H.P. 2884		R.P.M. 120.75							
CONTRACT OUTCOME									
Invoice Price £ 440,946.				Net Profit - £ 18844					
CAREER									
Initial Trade: West Africa.									
April 1965 - Transferred to Guinea Gulf Line as 'Mallam'.									
25 th November 1967 - Sold for £100,000 to Pacific International Lines, Singapore and renamed 'Kota Maju'.									
1977 - Sold to Pakistani shipbreakers.									
Arrived Karachi 14 th October 1977.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M. ARTFUL.			SHIP NO 623	DELIVERY YEAR.
Scott's S & E Co. Ltd CB.	Submarine	SHIP OWNER	British Admiralty. J11050			ENGINE NO 697	1948
TECHNICAL INFORMATION.							
DIMENSIONS. FEET.	Length	Beam	Depth	Draught	DISPLACEMENT - Tons		MAX. SPEED.
	222.0	22.25	19.0	17.0	Surface	Submerged	Surface Submerged
Block Coefficient	Surface 0.		Submerged 0.		1385	1620	18.0 8.0
Dates.	Order: 7 Apr 1943		Keel Lay: 8 Jun 1944		Launch: 22 May 1947		Delivery: 23 Feb 1948.
MAIN ENGINES. (P. BROTHERHOOD)	(2) Engines, Admy. pattern, 4 stroke single acting, mech. supercharged, 8 cylinders, 17½" bore, 18" stroke, each of 2150 bhp. at 460 r.p.m.						
MAIN MOTORS	(2) Electric propulsion motors each 625 bhp.						
BATTERIES:	2 batteries totalling 224 cells.						
PROPELLERS.	No. 2 ✓ R.H. ✓ L.H. Dia. 5.75 ft. : Pitch 5.33 ft. No. of blades 3 : material - ^{man.} bronz.						
SHAFTING:	All (7 - 3.5) inches diameter (hollow)						
TRIAL INFORMATION.							
Displacement.		Tons:		Draught.		ft : Speed. - knots.	
B.H.P.		R.P.M.					
CONTRACT OUTCOME.							
Invoice Price. £273958				Net Profit. £18306.			
CAREER. Launched by Mrs. Hector McNeil, wife of local M.P.							
1969/70 - Scrapped at Queensborough.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. ASTYANAX.		SHIP No 637	DELIVERY YEAR			
Scotts S&E Co Ltd CB.	Cargo Liner	SHIP OWNER	China Mutual Steam Nav Co. Liverpool		ENGINE No 714.	1948.			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	452.75	62.0	35.0	28.27		8319	4942	15100	9340
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
536767	0.669	Clincher	Steel.			M.o.T.	3877	2	
DATES	Order 27 June 1945		Keel Lay	18 th March 1946		Launch 29 Oct 1947	Delivery 6 Apr 1948		
Passengers Carried	1st Cl 12		2nd Cl		3rd Cl	Launch Sponsor Lady Hetherington.			
MACHINERY									
SUPPLIER J.G. Kincaid		TYPE B&W/Kincaid Two Cycle Double Acting Reversing Oil Engine.							
CYLINDERS : No. x DIAMETER		8 x 550 MM		STROKE		1200 MM		PROPULSION MODE	Screw
DESIGN ^{Service} B.H.P. & R.P.M.		6800 116		DESIGN SPEED		16 KNOTS		ASPIRATION	NATURAL GAS TURBO MECH SUPERCHARGE
Propeller(s) : No. 1		✓RH LH: Dia 18.0 ft : pitch 13.42 mean ft		No. of blades 4		built : solid ✓		: material bronze	
Shafting : intermediate shaft, tail shaft diameters :- 16, 17 ¹³ / ₁₆ inches Fuel : diesel									
Electric Generators : No. x type x K.W. each 4 x 220kW . 1-40kW(emer) Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		8380 Tons		Draught 17.25 ft		Cb - 0.610		: Speed - - Knots	
B.H.P. 6235 R.P.M. 115 .									
CONTRACT OUTCOME									
Invoice Price £-580429 .					Net Profit -£37648.				
CAREER									
Initial Trade :									
1959 - Renamed ' Glenfruin '									
1972 - Scrapped - Formosa.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SULIMA.		SHIP No 643	DELIVERY YEAR			
SCOTTS' S&E Co Ltd.	General Cargo	SHIP OWNER	Elder Dempster Lines Liverpool		ENGINE No 720	1948			
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	385.0	57.0		22.7		4810	2636	10,030	6324
SALE CAPACITY GROSS TON	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
364046	0.72	Clincher	STEEL			B.C.		2626	2
DATES	Order 30 Aug 1946		Keel Lay 26 Sept 1946		Launch 27 Jan 1948		Delivery 11 May 1948		
Passengers Carried	1st CI 12 2nd CI - 3rd CI -				Launch Sponsor Mrs. A.M. Bennett.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 56 LB4							
CYLINDERS: No. x DIAMETER		4 x 560 MM		STROKE		2160 MM		PROPULSION MODE SCREW	
DESIGN 2750 B.H.P. (service)		115 RPM		DESIGN SPEED		12 1/2 KNOTS		ASPIRATION NATURAL OIL TURBO MECH SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 15.0 ft: pitch 11.72 Max. ft: No. of blades 4		10.07 Min.		built : solid ✓ : v.p.		: material - bronze	
Shafting: intermediate shaft, tail shaft diameters :- 13 1/4 15 3/8 inches						fuel: diesel			
Electric Generators: No. x type x K.W. each 3 x 125 KW Diesel						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement 5610		Tons: Draught 13.54		ft: Cb - 0.665		: Speed - ^{not} recorded Knots			
B.H.P. 2255 R.P.M. 117.0									
CONTRACT OUTCOME									
Invoice Price £ 440,378					Net Profit £ 10610.				
CAREER									
Initial Trade: West Africa.									
1959 - Passenger accommodation withdrawn & converted for use of African cadets.									
1965 - Transferred to Guinea Line, renamed 'Mano'									
26 June 1967 - Sold for £ 115,000 to Effnavaal Cia. Sa. Piraeus as 'Anna F.'									
Sept 1973 - Towed to Gdansk for engine repairs - too expensive - sold for scrapping at Bilbao. Broke adrift under tow - Stranded 4 Dec 1973 south of Klaipeda in position 54° 58' N 20° 17' E.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SWEDRU.		SHIP No	644	DELIVERY YEAR
SCOTTS' S&E Co Ltd.	General Cargo.	SHIP OWNER	Elder Dempster Lines. Liverpool.		ENGINE No	721	1948.
CB.							
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	385.0	57.0	24.0	22.2		4809	2637
							Displacement
							10.030
							Deadweight
							6323
SALA CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts
364046	0.72	Clincher	STEEL	-	B.C.	2626	2
DATES	Order 6 Sept 1946		Keel Lay 19 Dec 1946		Launch 23 Apr 1946		Delivery 18 Aug 1946
Passengers Carried	1st CI 12	2nd CI	3rd CI		Launch Sponsor Mrs. J.H. Joyce.		
MACHINERY							
SUPPLIER	Richardson Westgarth.		DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 56 LB 4				
CYLINDERS: No. x DIAMETER	4 x 560 MM		STROKE	2160 MM		PROPULSION MODE	SCREW
DESIGN 2750	115 RPM		DESIGN SPEED	12½ KNOTS		ASPIRATION	NATURAL GAS TURBO DIESEL SUPERCHARGE
B.H.P. (service)							
Propeller(s): No.	1	✓ RH	LH: Dia 15.0 ft: pitch 11.6 max	9.94 min	ft: No. of blades 4	built: solid ✓	v.p. : material bronze
Shafting: intermediate shaft, tail shaft diameters :-	13¼ 15½		inches		fuel: diesel		
Electric Generators: No. x type x K.W. each	3 x 125 KW.		Voltage 220 d.c.				
TRIAL INFORMATION							
Displacement	5475		Tons: Draught	13.25		ft: Cb - 0.619	: Speed ^{not} recorded Knots
B.H.P.	2190		R.P.M.	115.0			
CONTRACT OUTCOME							
Invoice Price	£ 439075		Net Profit £ 12936.				
CAREER							
Initial Trade: West Africa.							
July 1965. - Transferred to Guinea Gulf Line as 'Maradi.'							
19 June 1967 - Sold to Kavalavis Shipping Co. Greece and renamed 'Kavalavis'.							
7 July 1972 Sold to Revalorizaci de Materiales, Bilbao.							
Demolition commenced August 1972.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CYCLOPS:		SHIP No	DELIVERY YEAR	
Scotts' S&E Co. Ltd. CB.	Cargo Liner	SHIP OWNER	China Mutual Steam Nav. Co. Liverpool		639	1948	
ENGINE No 716							
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	452.75	62.0	35.0	28.27		8316	4910
							Displacement
							15100
							Deadweight
							9360
SALE CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
536,767	0.669	Clincher	Steel	-	M.O.T	3877	2
DATES	Order 3 Apr 1946		Keel Lay 23 Jan 1947		Launch 21 Jul 1948		Delivery 2 Dec 1948
Passengers Carried	1st Cl 12 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. W. M. Gavigan		
MACHINERY							
SUPPLIER	SCOTT'S S. & E. Co. Ltd.		TYPE Scott/B&W Two Cycle Double Acting Reversing Oil Engine.				
CYLINDERS: No. x DIAMETER	8 x 550 MM		STROKE		1200 MM		PROPULSION MODE
							Screw
DESIGN B.H.P. & R.P.M.	6800 116		DESIGN SPEED		16 KNOTS		ASPIRATION
							NATURAL GAS TURBO MECH. SUPERCHARGE
Propeller(s): No.	1		RH LH: Dia 18.0 ft: pitch 13.42 mean ft: No. of blades		4		built solid
							material bronze
Shafting: intermediate shaft, tail shaft diameters:- 16 17 1/2 inches. Fuel: diesel.							
Electric Generators: No. x type x K.W. each 4 - 220KW. 1-40KW. (emer.) Voltage 220d.c.							
TRIAL INFORMATION							
Displacement	8230 Tons		Draught 17.0 ft		Cb - 0.607		Speed - 15.27 Knots
B.H.P. 6680 R.P.M. 113.9							
CONTRACT OUTCOME							
Invoice Price £571,292				Net Profit £40403.			
CAREER							
Initial Trade:							
July 1975 - Renamed 'Automedon'							
Aug 1977 - Scrapped. Dalmuir.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CHANGSHA		SHIP No 645	DELIVERY YEAR			
SCOTTS' S&E Co Ltd.	Cargo Passenger	SHIP OWNER	China Navigation Co. London		ENGINE No 724	1949			
<div>CB</div> <div>TECHNICAL INFORMATION</div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	44.0	57.0	33.0	23.56		7414	4104	10785	6065
SALE CAPACITY GROSS TON	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
249411 + 58038 Frie	0.617	Clincher	STEEL		-	B.C. & M.O.T		2996	2
DATES	Order 30 Sept 1946		Keel Lay 10 Dec 1947		Launch 2 Nov 1948		Delivery 3 May 1949		
Passengers Carried	1st CI 42 2nd CI 42 3rd CI 70				Launch Sponsor Lady Masson.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LB5							
CYLINDERS: No. x DIAMETER		5 x 670 MM		STROKE 2320 MM		PROPULSION MODE SCREW			
DESIGN 5600		118 RPM		DESIGN SPEED 15 KNOTS		ASPIRATION NATURAL OAS TURBO MECH SUPERCHARGE			
B.H.P. (Service)									
Propeller(s): No. 1		RH LH: Dia 16.5 ft: pitch 14.14 mean ft: No. of blades 4		built : solid ✓ : v.p.		: material Bronze			
Shafting: intermediate shaft, tail shaft diameters :- 15 18 1/2 inches						fuel: diesel			
Electric Generators: No. x type x K.W. each: 4 x 175 KW Diesel						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement		6168 Tons: Draught		14.7 ft: Cb - 0.619		: Speed - 16.26 Knots			
B.H.P. 5586 R.P.M. 121.6									
CONTRACT OUTCOME									
Invoice Price £ 820,748					Net Profit £ 55531				
CAREER									
Initial Trade: Australia / Far East.									
28 March 1956 - Aground in Tokyo Bay.									
26 Sept 1959 - Blown ashore 9 miles West of Nagoya on sandy beach by typhoon 'Veva'. Excavated & refloated 6 months later.									
1969 - Sold to Pacific International Lines - Singapore and renamed 'Kota Panjang' for service - Straits/Hong Kong/ /Canton.									
June 1981 - Broken up Gadani Beach, Pakistan.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. FORT AVALON.				SHIP No 648	DELIVERY YEAR
Scotts S&E Co. Ltd CB	Newsprint Carrier	SHIP OWNER	Bermuda & W.I.S.S. Co. Bermuda.				ENGINE No 731	1949.
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	340.0	48.5	30.0	20.51		3484	1807	6680
SALE CAPACITY cubic feet	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS
210880	0.69	Clincher	Steel.			L.R.		1727
DATES	Order 4 Jul 1947		Keel Lay 14 Feb 1948		Launch 13 Apr 1949		Delivery 22 Jul 1949	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. C.C. Black.			
MACHINERY								
SUPPLIER Scotts S&E Co. Ltd.		TYPE Scotts design impulse steam turbines { h.p + l.p. both } incorp astern						
GEARING Single reduction.						PROPULSION MODE Screw		
SERVICE SHP 3000 DESIGN RPM 125		DESIGN SPEED 13.5 KNOTS DESIGN VACUUM INCHES Hg		CONDENSER COOLING SURFACE 4500 SQ. FT.				
No of Boilers: main 2 : aux		TYPE Yarrow 3-drum.				Working Pressure & Temp 230 p.s.i. 600 °F		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
	Boiler Tubes: Diameter		inches : length ft		inches			
Water tube Boilers	Total Heating 7200 boilers Surface 1000 sq. ft. 9100 sq. ft.		Combustion Space Volume.		cubic feet		Fuel: Oil	Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 1		RH LH: Dia 14.5 ft: pitch 11.17 mean ft: No. of blades 4		built : solid <input checked="" type="checkbox"/>		: material bronze		
Shafting: intermediate shaft, tail shaft diameters :- 12 14 1/2 inches								
Electric Generators: No. x type x K.W. each 3 x 30 KW steam						Voltage 110 d.c.		
TRIAL INFORMATION								
Displacement 3591		Tons: Draught 12.0		ft: C _B - 0.63		: Speed - 14.86 Knots		
S.H.P. 3013 R.P.M. 131.4		Steam Pressure & Temp. at Engine		224 p.s.i. 618 °F		: Vacuum		29.2 inches Hg
CONTRACT OUTCOME								
Invoice Price £ 427,437.				Net Profit £ 5600.				
CAREER								
Initial Trade:								
15 Nov 1960 - Sold to Greek owners - renamed 'Azur Med.'								
1974 - Broken up.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. TAIYUAN.		SHIP No	646	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Cargo Passenger	SHIP OWNER	China Navigation Co. London.		ENGINE No	725	1949		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	44.0	57.0	33.0	23.56		7472	4137	10785	6074
S&E CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts	
249411 + 58038 Frg	0.677	Clincher	STEEL			B.C. & M.O.T.	2996	2	
DATES	Order 22 Oct 1946		Keel Lay 5 May 1948		Launch 12 May 1949		Delivery 4 Nov 1949		
Passengers Carried	1st Cl 42 2nd Cl 42 3rd Cl 70					Launch Sponsor Mrs. J. K. Swire			
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LB 5							
CYLINDERS: No. x DIAMETER		5 x 670 MM		STROKE 2320 MM		PROPULSION MODE		SCREW	
DESIGN 5600 B.H.P. (service)		118 RPM		DESIGN SPEED 15 KNOTS		ASPIRATION		NATURAL GAS TURBO MECH SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 16.5 ft: pitch 14.4 mean ft: No. of blades 4		built solid		v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters:- 15 18 3/4 inches fuel: diesel.									
Electric Generators: No. x type x K.W. each 4 x 175 K.W. Diesel. Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		6015 Tons: Draught		14.5 ft: Cb - 0.615		Speed - 16.21 Knots			
B.H.P. 5486 R.P.M. 120.9.									
CONTRACT OUTCOME									
Invoice Price £ 779648					Net Profit £ 53149.				
CAREER									
Initial Trade: Australia / Far East.									
1970 - Withdrawn and refitted at Hong Kong for the Sydney / Fiji trade.									
1972 - Sold to Pacific International Lines - Singapore and renamed 'Kota Sahabat' for Straits / Hong Kong / Canton service.									
Feb. 1980 - Sold for scrap.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. ANKING	SHIP No 647	DELIVERY YEAR 1949
SCOTT'S S&E Co Ltd.	Cargo Passenger.	SHIP OWNER	China Navigation Co. London	ENGINE No 727	

CB

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	390.0	56.5	33.0	21.0		6127	3288	8750	4705
SALE CAPACITY	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STEEL WEIGHT - TONS	No. of Masts
270900	0.66	Clinker		STEEL			B.C. & M.O.T.	2698	2
DATES	Order 21 Mar. 1947			Keel Lay 20 May 1948		Launch 23 Aug 1949		Delivery 26 Dec 1949	
Passengers Carried	1st Cl 38	2nd Cl		3rd Cl		96 Cabin 904 Deck		Launch Sponsor Miss Janet Scott.	

MACHINERY

SUPPLIER	Vickers. Barrow.	DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LB 4				
CYLINDERS: No. x DIAMETER		4 x 670 MM	STROKE 2320 MM		PROPULSION MODE	SCREW
DESIGN	4500 British	115 RPM	DESIGN SPEED	15 KNOTS	ASPIRATION	NATURAL GAS TURBO MECH SUPERCHARGE
B.H.P. (Service)	Metric					
Propeller(s): No. 1		✓ RH LH: Dia 15.0 ft: pitch 15.54 (mean) ft:	No. of blades 4		built solid ✓	v.p. : material Bronze
Shafting: intermediate shaft, tail shaft diameters: - 15 18 ³ / ₄ inches fuel: diesel						
Electric Generators: No. x type x K.W. each 3 x 175 K.W. 1-24 K.W (emer.) Voltage 220. d.c.						

TRIAL INFORMATION

Displacement	5742 Tons	Draught	14.83 ft	Cb - 0.617	Speed - 16.49 Knots
B.H.P. - 4446	R.P.M. 118.6				

CONTRACT OUTCOME

Invoice Price	£ 668294	Net Profit	£ 45112.
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CAREER

Initial Trade:	
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1965 -	Placed on Hong Kong / Taiwan service.
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Aug 1965 -	Holed after striking Keelung breakwater.
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May 1970 -	Sold to Straits S.S. Co. - Singapore and renamed
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	'Klias' for the West Malaysia & Singapore / Sarawak & Sabah
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	service.
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Sept. 1976 -	Damaged by stranding.
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Jan. 1977 -	Broken up by Fuji Marden.
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SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CHUNGKING		SHIP No	649	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Cargo Passenger	SHIP OWNER	China Navigation Co. London		ENGINE No	732	1950		
CB TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	450.0	62.0	35.0	25.08		9398	5332	14400	8910
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
425746	0.72	Clincher	STEEL			B.C. & M.O.T.	3749	2	
DATES	Order 19 Nov 1947			Keel Lay 11 Oct 1948	Launch 19 Jan 1950		Delivery 19 Oct 1950.		
Passengers Carried	1st Cl 48		2nd Cl		3rd Cl 320 Steevage		Launch Sponsor Mrs. R.G. Molndoe.		
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE							
CYLINDERS: No. x DIAMETER		6 x 670 MM		STROKE		2320 MM		PROPULSION MODE SCREW	
DESIGN 6500 B.H.P. (Service)		115 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION NATURAL GAS TURBO MACH. SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 16.5 ft: pitch 15.58 mean ft: No. of blades 4		built solid		v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters: - 15 ⁷ / ₈ 18 ³ / ₄ inches						fuel: diesel.			
Electric Generators: No. x type x K.W. each 4 - 175 K.W. Diesel						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement		7400 Tons		Draught 14.3 ft: Cb - 0.66		Speed - 17.31 Knots			
B.H.P. 6538 R.P.M. 120.									
CONTRACT OUTCOME									
Invoice Price £ 924430					Net Profit £ 123567				
CAREER									
Initial Trade: Intended for the China / Straits trade.									
October 1950 - Ran trials but, without entering service, chartered to M.O.T for service in the Far East.									
March 1952 - Sold to Admiralty & handed over. December 1952 on completion of charter - renamed 'Retainer'.									
1952 - 1954 - Managed by Buries Markes.									
July 1954 - Apr 1955 - Converted by Palmers, Hebburn into a store ship for the Far Eastern fleet.									
14 th Sept 1979 - Sold to Sparrboon, ship brokers, Rotterdam.									
1980 - Broken up at Barcelona.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CHANGCHOW.		SHIP No	654	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Cargo Passenger	SHIP OWNER	China Navigation Co. London		ENGINE No	739	1951		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	450.0	62.0	35.0	25.08		9403	5295	14400	8912
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STPL WEIGHT - TONS	No. of Masts	
425746	0.72	Clincher	STEEL			B.C & M.O.T	3749	2	
DATES	Order 16 Jun 1948		Keel Lay 7 Jun 1949		Launch 31 Jul 1950		Delivery 15 Feb 1951		
Passengers Carried	1st CI 48		2nd CI		3rd CI 320 Steevage		Launch Sponsor Mrs. D.M. Phillips.		
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE							
CYLINDERS: No. x DIAMETER		6 x 670 MM		STROKE		2320 MM		PROPULSION MODE SCREW	
DESIGN 6500 B.H.P. Service		115 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION NATURAL <input checked="" type="checkbox"/> GAS TURBO <input type="checkbox"/> MEXX SUPERCHARGE <input type="checkbox"/>	
Propeller(s): No. 1		RH LH: Dia 16.5 ft: pitch 15.58 mean ft: No. of blades 4		built solid <input checked="" type="checkbox"/> : v.p. : material bronze					
Shafting: intermediate shaft, tail shaft diameters :- 15 ⁷ / ₈ 18 ³ / ₄ inches						fuel: diesel.			
Electric Generators: No. x type x K.W. each 4 - 175 K.W. Diesel.						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement 7440		Tons: Draught 14.23		R: Cb - 0.66		Speed - 17.7 Knots			
B.H.P. 6784 - R.P.M. 120.5									
CONTRACT OUTCOME									
Invoice Price £ 895277.					Net Profit £ 148.173.				
CAREER									
Initial Trade: Intended for the China / Straits trade.									
February 1951 - Ran trials but before entering service chartered to M.O.T. for service in the Far East.									
1953 - Sold to Admiralty & renamed 'Resurgent'.									
1953 - 1957 - Placed on charter to B.I.S.N. Co.									
1957 - Converted to Armament Stores Issuing Ship for the Far Eastern Fleet.									
18 th Mar 1981 - Sold to Davies & Newman. Brokers.									
May 1981 - Broken up in Gijon.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. LORD CANNING.	SHIP No 651	DELIVERY YEAR
SCOTT'S S&E Co Ltd.	Oil Tanker.	SHIP OWNER	Northam Steamship Co. London.	ENGINE No 736	1951.

CB.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	510.0	69.0	37.0	29.43		11346	6684	23250	17330
CARGO CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	HYDRO STEEL WEIGHT - TONS	No. of Masts	
791434	0.782	Clincher	STEEL			L.R.	4501	2	
DATES	Order 12 Jan 1948			Keel Lay 1 Feb 1950		Launch 11 Dec 1950		Delivery 25 Apr 1951	
Passengers Carried	1st Cl - - - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. M.N. Nicolau.			

MACHINERY

SCOTT'S SUPPLIER S&E CO.LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LB 5					
CYLINDERS: No. x DIAMETER		5 x 670 MM		STROKE 2320 MM		PROPULSION MODE SCREW	
DESIGN 5500		110 RPM		DESIGN SPEED 13½ KNOTS		ASPIRATION NATURAL ✓ GAS TURBO MECH SUPERCHARGE	
B.H.P. Service							
Propeller(s): No. 1 ✓ RH		LH: Dia 17.5 ft: pitch 13.28 mean ft: No. of blades 4		built : solid ✓ : v.p.		: material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters:- 16½ 18 inches						fuel: diesel.	
Electric Generators: No. x type x K.W. each						Voltage 110 d.c.	
2 - 50 K.W. Steam							
1 - 26 K.W. Diesel							

TRIAL INFORMATION

Displacement	23025	Tons: Draught	29.17	ft: Cb	-0.781	: Speed	-14.53 Knots
B.H.P.	5625	R.P.M.	112.6				

CONTRACT OUTCOME

Invoice Price	£ 656184	Net Profit	£ 56656.
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CAREER

Initial Trade:

May 1966 - renamed 'Lord Lloyd George'

1970 - broken up.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. LINDE		SHIP No 653	DELIVERY YEAR			
SCOTTS' S&E Co Ltd.	Oil Tanker.	SHIP OWNER	A/s Tonsberg Hvalfangeri Norway. Tonsberg.		ENGINE No 738	1951			
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	510.0	66.0	35.25	28.13		10346	5906	21160	15680
CARGO CAPACITY cub ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	BYONCE STEEL WEIGHT - TONS	No. of Masts		
721 418	0.78	Clincher	STEEL	-	L.R.	4143	2		
DATES	Order 22 Jun 1948		Keel Lay	25 Apr 1950	Launch 20 Apr 1951	Delivery 9 Aug 1951			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Martha Olsen.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LB 5							
CYLINDERS: No. x DIAMETER		5 x 670 MM		STROKE 2320 MM		PROPULSION MODE		SCREW	
DESIGN 5500 B.H.P. (Service)		110 RPM		DESIGN SPEED		13 3/4 KNOTS		ASPIRATION NATURAL GAS TURBO MECH. SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 17.5 ft: pitch 13.28 mean. ft:		No. of blades 4		built : solid ✓		v.p. : material mang bunge	
Shafting: intermediate shaft, tail shaft diameters :- 16 1/2 18 inches						fuel: diesel			
Electric Generators: No. x type x K.W. each						2 x 50 K.W. - Steam. 1 x 50 K.W. - Diesel		Voltage 110 d.c.	
TRIAL INFORMATION									
Displacement 21050		Tons: Draught 28.0		ft: Cb - 0.78		Speed - 14.53 Knots			
B.H.P. 5760		R.P.M. 110.75							
CONTRACT OUTCOME									
Invoice Price £ 646958				Net Profit £ 36150.					
CAREER									
Initial Trade: - Whale Oil.									
January 1963 - Sold to Algot Johanson, Marihamn									
for £95000 on credit terms									
1974 - Scrapped as 'Signy.'									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. EBOE		SHIP No	655	DELIVERY YEAR		
SCOTT'S S&E Co Ltd.	Cargo Passenger	SHIP OWNER	Elder Dempster Lines Liverpool		ENGINE No	741	1952		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	465.0	64.0	36.0	27.67		9397	5242	15975	10.060
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		HYDRO STEEL WEIGHT - TONS	No. of Masts
531803	0.676	Clincher	STEEL		-	L.R.		3987	2
DATES	Order 18 Dec 1948			Keel Lay 18 Aug 1950	Launch 19 Sept 1951		Delivery 28 Feb 1952		
Passengers Carried	1st Cl 12 2nd Cl - 3rd Cl -				Launch Sponsor Lady Milverton.				
MACHINERY									
SCOTT'S SUPPLIER S&E CO. LTD.			SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 725 S.B.6						
CYLINDERS: No. x DIAMETER			6 x 725 MM		STROKE 2250 MM		PROPULSION MODE SCREW		
DESIGN 8450			118 RPM		DESIGN SPEED 16 KNOTS		ASPIRATION NATURAL GAS TURBO DIESEL SUPERCHARGE		
B.H.P. (Service)									
Propeller(s): No. 1			RH LH: Dia 17.5 ft: pitch 14.67 mean ft: No. of blades 4		built solid ✓ v.p.		material bronze		
Shafting: intermediate shaft, tail shaft diameters: - 16 ¹ / ₂ 18 ³ / ₁₆ inches fuel: diesel.									
Electric Generators: No. x type x K.W. each 4 x 180 KW Diesel. 375 r.p.m. Voltage 220 d.c.									
(LOADED) TRIAL INFORMATION									
Displacement 15390		Tons: Draught 26.8		ft: Cb - 0.672		: Speed - 16.69 Knots			
B.H.P. 8061 R.P.M. 120.9									
CONTRACT OUTCOME									
Invoice Price £ 964086					Net Profit £ 77,417				
CAREER									
Initial Trade: West Africa.									
19 th Sept. 1977 - Sold to Triton Navigation Corp., Monrovia.									
renamed Georgios.									
1978 - Sold to Maldives Shipping Co. Panama.									
Sold to Pakistani shipbreakers.									
19 th Feb. 1978 - Arrived at Gadani Beach for scrapping.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. EBANI. 003 V/A		SHIP No	656	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Cargo Passenger	SHIP OWNER	Elder Dempster Lines, Liverpool.		ENGINE No	742	1952		
CB TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	465.0	64.0	36.0	27.67		9396	5241	15975	10073
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
531803	0.767	Clincher	STEEL		—	L.R.	3987	2	
DATES	Order 18 Dec. 1948		Keel 25 Dec. 1950		Launch 13 May 1952		Delivery 19 June 1952		
Passengers Carried	1st Cl 12		2nd Cl		3rd Cl		Launch Sponsor Miss Tod		
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 725 SB 6							
CYLINDERS: No. x DIAMETER		6 x 725 MM		STROKE		2250 MM		PROPULSION MODE SCREW	
DESIGN 7450 B.H.P. (Service)		118 RPM		DESIGN SPEED		16 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 17.5 ft: pitch 14.67 mean ft: No. of blades 4		built solid		✓ v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters:— 16 ¹ / ₂ 18 ³ / ₁₆ inches fuel: diesel									
Electric Generators: No. x type x K.W. each 4 x 180 Kw. Diesel 375 v.p.m. Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		7750 Tons		Draught		14.8 ft: Cb - 0.60		Speed - 18.29 Knots	
B.H.P. 6748 R.P.M. 120.9									
CONTRACT OUTCOME									
Invoice Price		£ 941844		Net Profit		£ 109,960.			
CAREER									
Initial Trade: West Africa.									
1973. Transferred for one round voyage to the Far East for China Mutual Steam. Nav. Co.									
1977 Sold for demolition to Shipbreaking Industries and arrived Faslane August 1977.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. NIMERTIS.		SHIP No	657	DELIVERY YEAR				
SCOTT'S S&E Co Ltd.	Oil Tanker	SHIP OWNER	Perga Steamship Co. Panama.		ENGINE No	744					
CB. TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
58.0	525.0	69.75	39.17	30.23		11268	6676	23760	17610		
CARGO CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		ENGINE WEIGHT - TONS	No. of Masts		
780519	0.747	Riveted/welded	STEEL		-	L.R.		4496	2		
DATES	Order 30 Nov 1950		Keel 26 Apr 1951		Launch 24 Jun 1952		Delivery 22 Oct 1952				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mme. Rena Andreadis.						
MACHINERY											
SCOTT'S SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 70 L B C									
CYLINDERS: No. x DIAMETER				6 x 700 MM		STROKE		2320 MM		PROPULSION MODE	SCREW
DESIGN 7300				115 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION	NATURAL GAS TURBO DIESEL SUPERCHARGE
B.H.P. (service)											
Propeller(s): No. 1				RH LH: Dia 18.0 ft: pitch 14.29 mean ft: No. of blades 4		built solid		v.p.		material bronze.	
Shafting: intermediate shaft, tail shaft diameters:- 16 1/2 18 1/2 inches						fuel: diesel.					
Electric Generators: No. x type x K.W. each						2.50kW Steam. 1.50kW Diesel.		Voltage 110 d.c			
TRIAL INFORMATION											
Displacement		23630		Tons: Draught		30.08 ft: Cb		-0.747		Speed - 15.16 Knots	
B.H.P. 7400 R.P.M. 117.8.											
CONTRACT OUTCOME											
Invoice Price £ 871,157.					Net Profit £ 110,601.						
CAREER											
Initial Trade:											
Early 1986 - Sold to Eckhardt of Hamburg, as is, where is in Greece and scrapped in Spain or Turkey.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BORDER REGIMENT.		SHIP No	660	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Oil Tanker.	SHIP OWNER	Lowland Tanker Co. London.		ENGINE No	747	1953		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	515.0	69.5	37.5	30.02		11311	6400	22511	15950
CARGO CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS	No. of Masts	
747265	0.733	Clincher	STEEL			L.R.	4753	2	
DATES	Order 21 Feb. 1851		Keel Lay 7 Nov 1951		Launch 4 Nov 1952		Delivery 24 Mar 1953		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs W.J. Keswick.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67LB6							
CYLINDERS: No. x DIAMETER		6 x 670 MM		STROKE		2320 MM		PROPULSION MODE SCREW	
DESIGN B.H.P. (service)		6400		115 RPM		DESIGN SPEED 13 ³ / ₄ KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 18.0 ft: pitch 13.0 Mens. ft: No. of blades 4		built solid		v.p.		material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters:- 15 ³ / ₄ 17 ¹ / ₄ inches fuel: diesel.									
Electric Generators: No. x type x K.W. each 2 x 150 kw diesel 1 x 75 kw steam 1 x 40 kw diesel (emcy.) Voltage 110 d.c.									
TRIAL INFORMATION									
Displacement 21990 Tons: Draught 29.42 ft: Cb - 0.727 : Speed - 15.5 Knots.									
B.H.P. 6937. R.P.M. 118.45.									
CONTRACT OUTCOME									
Invoice Price £956152					Net Profit £63174.				
CAREER									
Initial Trade:									
1970 - Sold to Italian Owners as Fortuity									
1975 - Scrapped - South Korea.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. LADY DOROTHY.		SHIP No	658	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Oil Tanker.	SHIP OWNER	Evropa Steamship Co. Panama.		ENGINE No	745	1953.		
CB TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	525.0	69.75	39.17	30.23		11262	6671	23760	17648
CARGO CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
780519	0.747	Welded.	STEEL			L.R.	4496	2	
DATES	Order 22 Dec 1950		Keel Lay 3 Apr 1952		Launch 29 Apr 1953		Delivery 22 Sept 1953		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Hambro.				
MACHINERY									
SUPPLIER SCOTTS' S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 70 LB 6							
CYLINDERS: No. x DIAMETER		6 x 700 MM		STROKE		2320 MM		PROPULSION MODE SCREW	
DESIGN 7300		115 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE	
B.H.P. (Service)									
Propeller(s): No. 1		RH LH: Dia 18.0 ft: pitch 14.29 mean ft: No. of blades 4		built solid		v.p.		material mang bronze.	
Shafting: intermediate shaft, tail shaft diameters:-		16 1/2 18 3/4 inches		fuel: diesel					
Electric Generators: No. x type x K.W. each		2 - 50 kW steam 1 - 50 kW diesel		Voltage 110 d.c.					
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb - 0		Speed -		Knots	
B.H.P.		R.P.M.							
CONTRACT OUTCOME									
Invoice Price		£ 852 938		Net Profit		£ 770 21.			
CAREER									
Initial Trade:									
Early 1986. - Sold to Eckhardt of Hamburg, as is, where is in Greece and scrapped in Spain or Turkey.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
SCOTT'S S&E Co Ltd.	Oil Tanker	M.V. MARIETTA NOMIKOS	659	1954
		OWNER Hellenic Star Greek Maritime Co. Pireaus	ENGINE No 746	

CB.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	525.0	69.75	39.17	30.23		11576	6575	23760	17635
CARGO CAPACITY 250 tons	C _b	CONSTRUCTION	MATERIAL & P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
780519	0.747	Welded.	STEEL		L.R.	4496	2		
DATES	Order 7 Feb 1951			Keel Lay 28 Jul 1952	Launch 23 Sep. 1953		Delivery 19 Jan 1954		
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. Marietta Zonars				

MACHINERY

SCOTT'S SUPPLIER S&E CO.LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 70 LB 6			
CYLINDERS: No. x DIAMETER		6 x 700 MM	STROKE 2320 MM		PROPULSION MODE SCREW
DESIGN 7300 B.H.P. (Service)	115 RPM	DESIGN SPEED	15 KNOTS		ASPIRATION NATURAL <input checked="" type="checkbox"/> GAS TURBO <input type="checkbox"/> DIESEL SUPERCHARGE <input type="checkbox"/>
Propeller(s): No. 1 <input checked="" type="checkbox"/> RH		LH: Dia 18.0 ft: pitch 14.29 mean ft: No. of blades 4		built <input checked="" type="checkbox"/> solid	v.p. <input checked="" type="checkbox"/> : material <input checked="" type="checkbox"/> mang
Shafting: intermediate shaft, tail shaft diameters:- 16½ 18¾ inches				fuel: diesel	
Electric Generators: No. x type x K.W. each		2-50 k.w. steam 1-50 kw. diesel		Voltage 110 d.c	

TRIAL INFORMATION

Displacement	23630	Tons	Draught	30.08	ft	Cb	0.75	Speed	14.85	Knots
B.H.P.	7003	R.P.M.	114.8							

CONTRACT OUTCOME

Invoice Price	£ 873,699.	Net Profit	£ 57,617.
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CAREER

Initial Trade:

1967.- Sold to Yugoslavian owners as scrap.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. PATANI		SHIP No 663	DELIVERY YEAR			
SCOTTS' S&E Co Ltd.	General Cargo.	SHIP OWNER	Elder Dempster Lines: Liverpool		ENGINE No 751	1954.			
<div>CB.</div> <div>TECHNICAL INFORMATION</div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	425.0	60.0	38.0	26.05		6183	3312	14437	10147
BAL CAPACITY cu ft	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		DRYDOCK STEEL WEIGHT - TONS	No. of Masts
543812	0.74	Clincher	STEEL			L.R.		2891	2
DATES	Order 25 Apr 1951		Keel 29 May 1953		Launch 22 Apr 1954		Delivery 19 Aug 1954		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor			Mvs. A.E. Muirhead.	
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 56 LB 4							
CYLINDERS: No. x DIAMETER		4 x 560 MM		STROKE 2160 MM		PROPULSION MODE		SCREW	
DESIGN 2800		115 RPM		DESIGN SPEED		11½ KNOTS		ASPIRATION	
B.H.P.								NATURAL GAS TURBO DIESEL SUPERCHARGE	
Propeller(s): No. 1		RH		LH: Dia 15.42 ft: pitch 11.32 mean ft: No. of blades 4		built solid		v.p. : material mang. brange.	
Shafting: intermediate shaft, tail shaft diameters:- 13½ 15½ inches fuel: diesel									
Electric Generators: No. x type x K.W. each 2 x 40kW. Steam. Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		6644		Tons: Draught		13.8		ft: Cb - 0.675	
Speed - 12.96		Knots							
B.H.P. 2105		R.P.M. 114.9							
CONTRACT OUTCOME									
Invoice Price £632,594.					Net Profit £29,094.				
CAREER									
Initial Trade:									
31 st October 1972. - Sold to Globe Navigation Co. Hong Kong and renamed Patwari.									
1977 - Sold to Vertigo Shipping Co. Karachi.									
27 th January 1978 - Sold to Pakistani shipbreakers									
May 1978 - Demolition commenced at Gadani beach.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. NOWSHERA.			SHIP No 665	DELIVERY YEAR
Scotts S&E Co. Ltd. CB.	Cargo Liner.	SHIP OWNER	British India Steam Nav. Co. London			ENGINE No 753	1955
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	480.0	67.5	41.67	27.63		8516	3918
DISPLACEMENT				16590	Deadweight		
10250							
SALE CAPACITY Gross Tons	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
509916 + 27890 Frig	0.645	Clincher	Steel.		L.R.	3840	2
DATES	Order 4 Oct. 1951		Keel Lay	14 Oct 1953	Launch 18 Sept 1954	Delivery 25 Feb 1955	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Named by Mrs. W.R.G Semple. Sponsor Launched - Mrs Hilton.		
MACHINERY							
SUPPLIER	Scotts S&E Co. Ltd.		TYPE Pametrada Steam Turbines {h.p. + i.p. + l.p. in ip. & l.p. cyls.}				
GEARING	HP turbine ——— double reduction. I.P & L.P turbines ——— single reduction.				PROPULSION MODE Screws.		
SERVICE SHP 10250 DESIGN RPM 114	DESIGN SPEED 16.5 KNOTS DESIGN VACUUM INCHES Hg		CONDENSER COOLING SURFACE 10600 SQ. FT.				
No of Boilers: main 2 : aux -	TYPE B&W single pass header				Working Pressure & Temp 415 p.s.i. 750 °F		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface	Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no	: dia ft inches : length ft inches	
	Boiler Tubes: Diameter		inches : length ft		inches		
Watertube Boilers	Total Heating 14734 - Boilers Surface 2600 - Superh. Sq. Ft.		Combustion Space Volume.		cubic feet	Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 1 ✓ RH LH: Dia 18.5 ft: pitch 16.33 mean ft: No. of blades 4 built : solid ✓ v.p. : material mang. bronze.							
Shafting: intermediate shaft, tail shaft diameters :- 18 20 8 inches							
Electric Generators: No. x type x K.W. each 4 - 285 KW diesel. Voltage 220 - d.c.							
TRIAL INFORMATION							
Displacement 8480 Tons: Draught 15.67 ft: Cb - 0.583 : Speed - 18.01 Knots							
S.H.P. 8150 R.P.M. 119.5 Steam Pressure 457 p.s.i : & Temp. at Engine 761 °F : Vacuum 28.75 inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 1,421,424. Net Profit £ 116,891							
CAREER							
Initial Trade:							
17 Nov. 1964 - transferred to P&O as Baradine.							
1968 - back to BI as Nowshera.							
4 Jan 1974 - Sold to Arya National Shipping Lines Teheran. and renamed Arya Chehr.							
Jan 1976 - Arrived Shanghai for scrapping.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SPERVIK.		SHIP No 667	DELIVERY YEAR			
SCOTT'S S&E Co Ltd.	Oil Tanker	SHIP OWNER	Sandefjord Skiipsaksjeselskapet Spervik Norway		ENGINE No 755	1955			
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	510.0	69.0	37.0	29.43		11356	6378	23250	17371
CAPACITY CUBIC FEET	C _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
791311	0.782	Welded	STEEL			L.R.	4500	2	
DATES	Order 12 Sept 1951		Keel Lay 14 May 1954		Launch 20 Jun 1955		Delivery 18 Oct 1955		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl				Launch Sponsor Mrs. Martha Olsen.				
MACHINERY									
SCOTT'S SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LB 5.							
CYLINDERS: No. x DIAMETER		5 x 670 MM		STROKE 2320 MM		PROPULSION MODE SCREW			
DESIGN 5500 B.H.P. (Service)		110 RPM		DESIGN SPEED 13½ KNOTS		ASPIRATION NATURAL GAS TURBO DIESEL SUPERCHARGE			
Propeller(s): No. 1		RH LH: Dia 17.5 ft: pitch 13.28 mean ft: No. of blades 4		built solid		v.p.		material mang bronze	
Shafting: intermediate shaft, tail shaft diameters:- 16½ 18½ inches						fuel: diesel			
Electric Generators: No. x type x K.W. each 2 x 50 kW Steam 1 x 50 kW Diesel						Voltage 110 d.c.			
TRIAL INFORMATION									
Displacement 23230		Tons: Draught 29.42		ft: Cb - 0.78		: Speed - 14.26 Knots			
B.H.P. 5753		R.P.M. 112.4							
CONTRACT OUTCOME									
Invoice Price £ 968,188.					Net Profit £ 57623.				
CAREER									
Initial Trade:									
December 1966 - Owners O/Y Pulpships A/B Helsinki.									
1968 - named 'Mistral'									
1972 - 'St. Demetrius' - Asimi Maritime Piraeus.									
1973 - broken up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. CALTEX EDINBURGH		SHIP No	668	DELIVERY YEAR		
Scotts S & E Co. Ltd CB.	Oil Tanker.	SHIP OWNER	Overseas Tankships (UK) Ltd London		ENGINE No	756	1956.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	530.0	71.0	39.75	30.1		12492	7176	24463	18255
CARGO CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
876828	0.755	Carvel	Steel			L.R.	4798	1	
DATES	Order 22 Nov 1951		Keel Lay	14 Oct 1954		Launch 2 Nov 1955		Delivery 29 Jun 1956	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Howard B. Nichols.				
MACHINERY									
SUPPLIER		Scotts S & E Co. Ltd.						TYPE Pametrada Steam Turbines {h.p.+l.p. - both with astern turbines}	
GEARING Double Reduction.						PROPULSION MODE		Screw	
SERVICE SHP - 7500		DESIGN RPM - 100		DESIGN SPEED 14.5 KNOTS		CONDENSER COOLING SURFACE		10000 SQ. FT.	
No of Boilers: main 2 : aux -		TYPE Foster Wheeler 'D' type.				Working Pressure & Temp 600 p.s.i. 950 °F			
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft inches : length ft inches	
	Boiler Tubes: Diameter			inches : length ft		inches			
Watertube Boilers	Total Heating Surface 19710 Boiler 4600 Superheater 1320 Air heaters			Sq. Ft.		Combustion Space Volume.		cubic feet	
Propeller(s): No. 1		RH LH: Dia 19.75 ft: pitch 16.4 mean. ft:		No. of blades 4		built solid v.p.		material mang bronze.	
Shafting: intermediate shaft, tail shaft diameters :-								17 20 1/2 inches	
Electric Generators: No. x type x K.W. each								2 - 450 KW turbo 1 - 150 KW diesel. Voltage 440 60hz. a.c.	
TRIAL INFORMATION									
Displacement		24323 Tons		Draught 30.1 ft		Cb - 0.754		Speed - 15.74 Knots	
S.H.P. 8337 R.P.M. 102.4		Steam Pressure & Temp. at Engine		560 p.s.i. 940 °F		Vacuum		28.5 inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 1,398,998.				Net Profit £ 75,685.					
CAREER									
Initial Trade:									
1971 - Sold to a Korean scrapyard for further trading.									
Blown on to beach, subsequently repaired and entered service as 'Korea Edinburgh'.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S.: NYANZA.		SHIP No	DELIVERY YEAR	
Scott's S & E Co. Ltd. CB.	Cargo Liner	SHIP OWNER	British India Steam Nav. Co London		670	1956	
ENGINE No 58							
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	480.0	67.5	41.67	27.63		8513	3906
						Displacement	Deadweight
						16590	10220
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOLVED STEEL WEIGHT - TONS
5099 K + 27890 Frig	0645	Clincher	Steel			L.R.	3875
							No. of Masts
							2
DATES	Order 20 Jun 1952		Keel Lay 31 Mar 1955		Launch 13 Mar 1956		Delivery 22 Nov 1956
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. E.M. Goodman.		
MACHINERY							
SUPPLIER Scott's S & E Co Ltd.		TYPE Pametvada Steam Turbines {h.p.+i.p.+l.p. ^{steam turbines in} ip+l.p.cyls. }					
GEARING		HP Turbine — double reduction I.P. & L.P. Turbines — single reduction				PROPULSION MODE Screw.	
SERVICE SHP - 10250 DESIGN RPM - 114		DESIGN SPEED 16.5 KNOTS DESIGN VACUUM INCHES Hg		CONDENSER COOLING SURFACE 10600 SQ. FT.			
No of Boilers: main 2 : aux		TYPE B&W single pass header.				Working Pressure & Temp 475 p.s.i. 750 °p	
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches
	Boiler Tubes: Diameter		inches: length ft		inches		
Watertube Boilers	Total Heating Surface 14734-boilers. 2600-Suphrs Sq. Ft		Combustion Space Volume.		cubic feet	Fuel: Oil	Draught: Natural Forced ✓
Propeller(s): No. 1		RH LH: Dia 18.5 ft: pitch 1633 mean ft: No. of blades 4		built: solid		mang. : material bronze.	
Shafting: intermediate shaft, tail shaft diameters :- 18 20 5 inches							
Electric Generators: No. x type x K.W. each 4 - 285 KW diesel Voltage 220 d.c.							
TRIAL INFORMATION							
Displacement 8101 - Tons: Draught 15.08 ft: Cb - 0.58 : Speed - 20.67 Knots							
S.H.P. 12037 R.P.M. 129 Steam Pressure 448 p.s.i. : & Temp. at Engine 744 °F : Vacuum 28.8 Inches Hg							
CONTRACT OUTCOME							
Invoice Price £ 1,544,059				Net Profit £ 122,707			
CAREER							
Initial Trade:							
Nov 1964 - transferred to P&O as Balranald.							
1968 - back to BI as Nyanza.							
Mar. 1974 - Sold to Arya National Shipping Lines, Teheran.							
and renamed Arya Gol.							
Mar 1977 - Scrapped at Karachi.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. EGORI.		SHIP No	673	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	General Cargo.	SHIP OWNER	Elder Dempster Lines. Liverpool		ENGINE No	762	1957		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	465.0	64.0	36.0	27.75		8586	4558	16036	10541
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	ENGINE WEIGHT - TONS	No. of Masts	
542880	0.677	Clincher	STEEL			L.R.	3749	2	
DATES	Order 3 Nov. 1954		Keel Lay 27 Jul 1955		Launch 12 Jun 1956		Delivery 27 Feb 1957		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Lady Hobhouse.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		* SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT 67LBD6/S TYPE REVERSING OPPOSED PISTON OIL ENGINE (SUPERCHARGED)							
CYLINDERS: No. x DIAMETER		6 x 670 MM		STROKE 2320 MM		PROPULSION MODE SCREW			
DESIGN 6800 B.H.P. (service)		116 RPM		DESIGN SPEED 15 1/2 KNOTS		ASPIRATION NATURAL GAS TURBO V MECH SUPERCHARGE			
Propeller(s): No. 1		✓ RH LH: Dia 18.0 ft: pitch 14.75 mean ft: No. of blades 4		built solid ✓		v.p.		material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters: - 16 1/2 18 13/16 inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each 4 x 180 KW Diesel.						Voltage 225 d.c.			
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb - 0		Speed -		Knots	
B.H.P.		R.P.M.							
CONTRACT OUTCOME									
Invoice Price £ 1,225,812.				Net Profit - £ 8824.					
CAREER * (The main engine in Egori was the first commercial turbo charged)									
Initial Trade: (Doxford type main engine to enter service. - designated 67LBD6/S) (Maximum rating of this engine was 8000 BHP at 116 rpm.)									
1972 - Transferred to China Mutual Steam Nav. Co for one year voyage to the Far East. Reverted thereafter to E.D & Co.									
6 Sept. 1978 - Sold to Ali Khalifa Mirchandani Shipping Co, Kuwait and renamed 'Azza'.									
1979 - Sold to Li Chong Iron Works Co and arrived on 9th October for breaking up at Kaohsiung.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. ANGELOS LUSIS.		SHIP No	671	DELIVERY YEAR		
SCOTT'S S&E Co Ltd.	Oil Tanker	SHIP OWNER	Sociedad Carga Oceanica S.A. Panama		ENGINE No	759	1957		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	525.0	69.75	39.17	30.23		11630	6606	23804	17670
CARGO CAPACITY	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts	
780519	0.75	Carvel	STEEL			L.R.	4496	2	
DATES	Order 23 Jun 1952		Keel Lay 21 Nov. 1955		Launch 3 Dec 1956		Delivery 30 May 1957		
Passengers Carried	1st Cl. - 2nd Cl. - 3rd Cl. -				Launch Sponsor Mrs. A. Vernicos				
MACHINERY									
SCOTT'S SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 70 LBD 6							
CYLINDERS: No. x DIAMETER		6 x 700 MM		STROKE		2320 MM		PROPULSION MODE	SCREW
DESIGN 7300 B.H.P. (service)		115 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION	NATURAL GAS TURBO DIESEL SUPERCHARGE
Propeller(s): No. 1		RH LH: Dia 18.0 ft: pitch 14.29 mean ft: No. of blades 4		built solid		v.p.		material mang bronze	
Shafting: intermediate shaft, tail shaft diameters:- 16 1/2 18 3/16 inches								fuel: diesel.	
Electric Generators: No. x type x K.W. each								2 - 50kW Steam 1 - 50kW Diesel Voltage 110 d.c.	
TRIAL INFORMATION									
Displacement		23600 Tons		Draught 30.08 ft		Cb - 0.75		Speed - 15.54 Knots	
B.H.P. 7374		R.P.M. 117.2							
CONTRACT OUTCOME									
Invoice Price £ 1,147,011.-				Net Profit £ 70651.-					
CAREER									
Initial Trade:									
1975 - Scrapped.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	m.v. LEORD CODRINGTON.		SHIP No	675	DELIVERY YEAR		
SCOTT'S S&E Co Ltd.	General Cargo	SHIP OWNER	Norships Ocean Carriers. London.		ENGINE No	767	1958		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	460.0	62.5	40.08	30.0		9364	5295	17717	12947
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts	
634220	0.72	Clincher	STEEL			L.R. A.B.S.	3660	2	
DATES	Order 30 Mar 1955		Keel Lay 25 Jul 1956		Launch 14 Aug 1957		Delivery 15 Jan 1958		
Passengers Carried	1st Cl - - 2nd Cl - - 3rd Cl - -				Launch Sponsor Mrs. Z.B. Vlavianos.				
MACHINERY									
SCOTT'S SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 70 LBD 5							
CYLINDERS: No. x DIAMETER		5 x 700 MM		STROKE 2320 MM		PROPULSION MODE		SCREW	
DESIGN 5020 B.H.P. (service)		107 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION		NATURAL GAS TURBO MECH. SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 17.0 ft: pitch 15.25 mean ft: No. of blades 4		built solid		Unislip v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters:-				inches		fuel: heavy fuel.			
Electric Generators: No. x type x K.W. each						Voltage.			
TRIAL INFORMATION									
Displacement 8585		Tons: Draught 16.08 ft: C _b - 0.649		Speed - 16.34 Knots					
B.H.P. 6220		R.P.M. 114.2							
CONTRACT OUTCOME									
Invoice Price £987,934				Net Profit £59566.					
CAREER									
Initial Trade:									
1980 - was 'Cecilie Brovig'									
1983 - " 'Agia Varvara'									
1984 - " 'Felicity'									
June 1984 - broken up - Gadani Beach - Pakistan.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
SCOTT'S S & E Co. Ltd CB.	Oil Tanker	S.S. N. GEORGIS	676	1958
		Panama. Libra Compagnia Naviera S.A.	ENGINE No 768	

TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	535.0	72.0	41.83	31.8		13152	7580	26297	19726
CARGO CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
935709	0.752	Carvel	Steel.			L.R. A.B.S.	5279	1	
DATES	Order 9 Aug 1955			Keel Lay	12 Dec 1956	Launch 8 Jan 1958	Delivery 25 Jun 1958		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. V. Pappadakis.			

MACHINERY									
SUPPLIER Scott's S & E Co Ltd.			TYPE Pametrada Steam Turbines {h.p.+l.p. }						
GEARING - double reduction.						PROPULSION MODE Screw.			
Service SHP - 8650 DESIGN RPM - 100			DESIGN SPEED 15 KNOTS DESIGN VACUUM 28.5 INCHES Hg			CONDENSER COOLING SURFACE 9000 SQ. FT.			
No of Boilers: main 2 : aux -			TYPE B&W water integral tube furnace.				Working Pressure & Temp 530 p.s.i. 800 °p		
Cylindrical Boilers	Dimensions D x L			Total Heating Surface		Sq. Ft.		Total Grate Area	
	ft			Sq. Ft.		Sq. Ft.			
	Steam Space Volume			Furnaces : total no		: dia		: length	
	cubic feet			ft		inches		ft inches	
Boiler Tubes : Diameter			inches : length		ft		inches		
Watertube Boilers		Total Heating Surface		Combustion Space Volume.		cubic feet		Fuel Oil	
		11428 - boilers 1148 - superheaters 10800 - air heater Sq. Ft.						Natural Draught: Forced ✓	
Propeller(s) : No. 1 ✓ RH			LH: Dia 19.75 ft : pitch 16.833 ft : No. of blades 4			built : solid ✓		: material mang bronze	
Shafting : intermediate shaft, tail shaft diameters :- 17³/₄ 20¹/₂ inches									
Electric Generators : No. x type x K.W. each 2 - 750 KW Turbo 1 - 200 KW Diesel Voltage 440 60 hz a.c.									

TRIAL INFORMATION											
Displacement		26050		Tons : Draught		31.5		ft : Cb - 0.752		: Speed - 15.77 Knots	
S.H.P. 8552		R.P.M. 99.0		Steam Pressure		495 psi		: Vacuum		28.9 inches Hg	
				: & Temp. at Engine		815 °F					

CONTRACT OUTCOME									
Invoice Price	£ 1,641,467.				Net Profit	£ 99,100			

CAREER									
Initial Trade:									
Scrapped - 1975. - by Spanish Shipbreakers									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. DARU.		SHIP No	679	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	General Cargo.	SHIP OWNER	Elder Dempster Lines. Liverpool		ENGINE No	771	1958		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	430.0	62.0	39.0	27.0		6340	3385	14441	9970
SALA CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts	
564759	0.70	Clincher	STEEL		-	L.R.	3333	2	
DATES	Order 12 Dec. 1956		Keel Lay 22 May 1957		Launch 10 Apr. 1958		Delivery 11 Sept 1958		
Passengers Carried	1st Cl -		2nd Cl -		3rd Cl -		Launch Sponsor Mrs. Harrison.		
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT REVERSING OPPOSED PISTON OIL ENGINE 67 LBD 5							
CYLINDERS: No. x DIAMETER		5 x 670 MM		STROKE 2320 MM		PROPULSION MODE		SCREW	
DESIGN 4700		RPM		DESIGN SPEED		14 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE	
B.H.P. (Service)									
Propeller(s): No. 1		RH LH: Dia 17.5 ft: pitch 13.46 mean ft: No. of blades 4		built solid		v.p.		material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters:- 14½ 17½ inches						fuel: heavy oil			
Electric Generators: No. x type x K.W. each 4 x 165 KW Diesel						Voltage 220 v.d.c.			
TRIAL INFORMATION									
Displacement 7219		Tons: Draught 14.83		ft: Cb - 0.638		Speed - 16.41		Knots	
B.H.P. 4898		R.P.M. 115.5.							
CONTRACT OUTCOME									
Invoice Price £ 1,149,477				Net Profit £ 91751.					
CAREER									
Initial Trade: West Africa.									
November 1965 - renamed Yoma for potential UK-Burma service.									
February 1966 - on Guinea Gulf line service.									
20 th April 1979 - sold to Soc. Maritime, Liberia for \$ 575,000.									
and renamed Lone Eagle.									
11980 - sold to Venture Co. Inc., Panama - renamed Anjo One									
1982 - sold to Pakistani breakers for \$ 105,000.									
14 th February 1982 - Arrived Karachi for scrapping by Waheed Bros.									
8 th September 1982 - Work commenced.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. QUEDA.		SHIP No	677	DELIVERY YEAR
SCOTT'S S & E Co. Ltd. CB	Oil Tanker	SHIP OWNER	British India Stm. Nav. Co. London.		ENGINE No	769	1959
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	534.0	71.67	39.33	30.13		13252	7312
							Displacement
							25779
							Deadweight
							19042
CARGO CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
905891	0.78	Part Carvel Part Clincher	Steel		L.R.	5157	2
DATES	Order 12 Aug 1955		Keel Lay 4 Sept 1957	Launch 14 Aug 1958		Delivery 2 Mar 1959	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -			Launch Sponsor Mrs. T.W. Cree.			
MACHINERY							
SUPPLIER		Scott's S & E Co. Ltd. TYPE Pametvada Steam Turbines {h.p.+l.p. }					
GEARING: Double Reduction.					PROPULSION MODE Screw.		
SERVICE SHP 8000		DESIGN RPM 100		DESIGN SPEED 14.5 KNOTS		CONDENSER COOLING SURFACE 8300 SQ. FT.	
				DESIGN VACUUM 28 INCHES Hg			
No of Boilers: main 2 : aux -	TYPE B&W water integral tube furnace			Working Pressure & Temp 530 p.s.i. 800 °F			
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft inches: length ft inches
	Boiler Tubes: Diameter		inches: length ft		Total Grate Area		Sq. Ft.
Watertube Boilers	Total Heating Surface		11428 - Boilers 1148 - Subtotal 10800 - air heaters		Combustion Space Volume.		cubic feet
Fuel: Oil		Draught: Natural		Forced ✓			
Propeller(s): No. 1		RH LH: Dia 19.75 ft: pitch 15.833 ft: No. of blades 4		built: solid ✓		Navaston material	
Shafting: intermediate shaft, tail shaft diameters:-							17½ 20½ inches
Electric Generators: No. x type x K.W. each							2-550 Kw turbo. 1-200 Kw diesel. Voltage 440 60hz. a.c.
TRIAL INFORMATION							
Displacement		25070 Tons: Draught		29.5 ft: Cb - 0.778		Speed - 15.35 Knots	
S.H.P. 8365 R.P.M. 102.6		Steam Pressure		520 p.s.i. 800 °F		Vacuum 28.7 Inches Hg	
CONTRACT OUTCOME							
Invoice Price £ 1,863.923				Net Profit £ 164,701.			
CAREER							
Initial Trade:							
14 July 1969 - Sold to Morland Navigation Co. Liberia & renamed 'St Michael'							
1971 - Peruvian owners; renamed 9 de Octubre, and							
1974 - converted to LNG carrier.							
Sept 1981 - stripped of usable parts at Callao & scrapped.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	m.v. LORD GLADSTONE.		SHIP No	680	DELIVERY YEAR		
SCOTT'S S&E Co Ltd.	General Cargo.	SHIP OWNER	Norships Ocean Carriers. London		ENGINE No	772	1959		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	488.0	67.25	42.25	31.3		11298	6574	21232	15552
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	STEEL WEIGHT - TONS	No. of Masts	
829069	0.72	Clincher	STEEL			L.R. & A.B.S	4368	4	
DATES	Order 8 Dec 1955		Keel Lay 30 Jan 1958		Launch 25 Feb 1959		Delivery 18 Jun 1959		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. M.E. Lentakis.				
MACHINERY									
SCOTT'S SUPPLIER S&E CO. LTD. -		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LBD 6/Supchgd.							
CYLINDERS: No. x DIAMETER		6 x 670 MM		STROKE		2320 MM		PROPULSION MODE	SCREW
DESIGN 7200 B.H.P. (Service)		110 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION	NATURAL GAS TURBO DIESEL SUPERCHARGE
Propeller(s): No. 1		RH LH: Dia 18.25 ft: pitch 16.13 mean ft: No. of blades 4.		built solid		v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters:- 16 ⁷ / ₈ 20 ⁹ / ₁₆ inches fuel: heavy oil.									
Electric Generators: No. x type x K.W. each 4 x 175 KW Diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 9320		Tons: Draught 15.46		ft: C _B - 0.639		Speed - 17.98		Knots.	
B.H.P. 8747		R.P.M. 117.1							
CONTRACT OUTCOME									
Invoice Price £ 1,332,779.		Net Profit £ 121,125.							
CAREER									
Initial Trade:									
November 1971 - renamed N. Zographia.									
October 1975 - sold to Greek Owners.									
1983 - Maldiva Shipping Co - as 'Maldiva-Privilege'									
1984 - 'Dynasty Huva'									
September 1984 - Broken up - Chittagong, Bangladesh.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.S. QUILOA.		SHIP No 678	DELIVERY YEAR					
SCOTTS S & E Co. Ltd CB	Oil Tanker	SHIP OWNER	British India Steam Nav. Co. London		ENGINE No 770	1960					
TECHNICAL INFORMATION											
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight		
	534.0	71.67	39.33	30.13		13113	7341	25779	19026		
CARGO CAPACITY in tons	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		HYDRO- STEEL WEIGHT - TONS	No. of Masts		
905891	0.78	Part Carvel Part Clincher	Steel.			L.R.		5138	2		
DATES	Order 12 Aug 1955		Keel Lay 27 Aug 1958		Launch 3 Nov 1959		Delivery 24 Mar 1960				
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. W.H. Brown.						
MACHINERY											
SUPPLIER		Scotts S & E Co. Ltd									
		TYPE Pametvada Steam Turbines } h.p. + l.p.									
GEARING Double Reduction.						PROPULSION MODE Screw.					
SERVICE SHP - 8660 DESIGN RPM - 100				DESIGN SPEED 14.5 KNOTS DESIGN VACUUM 28 INCHES Hg		CONDENSER COOLING SURFACE 8300 SQ. FT.					
No of Boilers: main 2 : aux -		TYPE B&W water integral tube furnace.				Working Pressure & Temp 530 p.s.i. 800 °p					
Cylindrical Boilers	Dimensions D x L			ft		Total Heating Surface		Sq. Ft.		Total Grate Area	Sq. Ft.
	Steam Space Volume			cubic feet		Furnaces: total no		: dia ft		: length ft inches	
	Boiler Tubes: Diameter			inches		: length ft		inches			
Watertube Boilers	Total Heating Surface			11428 - boilers 1148 - subp. tubes 10800 - air heaters Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel - Oil	Natural Draught: Forced ✓
Propeller(s): No. 1 ✓ RH LH: Dia 19.75 ft: pitch 15.833 ft: No. of blades 4 built: solid ✓ Novogton material											
Shafting: intermediate shaft, tail shaft diameters:- 17½ - 20½ inches											
Electric Generators: No. x type x K.W. each 2 - 550 kw turbo 1 - 200 kw diesel Voltage 440 Co hz. a.c.											
TRIAL INFORMATION											
Displacement 25190 Tons: Draught 29.52 ft: Cb - 0.777 : Speed - 15.695 Knots											
S.H.P. 8667 R.P.M. 103.5 : Steam Pressure 544 p.s.i. & Temp. at Engine 838 °F : Vacuum 28.1 Inches Hg											
CONTRACT OUTCOME											
Invoice Price £ 1,859,918.						Net Profit £ 201,170.					
CAREER											
Initial Trade:											
26 Mar 1968 - Ownership transferred from N.Z. S.S. Co. to B.I.S.N. Co.											
1 Oct 1969 - Transferred to Trident Tankers.											
1972 - Sold to Pandora Shipping Co. Cyprus & renamed 'Michael'											
1974 - Sold to Panamanian owners and renamed 'Great Justice'											
12 Feb 1977 - Arrived Kaohsiung for scrapping.											

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. DUNKWA.		SHIP No	685	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	General Cargo.	SHIP OWNER	Elder Dempster Lines Liverpool		ENGINE No	777	1960		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	430.0	63.0	38.5	26.1		6109	3195	14088	9572
BALL CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		HYDROD. STEEL WEIGHT - TONS	No. of Masts
577566	0.695	Port Carvel Port Clincher	STEEL			L.R.		3215	2
DATES	Order 26 Nov 1956		Keel Lay 16 Mar 1959		Launch 19 Jan 1960		Delivery 2 May 1960		
Passengers Carried	1st Cl — 2nd Cl — 3rd Cl —				Launch Sponsor Hon. Mrs. J. Baring.				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67LBD4/Supchgd.							
CYLINDERS: No. x DIAMETER		4 x 670 MM		STROKE 2320 MM		PROPULSION MODE		SCREW	
DESIGN 5000 B.H.P. (Service)		110 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION		NATURAL GAS TURBO DIESEL SUPERCHARGE	
Propeller(s): No. 1		RH LH: Dia 17.0 ft: pitch 14.67 mean ft: No. of blades 4		built solid v.p.		material		Nickelium	
Shafting: intermediate shaft, tail shaft diameters:- 16 1/2 18 1/2 inches fuel: heavy fuel.									
Electric Generators: No. x type x K.W. each 4 x 200 Kw. Diesel Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement 7013		Tons: Draught 14.5		ft: Cb - 0.634		Speed - 16.75 Knots			
B.H.P. 4890 R.P.M. 115.1.									
CONTRACT OUTCOME									
Invoice Price £ 1,265,073.					Net Profit £ 100,352				
CAREER									
Initial Trade: West Africa.									
1981 - Sold to Clare Shipping Corpn: Greece - renamed 'Clare'.									
- sustained engine damage.									
sold - as - lying - to Resolve Maritime Ltd Panama and									
renamed 'Resolve'.									
28 th Mar. 1983 - sold to Pakistan shipbreakers, Elahi Ltd, - arrived									
at Gadani Beach.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. IRON HORSE	SHIP No 682	DELIVERY YEAR
SCOTTS' S&E Co Ltd.	Ore Carrier.	SHIP OWNER	Vallum Shipping Co. London.	ENGINE No 774	1960

CB.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	485.0	68.75	36.25	28.76		11128	5654	21312	15892
SALE CAPACITY DWT	C _B	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
469320	0.776	Clincher		STEEL			L.R.	4614	2
DATES	Order 9 Aug 1956			Keel 31 Jul 1959 Lay		Launch 11 May 1960		Delivery 5 Sep. 1960	
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -						Launch Sponsor Mrs. J.W. Cowper.			

MACHINERY

SCOTTS' SUPPLIER S&E CO.LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LBD 4			
CYLINDERS: No. x DIAMETER		4 x 670 MM	STROKE 2320 MM		PROPULSION MODE SCREW
DESIGN 3800 B.H.P. (service)	102 RPM	DESIGN SPEED	11½ KNOTS		ASPIRATION NATURAL ✓ OAS TURBO MEOX SUPERCHARGE
Propeller(s): No. 1 ✓ RH LH: Dia 17.0 ft: pitch 11.5 mean ft: No. of blades 4		built : solid ✓ : v.p.		Novoslon : material	
Shafting: intermediate shaft, tail shaft diameters: - 26¼ 20⅝ inches				fuel: heavy oil.	
Electric Generators: No. x type x K.W. each 3 x 210 KW. Diesel				Voltage 220 d.c.	

TRIAL INFORMATION

Displacement	14790	Tons : Draught	20.5	ft : Cb	- 0.753	: Speed	- 14.35 Knots
B.H.P.	4426	R.P.M.	117.6				

CONTRACT OUTCOME

Invoice Price	£ 1,237,071.	Net Profit	£ 152,585.
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CAREER

Initial Trade:

April 1973 - Owned by Empros. S.S. Co - renamed 'Aspidoforos'.

Nov 1984 - Broken up - Aliaga, Turkey.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. IRON CROWN.		SHIP No	683	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Ore Carrier	SHIP OWNER	Vallum Shipping Co. London		ENGINE No	775	1961		
<div>CB</div> <div>TECHNICAL INFORMATION</div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	485-0	68-75	36-25	28-76		11125	5649	21312	15912
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masu
469320	0.776	Clincher	STEEL			L.R.		4614	2
DATES	Order 9 Aug 1956			Keel Lay 26 Nov 1959	Launch 21 Nov. 1960		Delivery 19 Jan 1961		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. J.H. Keswick				
MACHINERY									
SCOTTS' SUPPLIER S&E CO. LTD.			SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE 67 LBD 4						
CYLINDERS: No. x DIAMETER			4 x 670 MM		STROKE 2320 MM		PROPULSION MODE SCREW		
DESIGN 3800 B.H.P. service			102 RPM		DESIGN SPEED 11½ KNOTS		ASPIRATION NATURAL GAS TURBO DIESEL SUPERCHARGE		
Propeller(s): No. 1			✓ RH LH: Dia 17-0 ft: pitch 11-5 mean ft: No. of blades 4			built solid ✓		Novoston material	
Shafting: intermediate shaft, tail shaft diameters:- 26¼ 20⅝ inches						fuel: heavy oil			
Electric Generators: No. x type x K.W. each 3 x 210 kW Diesel						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement 14896		Tons: Draught 20.75		ft: Cb - 0.754		Speed - 14.44 Knots			
B.H.P. 4564 . R.P.M. 117.0 .									
CONTRACT OUTCOME									
Invoice Price £ 1,195,832					Net Profit £ 195,506.				
CAREER									
Initial Trade:									
1980 - with Lansdowne Shipping Co. Piraeus as 'Jeannie'									
1986 - became 'Amesa Dyo'									
May 1986 - broken up - Gadani Beach, Pakistan.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. DEIDO		SHIP No	686	DELIVERY YEAR	1961
SCOTTS' S&E Co Ltd.	General Cargo.	SHIP OWNER	Eldev Dempster Lines' Liverpool.		ENGINE No	778		50
CB. TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	430.0	63.0	38.5	26.1		6109	3194	14088
DEADWEIGHT	9598							
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
577935	0.695	Clincher	STEEL			L.R.	3215	2
DATES	Order 24 May 1958		Keel Lay 12 Feb 1960		Launch 1 Feb 1961		Delivery 21 Apr 1961	
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. J. Evelyn.			
MACHINERY								
SCOTTS' SUPPLIER S&E CO. LTD.		SCOTT DOXFORD TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING OPPOSED PISTON OIL ENGINE						
CYLINDERS: No. x DIAMETER		4 x 670 MM		STROKE 2320 MM		PROPULSION MODE SCREW		
DESIGN 5000 B.H.P. (service)		110 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION NATURAL GAS TURBO DIESEL SUPERCHARGE		
Propeller(s): No. 1		✓ RH LH: Dia 16.75 ft: pitch 14.58 mean ft: No. of blades 4		built: solid ✓ v.p.		Nikalium material		
Shafting: intermediate shaft, tail shaft diameters :- 16½ 18½ inches						fuel: heavy oil.		
Electric Generators: No. x type x K.W. each 4 x 200 KW. Diesel						Voltage 220 d.c.		
TRIAL INFORMATION								
Displacement		7050 Tons		Draught 14.54 ft		Cb - 0.636		Speed - 17.04 Knots
B.H.P. 5661		R.P.M. 118.0						
CONTRACT OUTCOME								
Invoice Price £ 1,232,679.				Net Profit £ 129,767.				
CAREER								
Initial Trade:								
29 January 1979. - Sold for \$ 660,000 to National Glory Cia. Nav. S.A.								
Athens - renamed San Georgios III								
1980 - Transferred to Canopus Shipping Co. Greece and renamed Agios Georgios III.								
1982 - 1985 - laid up at Piraeus.								
October 1986 - Broken up Aliaga Turkey.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. FOURAH BAY.		SHIP No	689	DELIVERY YEAR		
SCOTTS' S&E Co Ltd.	Geneval Cargo	SHIP OWNER	Elder Dempster Lines Liverpool.		ENGINE No	781		1961	
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	430.0	62.0	36.0	25.17		7453	4177	12629	8139
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	ENGINE WEIGHT - TONS	No. of Masts	
457889	0.658	Part Carvel Part Clincher	STEEL			L.R.	2986	3	
DATES	Order 4 Apr 1960		Keel Lay 10 Feb 1961		Launch 7 Sept 1961		Delivery 22 Dec 1961		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. Paine				
MACHINERY									
SUPPLIER Sulzer Bros. Switzerland.		TYPE SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 5RD76							
CYLINDERS: No. x DIAMETER		5 x 760 MM		STROKE		1550 MM		PROPULSION MODE	SCREW
DESIGN 6560 B.H.P. (service)		114 RPM		DESIGN SPEED		16 KNOTS		ASPIRATION	NATURAL GAS TURBO DIESEL SUPERCHARGE
Propeller(s): No. 1		VRH LH: Dia 16.92 ft: pitch 14.26 Min		15.91 Max 14.26 Min		ft: No. of blades 4		built: solid ✓	: v.p. : material Nikalium.
Shafting: intermediate shaft, tail shaft diameters :- 16½ 18½ inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each .. 4 x 200 KW Diesel .						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement		7229 Tons		Draught 15.75 ft		Cb - 0.604		Speed - 18.15 Knots	
B.H.P. 6760		R.P.M. 118.9							
CONTRACT OUTCOME									
Invoice Price £ 1,258,863.					Net Profit £ 74,144.				
CAREER									
Initial Trade: West Africa .									
5th January 1978. - Sold to Xoces (Mexican National Line) Bermuda and renamed Magda Josefina .									
June 1980 - Sold (with Leonora Maria - ex Falaba) for £550,000 to Faith Shipping Co., Navarino Shipping & Transport Co Greece and renamed 'Alexander's Faith'.									
5th October 1983 - Sold to Lemina Marine Co., Cyprus, renamed 'Lemina'									
3rd March 1984 - Sold to Abdul Aziz Noor Mohamed for scrap.									
18th March 1984 - Arrived Gadani Beach Pakistan for breaking up.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. FALABA		SHIP No	690	DELIVERY YEAR		
SCOTT'S S&E CO. LTD.	General Cargo	SHIP OWNER	Elder Dempster Lines Liverpool		ENGINE No	782	1962		
<div>CB</div> <div>TECHNICAL INFORMATION</div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	430.0	62.0	36.0	25.17		7703	4215	12629	8134
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
457638	0.658	Part Carvel Part Clincher	STEEL			L.R.	2992	3	
DATES	Order 4 April 1960		Keel 12 May 1961 Lay		Launch 16 Jan 1962		Delivery 11 May 1962		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Miss Hilary Muirhead.				
MACHINERY									
SUPPLIER	SCOTT'S S&E CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 5 RD 76						
CYLINDERS: No. x DIAMETER			5 x 760 MM		STROKE 1550 MM		PROPULSION MODE SCREW		
DESIGN B.H.P.	6560 (service)		114 RPM		DESIGN SPEED 16 KNOTS		ASPIRATION NATURAL GAS TURBO <input checked="" type="checkbox"/> MECH. SUPERCHARGE		
Propeller(s): No. 1			RH LH: Dia 16.92 ft: pitch 14.26 Min ft: No. of blades 4		built: solid <input checked="" type="checkbox"/> : v.p		Nikolium material		
Shafting: intermediate shaft, tail shaft diameters: - 16 1/2 18 3/16 inches fuel: heavy oil.									
Electric Generators: No. x type x K.W. each 4 x 200 KW Diesel. Voltage 220 d.c.									
TRIAL INFORMATION									
Displacement		7303 Tons		Draught 15.88 ft		Cb - 0.604		Speed - 18.09 Knots	
B.H.P. 6657 R.P.M. 118.9.									
CONTRACT OUTCOME									
Invoice Price £ 1,235,437.					Net Profit £ 79927.				
CAREER									
Initial Trade:									
6 th January 1978. - Sold to Europa (Mexican National Line) - renamed Leonar Maria.									
June 1980 - Sold (with Magda Josefina - ex Fourah Bay for £ 597,000 to Trust Shipping Co. Greece and renamed Alexander's Trust.									
1983 - Sold to Palmdale Nav. Co., Cyprus and renamed City of Zug.									
26 th September 1984 - Sold for demolition at Chittagong by Nwuil Hague and Bros - work commenced 4 th October 1984									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M. S/M OTTER	SHIP NO 687	DELIVERY YEAR
Scotts S&E Calh CB	Submarine	SHIP OWNER	Ministry of Defence	ENGINE NO 779	1962

TECHNICAL INFORMATION

DIMENSIONS feet.	Length	Beam	Depth	Draught	Displacement -Tons.		Max. Speed. K	
	241.0 b.p.	26.5	20.5	18.0	Surface	Submerged	Surface	Submerged
Block Coefficient.	Submerged 0. Surface 0.		Invoiced Steel Weight.	950 tons	2030	2410	17.0	12.0
Dates.	Order : 29 Aug 1958		Keel Lay : 14 Jan 1960		Launch : 15 May 1961		Delivery : 3 Sept. 1962	
DIESEL GENERATOR SETS (2)	ASRI - 16VMS 4 stroke single acting type, 9 $\frac{3}{4}$ " bore, 10 $\frac{1}{2}$ " stroke, engines mechanically supercharged, each developing 1840 bhp at 920 rpm, and coupled to 1280 K.W. generators.							
MAIN MOTORS.	2 electric propulsion motors, each developing 3000 shp. (max) at 400 r.p.m.							
BATTERIES.	2 batteries totalling 448 cells.							
PROPELLERS.	No:- 2 \sqrt{RH} . \sqrt{LH} . Dia:- 7.0 ft. : Pitch 6.2 ft : N° of blades 3 : material - bronze.							
SHAFTING.	Prop. Shaft - (7 - 4 $\frac{1}{2}$) inches diameter (hollow).							

TRIAL INFORMATION.

Displacement.	Tons:	Draught	ft.:	Speed -	Knots.
B.H.P.	R.P.M.				

CONTRACT OUTCOME.

Invoice Price £ 1,622,925.	Net Profit. £ 345,422.
CAREER.	Launched by Mrs. M.A. Sinclair Scott. wife of Company Chairman.

April 1992 - Available for disposal.

June 1992 - Sold to Pound, Portsmouth for scrap.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. KAPETAN GEORGIS				SHIP No	DELIVERY YEAR	
SCOTTS' S&E Co Ltd.	Bulk Carrier	SHIP OWNER	Virgo Steamship Co. Panama.				ENGINE No 784	1963	
CB TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	570.0	82.5	47.25	33.4		18514	11628	35749	28480
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
1332776	0.795	Carvel.	STEEL			L.R.	6326	1	
DATES	Order 16 Oct 1961			Keel Lay 8 Feb 1962	Launch 13 Nov 1962		Delivery 27 Feb 1963		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor George & Alex. Andreadis.				
MACHINERY									
SUPPLIER SCOTTS' S&E CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD 76							
CYLINDERS: No. x DIAMETER		6 x 760 MM		STROKE 1550 MM		PROPULSION MODE		SCREW	
DESIGN 8500 B.H.P. (Service)		115 RPM		DESIGN SPEED 14 KNOTS		ASPERATION		NATURAL GAS TURBO DIESEL SUPERCHARGE	
Propeller(s): No. 1		✓RH LH: Dia 18.25 ft: pitch 14.13 mean ft: No. of blades 4		built: solid ✓: v.p		material: mang.		bronz.	
Shafting: intermediate shaft, tail shaft diameters :- 18 $\frac{3}{4}$ 20 $\frac{3}{4}$ inches						fuel: heavy fuel...			
Electric Generators: No. x type x K.W. each 3 x 300 kW Diesel.						Voltage 220 d.c.			
TRIAL INFORMATION									
Displacement		18300 Tons		Draught 18.2 ft		Cb - 0.749		Speed - 16.02 Knots	
B.H.P. 7940 R.P.M. 122.95.									
CONTRACT OUTCOME									
Invoice Price £1,410,681.					Net Profit £146,212.				
CAREER									
Initial Trade:									
18 th April 1986 - Arrived at Beilun for scrapping.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SIMANDOU.		SHIP No	694	DELIVERY YEAR		
SCOTTS' S&E CO. LTD.	Bulk Carrier	SHIP OWNER	E.N.T.R.A.T Conakry, Guinea		ENGINE No	786	1963		
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	470.0	66.77	39.0	28.47		10764	6064	19970	15290
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		DRY DOCK WEIGHT - TONS	No. of Masts
693098	0.781	Carvel	STEEL			L.R.		3640	3
DATES	Order 21 Mar 1962			Keel Lay 17 Oct 1962	Launch 26 Mar 1963		Delivery 28 Jun 1963		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mme Sekou Toure' wife of President of Guinea.				
MACHINERY									
SUPPLIER SCOTTS' S&E CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD 68							
CYLINDERS: No. x DIAMETER		6 x 680 MM		STROKE		1250 MM		PROPULSION MODE	SCREW
DESIGN 5918 B.H.P. (Service)		131 RPM		DESIGN SPEED		14 KNOTS		ASPIRATION	NATURAL GAS TURBO ✓ HIGH ALTITUDE
Propeller(s): No. 1		✓ RH LH: Dia 15.75 ft: pitch 12.55 mean ft: No. of blades 4		built solid ✓		: v.p		: material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters :- 15 17 ⁵ / ₈ inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each 3 x 235 KW. Diesel.						Voltage 440 d.c.			
TRIAL INFORMATION									
Displacement		10240 Tons		Draught		15.25 ft		Cb - 0.744 : Speed - 15.77 Knots	
B.H.P. 6498 R.P.M. 136.02.									
CONTRACT OUTCOME									
Invoice Price £ 1,330,462.				Net Profit £ 121,370.					
CAREER									
Initial Trade:									
1982 - Owned by Parthenon Shipping Co, Piraeus - renamed 'Athena'.									
3rd May 1983 - Stranded in the Red Sea - refloated, towed to Piraeus, Laid up and later towed to Split.									
June/Sept 1984 - Broken up.									

[illegible]

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. GRAIGWERDD.		SHIP No	696	DELIVERY YEAR		
SCOTT'S S&E Co Ltd.	Bulk Carrier.	SHIP OWNER	Graig Shipping Co. Cardiff.		ENGINE No	789	1964		
CB									
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	570.0	82.5	47.25	33.4		18617	11397	35749	28370
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	ENGINE WEIGHT - TONS	No. of Masts	
1264123	0.795	Carvel	STEEL			L.R.	6386	2	
DATES	Order 24 Jun 1963		Keel Lay 10 Sept 1963		Launch 26 May 1964		Delivery 22 Aug 1964.		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs Desmond Iduel Williams :				
MACHINERY									
SUPPLIER SCOTT'S S&E CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD 76							
CYLINDERS: No. x DIAMETER		6 x 670 MM		STROKE 1550 MM		PROPULSION MODE SCREW			
DESIGN B500 B.H.P. (service)		115 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION NATURAL OIL TURBOV. HIGH SUPERCHARGE			
Propeller(s): No. 1		✓ RH LH: Dia 18.25 ft: pitch 13.5 mean. ft: No. of blades 4		built solid		: v.p		: material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters :-		18 1/2 20 9/16 inches		fuel: heavy oil					
Electric Generators: No. x type x K.W. each		3 x 350 KW Diesel (emer)		Voltage 440 3ph		60 Hz			
TRIAL INFORMATION									
Displacement 18100 Tons		Draught 18.13 ft: Cb - 0		: Speed - 15.84 Knots					
B.H.P. 8165 R.P.M. 121.65									
CONTRACT OUTCOME									
Invoice Price £ 1,314,330				Net Profit £ 82120.					
CAREER									
Initial Trade:									
Later: Anthony. (1974)									
Epta Dafnes									
Lillian									
1985 - Sold for demolition in China.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. EURYALUS.		SHIP No	691	DELIVERY YEAR		
Scotts S&E Co. Ltd. CB	R. N. Leander Frigate.	SHIP OWNER	Ministry of Defence.		ENGINE No	783	1964		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	370.0 <small>overall</small>	41.0	28.25	13.75 <small>deep</small>		-	-	2860	-
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts
	0.49	-	Steel		-	-		-	-
DATES	Order 22 Dec. 1960		Keel Lay 2 Nov 1961		Launch 6 Jun 1963		Delivery 18 Sept 1964.		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Bingley.				
MACHINERY									
SUPPLIER		SCOTT'S S&E Co. Ltd. TYPE Y100 single cylinder steam turbines.							
GEARING						double reduction locked train gearing.			
TOTAL SHP						DESIGN SPEED		PROPULSION	
DESIGN RPM 30,000 at 230 rpm.						28 KNOTS		Twin Screw.	
DESIGN VACUUM						INCHES Hg		CONDENSER	
No of Boilers: main 2 : aux -						TYPE B&W		COOLING SURFACE 6288 SQ. FT.	
Integral Furnace						Working		Pressure & Temp 550 p.s.i. 950 °F	
Controlled Superheat.									
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.		Total Grate Area
	-		-		-		-		Sq. Ft.
	Steam Space Volume		cubic feet		Furnaces: total		no		: dia - ft - inches: length - ft - inches
Boiler Tubes: Diameter		inches: length		ft		-		inches	
Watertube Boilers	Total Heating Surface		Sq. Ft.		Combustion Space		cubic feet		Fuel-Oil.
								Natural Draught: Forced <input checked="" type="checkbox"/>	
Propeller(s): No. 2 <input checked="" type="checkbox"/> RH <input checked="" type="checkbox"/> LH: Dia 12.0 ft: pitch 17.67 ft: No. of blades 5 built solid <input checked="" type="checkbox"/> : material bronze.									
Shafting: intermediate shaft, tail shaft diameters :- (13 - 9) (14.25 - 10.25) inches									
Electric Generators: No. x type x K.W. each 2 x 500 KW diesel 2 x 500 KW steam turbo Voltage 440 60 hz. a.c.									
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb - 0		: Speed - 29.5 Knots			
S.H.P.:		R.P.M. 229.0		Steam Pressure 550 p.s.i. of		: Vacuum		Inches Hg	
CONTRACT OUTCOME									
Invoice Price £ 2,980,532.					Net Profit £ 9287.				
CAREER									
Initial Trade:									
January 1989 - Offered for sale.									
Purchased by D.M.L. Devonport.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BRITISH MONARCH.		SHIP No 700	DELIVERY YEAR			
SCOTTS' S&E Co Ltd.	Bulk Carrier.	SHIP OWNER	Scotts S & E Co Ltd. Greenock		ENGINE No 793	1965			
CB. TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	570.0	82.5	47.25	33.4		18616	11726	35749	28435
SALE CAPACITY DWT	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		HYDRO STEEL WEIGHT - TONS	No. of Masts
1264123	0.80	Carvel	STEEL			L.R.		5982	2
DATES	Order 13 Sept 1963		Keel 13 Jan 1964		Launch 22 Sep. 1964		Delivery 15 Jan 1965		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. M.A. Sinclair Scott.				
MACHINERY									
SUPPLIER SCOTTS' S&E CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6RD90							
CYLINDERS: No. x DIAMETER				6 x 900 MM		STROKE 1550 MM		PROPULSION MODE SCREW.	
DESIGN 10500 B.H.P. (service)		108 RPM		DESIGN SPEED		14 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 19.5 ft: pitch 15.72 mean ft: No. of blades 4		built solid ✓		v.p		material mang. benz.	
Shafting: intermediate shaft, tail shaft diameters: - 21 ¹³ / ₁₆ 25 ³ / ₁₆ inches						fuel: heavy oil			
Electric Generators: No. x type x K.W. each						3 x 400 KW Diesel		Voltage 440 a.c.	
TRIAL INFORMATION									
Displacement		18064 Tons		Draught 18.08 ft: Cb - 0.749		Speed - 17.02 Knots			
B.H.P. 11922		R.P.M. 118.75							
CONTRACT OUTCOME									
Invoice Price £ 1,502,383.				Net Profit -					
CAREER									
Initial Trade:									
October 1972 - Sold to Boveas Shipping Co. Piraeus and renamed 'Karaiskaki'.									
1984 - Owned by the Peoples Republic of China, Canton as XI Qiao Shan.									
1992 - As above.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BINSNES.		SHIP No	704	DELIVERY YEAR		
SCOTT'S S&E Co Ltd.	Bulk Carrier	SHIP OWNER	H. Clarkson & Co. London.		ENGINE No	800			
CB									
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	470.23	66.77	40.0	29.125		10961	5723	20533	15833
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	HYDROSTATIC WEIGHT - TONS	No. of Masts	
704052	0.783	Carvel	STEEL			L.R.	3530	3	
DATES	Order 16 Oct 1964		Keel Lay 1 Apr 1965		Launch 9 Nov 1965		Delivery 7 Feb 1966		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. E.H. Austen.				
MACHINERY									
SUPPLIER		SCOTT'S S&E CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 R D 68							
CYLINDERS: No. x DIAMETER				6 x 680 MM		STROKE 1250 MM		PROPULSION MODE SCREW	
DESIGN B.H.P. (service)		6510 135 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION		NATURAL GAS TURBO ✓ DIESEL SUPERCHARGE	
Propeller(s): No. 1				✓ RH LH: Dia 16.25 ft: pitch 12.68 mean ft: No. of blades 4		built: solid ✓ : v.p		mang. : material bronze	
Shafting: intermediate shaft, tail shaft diameters:- 15 18 inches						fuel: heavy oil			
Electric Generators: No. x type x K.W. each 3 x 256 Kw. Diesel						Voltage 440 a.c.			
TRIAL INFORMATION									
Displacement		9678		Tons: Draught 14.58 ft: Cb - 0.741		Speed - 16.11 Knots			
B.H.P. - 6846 R.P.M. 139.3.									
CONTRACT OUTCOME									
Invoice Price £ 1,066,914					Net Profit -£ 72899.				
CAREER									
Initial Trade:-									
1982 - owned by Tare Transport Services Inc. Piraeus, as 'Elpida'.									
Apr 1987 - broken up - Rai Dockyard, India.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BOLNES.				SHIP No 706	DELIVERY YEAR	
SCOTTS' S&E Co Ltd.	Bulk Carrier.	SHIP OWNER	Scotts' S & E Co. Ltd. Greenock				ENGINE No 802	1966	
<div style="display: flex; justify-content: space-between;"> CB TECHNICAL INFORMATION 90 </div>									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	490.0	71.25	41.0	31.1.		12458	6799	24829	19829
BALE CAPACITY DWT	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	HYDRO- STEEL WEIGHT - TONS	No. of Masts	
803891	0.799	Carvel	STEEL			D.N.V.	3880	3	
DATES	Order 1 Apr 1965		Keel Lay 29 Nov 1965		Launch 30 Aug 1966		Delivery 28 Oct 1966		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. G. Hilton.				
MACHINERY									
SUPPLIER		SCOTT'S S&E CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD 68							
CYLINDERS: No. x DIAMETER				6 x 680 MM		STROKE 1250 MM		PROPULSION MODE	SCREW
DESIGN 6244 B.H.P. (service)		134 RPM		DESIGN SPEED		14 KNOTS		ASPIRATION	NATURAL GAS TURBO MOTOR SUPERCHARGE
Propeller(s): No. 1				RH LH: Dia 16.25 ft: pitch 11.66 mean ft: No. of blades 4		built : solid ✓ : v.p.		mang. : material bronze.	
Shafting: intermediate shaft, tail shaft diameters:- 15 18 inches						fuel. heavy oil.			
Electric Generators: No. x type x K.W. each 3 x 280 kw Diesel						Voltage 440 a.c.			
TRIAL INFORMATION									
Displacement		12100 Tons		Draught 15.92 ft: Cb - 0.764		Speed - 16.19 Knots			
B.H.P. 6290 - R.P.M. 140.0									
CONTRACT OUTCOME									
Invoice Price £ 1,406,077				Net Profit -					
CAREER									
Initial Trade:									
Owned by Scotts until 1972:									
1972-6:- Owned by Compania Ultramarina S.A. c/o Goulandvis									
Bros. London. and renamed 'Ocean Sovereign'									
1976 - Transferred to Lloyd's Register.									
1983 - renamed 'Ingapirca'									
1985 - - - Maria Jose									
Nov. 1986 - broken up at Ulsan, Korea.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CLAN ALPINE		SHIP No	708	DELIVERY YEAR		
Scotts S & E Co Ltd CD	Cargo Liner.	SHIP OWNER	Clan Line Steamers. Glasgow		ENGINE No	805	1967		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	470.0	63.0	37.5	26.5		8712	4797	15406	10614
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK WEIGHT - TONS	No. of Masts	
570520	0.685	Carvel	Steel			L.R.	3392	+5 derricks	
DATES	Order 11 Mar 1966		Keel Lay 14 Apr 1966		Launch 1 Dec 1966		Delivery 12 Apr 1967		
Passengers Carried	1st CI	2nd CI	3rd CI		Launch Sponsor Miss E. Cayzer.				
MACHINERY									
SUPPLIER	Kincaid Greenock		TYPE Kincaid - B&W 2 stroke single acting direct reversing turbo charged oil engine - 6.74 VT2 BF. 160.						
CYLINDERS: No. x DIAMETER	6 x 740		MM	STROKE	1600		MM	PROPULSION MODE	Screws
DESIGN B.H.P. & R.P.M.			DESIGN SPEED	16 KNOTS		ASPIRATION		NATURAL GAS TURBO 1600H SUPERCHARGE	
Propeller(s): No.	1	✓ RH	LH: Dia 17.25 ft: pitch 16.25 ft: No. of blades 4		built solid ✓		Newston. material		
Shafting: intermediate shaft, tail shaft diameters:-	16 1/8, 19 1/2		inches						
Electric Generators: No. x type x K.W. each	1 x 8 KW diesel (emer.)		3 x 250 KW diesel		Voltage 440		60hz a-c		
TRIAL INFORMATION									
Displacement	7390		Tons: Draught	14.03 ft: Cb - 0.625		Speed - 18.48 Knots			
B.H.P.	6953		R.P.M.	116.1					
CONTRACT OUTCOME									
Invoice Price	£ 1,643,364.		Net Profit £ 113,225.						
CAREER									
Initial Trade:									
1981: Sold to Delibra Shipping Co. Liberia									
& renamed African Diamond									
1982: renamed Pacific Amber									
1984: broken up at Kaohsiung, China.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	S.T.V. 01 - (SHOCK TEST VEHICLE.)	SHIP No	705	DELIVERY YEAR
Scott's S&E Co. Ltd CB	Experimental structure	SHIP OWNER	Ministry of Defence.	ENGINE No	801	1967.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	99.5	32.0	17.5	—		—	—	—	—
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
—	—	—	H.T. steel.	—	—	—	—		
DATES	Order 29 Apr 1965			Keel Lay 2 May 1966		Launch 29 Mar 1967	Delivery 1 May 1967		
Passengers Carried						Launch Sponsor			

CONTRACT OUTCOME

Invoice Price £ 430,411.

Net Profit £ 59509.

CAREER.

This structure was a full scale replica of a portion of a nuclear Submarine and was used to study the effect on a variety of items of nuclear submarine equipment (specially installed therein) of explosions likely to be encountered in service. S.T.V. 01 returned to Scotts in 1980 for refit and extensive modifications.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME		SHIP No	DELIVERY YEAR
		SHIP OWNER		ENGINE No	

TECHNICAL INFORMATION

DIMENSIONS FEET.	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
BALE CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
DATES	Order	Keel Lay	Launch	Delivery					
Passengers Carried	Launch Sponsor								

CONTRACT OUTCOME

Invoice Price

Net Profit

CAREER.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	REA. RESOURCE.				SHIP No 697	DELIVERY YEAR
SCOTT'S S&E Co. Ltd CB	Fleet Replenishment Ship.	SHIP OWNER	Ministry of Defence.				ENGINE No 790	1967
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	600.0	77.2	49.5	26.1		18028	8040	22890
SALE CAPACITY Gross Tons	G	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.66	Carvel	steel		-	L.R.	8639	-
DATES	Order 13 Aug 1963		Keel Lay 19 Jun 1964		Launch 11-Feb 1966		Delivery 5 Jun 1967	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch named by Mrs. Haddacks. Sponsor launched - Mrs J. Lee.			
MACHINERY								
SUPPLIER A.E.I. Manchester.		TYPE AEI steam turbines {h.p. + l.p. (add astern)}						
GEARING double reduction locked train.						PROPULSION MODE Screw.		
SHP 20,000 DESIGN RPM 110		DESIGN SPEED 21 KNOTS DESIGN VACUUM 27.5 INCHES Hg		CONDENSER COOLING SURFACE 14500 SQ. FT.				
No of Boilers: main 2 : aux -		TYPE Foster water Wheeler tube E.S.D. II naval				Working Pressure & Temp 600 p.s.i. 850 °p		
Cylindrical Boilers	Dimensions D x L		ft		Total Heating Surface		Sq. Ft.	
	Steam Space Volume		cubic feet		Furnaces: total no		: dia ft : inches : length ft : inches	
	Boiler Tubes: Diameter		inches : length ft		inches			
Water tube Boilers	Total Heating Surface 35492 Sq. Ft.		Combustion Space Volume.		cubic feet		Fuel: Oil	Draught: Natural Forced <input checked="" type="checkbox"/>
Propeller(s): No. 1 RH LH: Dia 20.5 ft: pitch 20.39 ft: No. of blades 5 built solid <input checked="" type="checkbox"/> : material mang. bronze								
Shafting: intermediate shaft, tail shaft diameters :- 21.625 & 27.875 (over liner) inches								
Electric Generators: No. x type x K.W. each 4 - 1250 kW turbo : 1 - 300 kW diesel. Voltage 440 60 Hz a.c.								
TRIAL INFORMATION								
Displacement 18,110		Tons: Draught 23.62		ft: Cb - 0.58		: Speed - 21.24 Knots		
S.H.P. 19050 R.P.M. 120.4		Steam Pressure & Temp. at Engine		550 p.s.i. 835 °F		: Vacuum inches Hg		
CONTRACT OUTCOME								
Invoice Price £6,971,200				Net Profit - £329926.				
CAREER								
Initial Trade:								
1992 - Still engaged on replenishment duties								
with the Royal Navy.								
Saw service in the Falklands								
and Gulf Wars.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. PARMA		SHIP No	709	DELIVERY YEAR		
Scotts S & E Co. Ltd CD	Refrig Fruit Carrier	SHIP OWNER	F. Laeisz Hamburg		ENGINE No	-	1967.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	452.0	63.0	38.75	25.072		7618	4095	11630	6600
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
325560	0.53	Welded	Steel		-	G.M.L.	3046	2	
DATES	Order 18 Mar. 1966		Keel Lay 29 Sept 1966		Launch 7 Apr 1967		Delivery 18 Aug 1967.		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. E. Reemtsma				
MACHINERY									
SUPPLIER	Kincaid Greenock		TYPE Kincaid - B & W 2 stroke single acting direct reversing turbo-charged oil engine. 10-62-VT2BF-140						
CYLINDERS: No. x DIAMETER 10 x 620 MM				STROKE 1400 MM		PROPULSION MODE Screw			
DESIGN B.H.P. & R.P.M. 107.50 & 135				DESIGN SPEED 21 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE			
Propeller(s): No. 1				RH LH: Dia 16.5 ft: pitch 16.84 ft: No. of blades 4		built solid		Nikalium material	
Shafting: intermediate shaft, tail shaft diameters:- 15 1/2, 19 1/4 inches									
Electric Generators: No. x type x K.W. each 1 x 250 kW diesel 3 x 450 kW diesel Voltage 440 60hz a.c.									
TRIAL INFORMATION									
Displacement - 6930 Tons: Draught 16.2 ft: C _B - 0.506 : Speed - 22.2 Knots									
B.H.P. 9620 R.P.M. 137.8.									
CONTRACT OUTCOME									
Invoice Price £ 2,021,653 Net Profit £ 103127.									
CAREER									
Initial Trade: Bananas - Ecuador.									
1974 - Sold to VEB Deutfracht Seeverederei. Rostock.									
and renamed F. Freiligrath.									
1990 - Sold to Elmhurst Shipping Co. Panama.									
and renamed 'Apple Blossom'.									
1992 - do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CLYDESDALE		SHIP No	707	DELIVERY YEAR
SCOTTS' S&E CO. LTD.	Bulk Carrier	SHIP OWNER	Hadley Shipping Co. London.		ENGINE No	803	1967
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	620.0	92.0	51.25	38.125		24023	16862
							Displacement
							50344
							Deadweight
							42144
SALES CAPACITY	C _B	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS
164/417	0.81	Carvel	STEEL			L.R.	6067
DATES	Order	18 Oct 1965	Keel Lay	4 Aug 1966	Launch	7 Jun 1967	Delivery
							7 Oct 1967
Passengers Carried	1st CI	2nd CI	3rd CI	Launch Sponsor Mrs. P.J. Warwick			
MACHINERY							
SUPPLIER	SCOTTS' S&E CO. LTD.	TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD90					
CYLINDERS: No. x DIAMETER	6 x 900 MM	STROKE	1550 MM	PROPULSION MODE	SCREW		
DESIGN 12250 B.H.P. (service)	115 RPM	DESIGN SPEED	15 KNOTS	ASPIRATION	NATURAL GAS TURBO DIESEL SUPERCHARGE		
Propeller(s): No. 1	✓ RH	LH: Dia 19.75 ft: pitch 14.32 mean ft: No. of blades 4	built solid ✓	v.p.	material mang. bronze		
Shafting: intermediate shaft, tail shaft diameters :-	20 $\frac{1}{2}$ 24 $\frac{7}{16}$ inches	fuel: heavy oil					
Electric Generators: No. x type x K.W. each	3 - 425 KW. Diesel	Voltage 440 a.c.					
TRIAL INFORMATION							
Displacement	24912	Tons: Draught	20.04	ft: C _B	-0.769	Speed	17.59 Knots
B.H.P.	12530	R.P.M.	123.4				
CONTRACT OUTCOME							
Invoice Price	£ 1,996,673.	Net Profit £ 84,477					
CAREER							
Initial Trade:							
1968 - Renamed 'Clydebridge' on entering Seabridge consortium.							
Jan - 1977 - Taken over by Houlder Line and renamed 'Dunster Grange'.							
Mar. 1982 - Sold to Monte Carlo buyer and immediately resold to Fatonis Shipping Co of Monrovia & re-named 'Gulf Kestrel'.							
1983 - Sold to Graphite Shipping Co. of Monrovia & renamed 'Five Star'.							
August 1986 - Scrapped in Kaohsiung.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. PADUA	SHIP No 710	DELIVERY YEAR
Scott's S & Co Ltd CD.	Refrig Fruit Carrier	SHIP OWNER	E. Laeis3 Hamburg	ENGINE No	1967

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	452.0	63.0	38.75	25.072		7618	4095	11630	6600
SALE CAPACITY cub ft	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	DRYDOCK STAYL WEIGHT - TONS	No. of Masts
325560	0.53	Welded		Steel		-	GM.L.	3046	2
DATES	Order 18 Mar 1966			Keel Lay 23 Dec 1966		Launch 9 Aug 1967		Delivery 22 Dec. 1967	
Passengers Carried	1st Cl		2nd Cl		3rd Cl		Launch Sponsor Mrs. L. Petersen - Bartolo		

MACHINERY

SUPPLIER	Kincaid Greenock	Kincaid - B & W 2 stroke single acting direct TYPE reversing turbo-charged oil engine 10-62-VT2BF-140			
CYLINDERS: No. x DIAMETER	10 x 620 MM	STROKE	1400 MM	PROPULSION MODE	Screw
DESIGN ^{Service} B.H.P. & R.P.M.	10750 & 135	DESIGN SPEED	21 KNOTS	ASPIRATION	NATURAL GAS TURBO ✓ MECH SUPERCHARGE
Propeller(s): No.	1	✓ RH LH: Dia 16.5 ft: pitch 16.84 ft: No. of blades 4	built : solid ✓	Nikalium : material	
Shafting: intermediate shaft, tail shaft diameters :-			15½ , 19¼ inches		
Electric Generators: No. x type x K.W. each		1 x 250 kW diesel 3 x 450 kW diesel		Voltage 440. 60hz a.c	

TRIAL INFORMATION

Displacement	7094	Tons: Draught	17.2	ft: Cb - 0.507	: Speed - 22.25 Knots
B.H.P.	9665	R.P.M.	139.1		

CONTRACT OUTCOME

Invoice Price	£ 2,024,152.	Net Profit	£ 121,524.
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CAREER

Initial Trade: Bananas - Ecuador.

1974 - Sold to VEB Deutfracht Seereederei - Rostock.
and renamed G. Weerth.

1990 - Sold to Elmhurst Shipping Co. Panama.

1992 - do.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. GAS LION.		SHIP No	DELIVERY YEAR			
Scott Lithgow CB	Liquidified Gas Carrier.	SHIP OWNER	K.G. Jebsen Bergen, Norway		ENGINE No 807	1968.			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	430.0	63.0	39.0	26.83		8168	4619	14291	9591
SALES CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	ENGINE WEIGHT - TONS	No. of	Mass
418200	0.687	Carvel	STEEL			D.N.V	3778	2.	
DATES	Order 14 July 1966		Keel Lay 21 Jun 1967		Launch 29 Apr 1967		Delivery 5 Aug 1968		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. Aud. Jebsen.				
MACHINERY									
SUPPLIER		SCOTT'S S & E CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7 RD 68.							
CYLINDERS: No. x DIAMETER		7 x 680 MM		STROKE 1250 MM		PROPULSION MODE		SCREW	
DESIGN 7330 B.H.P. (service)		130 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION		NATURAL GAS FUEL 100% DIESEL FUEL 0%	
Propeller(s): No.		✓ RH LH: Dia 16.25 ft: pitch 13.0 mean ft: No. of blades 4		built solid ✓: v.p		material		Mang. Brnz.	
Shafting: intermediate shaft, tail shaft diameters: - 16 1/4 19.6 inches fuel: heavy oil.									
Electric Generators: No. x type x K.W. each 4 x 324 KW. Diesel Voltage 440 a.c.									
TRIAL INFORMATION									
Displacement		7658 Tons		Draught 15.52 ft		R: Cb - 0.636		T: Speed - 17.96 Knots	
B.H.P. 6595 R.P.M. 141.4.									
CONTRACT OUTCOME									
Invoice Price £ 2,356,363.					Net Profit - £ 16219.				
CAREER									
Initial Trade:									
1980 - Renamed Gas Pilot (Nordic Gas Carriers Corp'n)									
1985 - Scrapped.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. WORLD HONG KONG.		SHIP No	DELIVERY YEAR
Scott Lithgow CD	Bulk Carrier	SHIP OWNER	Avondale Navigation Co London. (World Wide)		ENGINE No 809	1969
TECHNICAL INFORMATION						
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Deadweight
	490.0	71.25	41.0	30.38	Gross 12340	Register 6615
					Displacement 24210	
SALE CAPACITY DWT	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	NO. OF MACHS
815320	0.798	Carvel.	STEEL		L.R.	1
DATES	Order 4 Dec 1967		Keel 19 Feb 1968 Lay		Launch 6 Nov 1968	Delivery 21 May 1969.
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Trench.	
MACHINERY						
SCOTT'S SUPPLIER ENG. CO. LTD.		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING TURBO CHARGED OIL ENGINE 7 RD 68				
CYLINDERS: No. x DIAMETER	7 x 680 MM		STROKE	1250 MM		PROPULSION MODE SCREW
DESIGN 7724 B.H.P. (service)	145 RPM		DESIGN SPEED	14.7 KNOTS		ASPIRATION NATURAL GAS TURBO CHECK SUPERCHARGE
Propeller(s): No. 1		✓ RH LH: Dia 16'0 1/2 ft: pitch 10.97 mean ft: No. of blades 4		built : solid ✓ : v.p		manag. : material bronze.
Shafting: intermediate shaft, tail shaft diameters :- 16 5/16 18 1/8 inches				fuel: heavy fuel.		
Electric Generators: No. x type x K.W. each				3 x 350 KW. Diesel.		Voltage 440 d.c.
TRIAL INFORMATION						
Displacement		12673 Tons: Draught 16.68		R: Cb - 0.765		: Speed - 17.04 Knots
B.H.P. 8437 R.P.M. 158.9.						
CONTRACT OUTCOME						
Invoice Price £ 1,492,594.			Net Profit - £ 134207.			
CAREER						
Initial Trade:						
May 1973 - Sold to Swire, London as 'Eriboll'.						
June 1977 - " " Anadria Shipping Co of Grand Cayman Is.						
1980 - With Rodson Shipping Co, Florida as Anadria.						
1988 - With Sunnyvale Maritime Co. Inc. Panama.						
1989 - With Calgary Nav. Co. as Red Deer.						
1992 - do.						

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.A. S/M. OVENS	SHIP NO	DELIVERY YEAR
Scott's S.E. Co. Ltd CB	Submarine	SHIP OWNER	Royal Australian Navy	701	1969.
				ENGINE NO	
				797	

TECHNICAL INFORMATION

DIMENSIONS feet.	Length	Breadth	Depth	Draught	Displacement - Tons.		Max. Speed K	
	241.0 b.p	26.5	20.5	18.0	Surface	Submerged	Surface	Submerged
Block Coefficient.	Submerged 0.	Surface 0.	Involved Steel Weight.	950 tons	2030	2410	17.0	12.0
Dates.	Order : 14 Jul 1964.		Keel Lay : 17 Jun 1966.		Launch : 4 Dec 1967		Delivery : 18 Apr 1969	
DIESEL GENERATOR SETS (2)	ASRI - 16VMS 4 stroke single acting type; 9 3/4" bore; 10 1/2" stroke, engines mechanically supercharged, each developing 1840 bhp at 920 rpm, and coupled to 1280 k.w. generators.							
MAIN MOTORS.	2 electric propulsion motors, each developing 3000 shp. (max) at 400 r.p.m.							
BATTERIES.	2 batteries totalling 448 cells.							
PROPELLERS.	No:- 2 ^{VRH.} _{VLH.} Dia:- 7.0 ft. : Pitch 6.2 ft : No of blades 3 : material - bronze.							
SHAFTING.	Prop. Shaft - (7 - 4 1/2) inches diameter (hollow).							

TRIAL INFORMATION.

Displacement.	Tons:	Draught	ft.:	Speed	Knots.
B.H.P.		R.P.M.			

CONTRACT OUTCOME.

Invoice Price £ 3,097,430	Net Profit £ 239,803.
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CAREER.	Launched by Viscountess Slim.
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SHIP BUILDER Scott Lithgow GB	SHIP TYPE Bulk Carrier	SHIP'S NAME M.V. ERISKAY.	SHIP No 714	DELIVERY YEAR 1969.
	SHIP OWNER John Swire & Sons	London.	ENGINE No 810	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	490.0	71.25	41.0	30.38		12485	6369	24210	19050
BALL CAPACITY GROSS TONS	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	BYEWEIGHT STEEL WEIGHT - TONS	No. of Masts
815320	0.798	Carvel		STEEL			L.R.	3879	1
DATES	Order 8 May 1968			Keel Lay 31 May 1968		Launch 20 Mar. 1969		Delivery 4 Jun 1969.	
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -						Launch Sponsor Mrs. J.A. Swire.			

MACHINERY

SCOTTS' SUPPLIER ENG. CO. LTD.		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7 RD 68			
CYLINDERS: No. x DIAMETER		7 x 680 MM	STROKE 1250 MM		PROPULSION MODE SCREW
DESIGN 7724 B.H.P. (service)		145 RPM	DESIGN SPEED 14.7 KNOTS		ASPIRATION NATURAL GAS TURBO ✓ DIESEL SUPERCHARGE
Propeller(s): No. 1		✓ RH LH: Dia 16'08ft: pitch 10'8 mean ft: No. of blades 4	built solid ✓ : v.p		Mang. : material bronze.
Shafting: intermediate shaft, tail shaft diameters:-			16 ⁵ / ₁₆ 19 ⁵ / ₈ inches		fuel: heavy oil.
Electric Generators: No. x type x K.W. each			3 x 350 KW Diesel		Voltage 440 d.c.

TRIAL INFORMATION

Displacement	12200 Tons: Draught 16.25 ft: C _b - 0.765 : Speed - 16.95 Knots								
B.H.P. 9112	R.P.M. 160.2.								

CONTRACT OUTCOME

Invoice Price	£ 1,522,727.				Net Profit	-£ 63101.			
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CAREER

Initial Trade:	
May 1978 - Sold to Martria Maritima S.A. of Panama and renamed 'Siganto' A.s.	
1985 - renamed 'Argonavi'	
1988-9 - 'Samana' with Samana S.A. Santa Domingo.	
1990 - 'Loon' with Panamanian owners.	
1992 - do.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. WORLD PRESIDENT		SHIP No	715	DELIVERY YEAR		
Scott Lithgow CD	Bulk Carrier	SHIP OWNER	(World Wide Shipping) Newdigate Shipping Co. London		ENGINE No	811	1969		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	490.0	71.25	30.38	30.38		12340	6614	24210	19170
SALE CAPACITY GROSS TON	C _B	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY		HYDRO STEEL WEIGHT - TONS	No. of Masts
815 320	0.718	Carvel	STEEL			L.R.		3879	12
DATES	Order 4 Dec 1967		Keel Lay 19 June 1968		Launch 24 Mar 1969		Delivery 26 Jun 1969		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Lady Patricia Hogan, wife of Chief Justice, Hong Kong				
MACHINERY									
SUPPLIER		TYPE							
Geo. Clark Wallsend		CLARK SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7RD68.							
CYLINDERS: No. x DIAMETER		7 x 680		MM	STROKE	1250		MM	PROPULSION MODE
									SCREW
DESIGN 7724 B.H.P. (Service)		145		RPM	DESIGN SPEED	14.7		KNOTS	ASPIRATION
									NATURAL OAS TURBO HIGH SUPERCHARGE
Propeller(s): No. 1		✓ RH		LH: Dia 16.076 ft: pitch 10.97 mean. ft: No. of blades 4		built : solid ✓		: v.p. : material mang. bronz.	
Shafting: intermediate shaft, tail shaft diameters :-		16 1/2		18 1/2		inches		fuel: heavy fuel.	
Electric Generators: No. x type x K.W. each		3 x 350		KW Diesel		Voltage 440		a.c.	
TRIAL INFORMATION									
Displacement		Tons: Draught		ft: Cb - 0		: Speed -		Knots	
B.H.P.		R.P.M.							
CONTRACT OUTCOME									
Invoice Price		£ 1,479,959.		Net Profit		- £ 33561.			
CAREER									
Initial Trade:									
7 th July 1972 - sold to John Swire & Sons. as 'Erisort'.									
Nov. 1977 - sold to Tolani Shipping Co Bombay.									
and renamed 'Prabhu Satvam.'									
1992 - do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	MV GRECIAN LEGEND.				SHIP No 716	DELIVERY YEAR 1969.					
Scott Lithgow CB	Bulk Carrier.	SHIP OWNER	(Goulondris Bros.) Legend Maritime Corporation Liberia				ENGINE No 812						
TECHNICAL INFORMATION													
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight				
	620.0	92.0	51.25	38.1		22993	17041	50266	41700				
BALL CAPACITY cub ft	Cb	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	HYDRO STEEL WEIGHT - TONS	No. of Masts					
1676938	0.81	Carvel	STEEL			L.R.	7087	2.					
DATES	Order 13 Jun 1968			Keel Lay	16 Oct 1968	Launch 27 Aug 1969	Delivery 20 Oct 1969.						
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor	Mrs. A.R. Oakley.						
MACHINERY													
SUPPLIER		SCOTT'S ENG. CO. LTD.							TYPE		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6RD50.		
CYLINDERS: No. x DIAMETER				6 x 900 MM		STROKE		1550 MM		PROPULSION MODE		SCREW	
DESIGN B.H.P. (Service)		11864		116 RPM		DESIGN SPEED		15 KNOTS		ASPIRATION		NATURAL GAS TURBO MECH SUPERCHARGE	
Propeller(s): No.		1		RH		LH: Dia 19.75 ft: pitch 13.86 mean ft: No. of blades 4		built : solid		: v.p		Newston. : material	
Shafting: intermediate shaft, tail shaft diameters: -20 1/2 24 1/2 inches						fuel: heavy oil							
Electric Generators: No. x type x K.W. each						3 x 425 KW. Diesel			Voltage 440 a.c.				
TRIAL INFORMATION													
Displacement		24820 Tons: Draught 20.0 ft: Cb - 0.767.							: Speed - 16.77 Knots				
B.H.P.		11495 R.P.M. 124.3.											
CONTRACT OUTCOME													
Invoice Price				£ 2,257,909.					Net Profit		-£ 1529.		
CAREER													
Initial Trade:													
1987 - Sold to Stella Shipping Co. Valetta, Malta													
renamed 'Elle.'													
1992 do.													

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BAKNES.		SHIP No (Lithgow)	DELIVERY YEAR				
Scott Lithgow CD	Bulk Carrier	SHIP OWNER	Nile Steamship Co. London.		ENGINE No	1970				
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	495.0	74.88	42.0	31.3		13125	8266	26668	21206	
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		INVOICED STEEL WEIGHT - TONS	No. of Masts	
907021	0.79	Carvel	Steel		-	L.R.		4450	3 + signal	
DATES	Order sub contracted from Lithgows.			Keel Lay	30 Dec 1968	Launch 30 Sept 1969		Delivery 4 Feb 1970		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. A.L. Baker.					
MACHINERY (installed by Kincaid, Greenock.)										
SUPPLIER	B&W Copenhagen		TYPE 2 off 4 stroke single acting oil engines (details below) geared to a single screw through a Renk reduction gear box at 135 r.p.m.							
CYLINDERS: No. x DIAMETER				8 x 450 MM	STROKE	540 MM	PROPULSION MODE (C.P.) Screw.			
DESIGN B.H.P. & R.P.M. each engine				4000 & 450	DESIGN SPEED	14 ³ / ₄ KNOTS	ASPIRATION NATURAL GAS TURBO V DIESEL SUPERCHARGE			
Propeller(s): No.		1	RH	LH: Dia	ft: pitch	ft: No. of blades	4.	built: solid	1 c.p. ✓	stainless steel material
Shafting: intermediate shaft, tail shaft diameters :- inches										
Electric Generators: No. x type x K.W. each 2 Paxman — 325 KW diesel 2 shaft driven x 380 KW Voltage 440 60hz a.c.										
TRIAL INFORMATION										
Displacement		Tons: Draught		15.67	ft: Cb	-0	: Speed - 16.47 Knots			
B.H.P. 8139 R.P.M. 131.9										
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade:										
1974 - sold - renamed 'Silverclyde'										
1979 " " " Argo clyde										
1979 " " " Chios Pilot.										
1980 " " " Topaz.										
1982 " " " Lapis										
1984 " " " Industrial Trader										
1988 " " " Fidelity Trust										
1989 " " " Tong Yee										
1992 " " " do.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. INGEREN.		SHIP No	718	DELIVERY YEAR		
Scott Lithgow CB	Bulk Carrier.	SHIP OWNER	A/s Inger (Jacob Kjode A/s Mgs.) Bergen.		ENGINE No	814	1970.		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	490.0	73.75	41.0	31.19		12636	8137	25795	20395
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts	
828693	0.799	Cavvel	STEEL			D.N.V.	4226	2	
DATES	Order 27 Sept 1968		Keel Lay 17 Apr 1969		Launch 6 May 1970		Delivery 15 May 1970		
Passengers Carried	1st Cl	2nd Cl	3rd Cl		Launch Sponsor		Mrs. Kari Horn Tonjøm		
MACHINERY									
SUPPLIER		SCOTT'S ENG. CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7 RD68							
CYLINDERS: No. x DIAMETER		7 x 680 MM		STROKE		1250 MM		PROPULSION MODE	SCREW
DESIGN 7724 B.H.P. (service)		145 RPM		DESIGN SPEED		14 1/2 KNOTS		ASPIRATION	NATURAL GAS TURBO ✓ HIGH SUPERCHARGE
Propeller(s): No. 1		✓ RH LH: Dia 16.08 ft: pitch 10.71 mean. ft: No. of blades 4		built: solid ✓ : v.p		Nikalium material			
Shafting: intermediate shaft, tail shaft diameters :- 16 1/2 19 5/8 inches						fuel: heavy fuel.			
Electric Generators: No. x type x K.W. each 3 x 390 KW Diesel.						Voltage 440 a.c.			
TRIAL INFORMATION									
Displacement		13260 Tons		Draught		16.9 ft: Cb - 0.76		Speed - 16.66 Knots	
B.H.P. 7830 RPM. 155:0.									
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade:									
October 1978 - Sold to Uglund Shipping Co A/S Norway.									
and renamed 'Novita'.									
1984 - Renamed Cagayan - Phillipine Transmarine Carriers.									
1987 - " Friendship - Angel Bell Shipping Co.									
1988 - " Jin Hei - Government of China.									
1992 - " do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BULKNES.	SHIP No (Lithgow) 1175	DELIVERY YEAR
Scott Lithgow CD.	Bulk Carrier	SHIP OWNER	Tenax Steamship Co. London.	ENGINE No	1970

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	495.0	74.88	42.0	31.3		13234	7952	26668	21206
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL	F&P	RIGGED	CLASSIFICATION SOCIETY	DIVORCED STEEL WEIGHT - TONS	No. of Masts	
907021	0.79	Carvel	Steel	-	-	D.N.V.	4450	3 + signal	
DATES	Order Sub contracted by Lithgow's		Keel Lay 2 Jul 1969		Launch 19 May 1970		Delivery 5 Jun 1970		
Passengers Carried	1st Cl	-	2nd Cl	-	3rd Cl	-	Launch Sponsor	Mrs. A. R. Belch.	

MACHINERY (installed by Kincaid Greenock)

SUPPLIER	B&W Copenhagen.	TYPE	2 off 4 stroke single acting oil engines (details below) geared to a single screw through a Renk reduction gearbox at 135 r.p.m.						
CYLINDERS: No. x DIAMETER	8 x 450	MM	STROKE	540	MM	PROPULSION (C.P.)	MODE Screw.		
DESIGN B.H.P. & R.P.M.	each engine 4000 x 450		DESIGN SPEED	14 3/4 KNOTS		ASPIRATION	NATURAL GAS TURBO MECH SUPERCHARGE		
Propeller(s): No.	1	✓ RH	LH: Dia	ft: pitch	ft: No. of blades	4	built: solid: C.P. ✓	stainless steel: material	
Shafting: intermediate shaft, tail shaft diameters :-									inches
Electric Generators: No. x type x K.W. each		2 Paxman. — 325 kW diesel		2 shaft driven — 380 kW.		Voltage 440 60 hz a.c.			

TRIAL INFORMATION

Displacement	Tons: Draught	15.5	ft: Cb	-0	: Speed	- 16.63 Knots
B.H.P.	8188	R.P.M.	135.0			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade:	
1974 -7	Jepsen (U.K.) Ltd.
1977 -84	Suntana Shipping Co. (Shipping Corpn. of New Zealand).
1984 -7	Kapetan Antonis - Julianae Shipping Corpn, Piraeus.
1987 -8	Captain Frank - Societa Riunite di Navigazione, Genoa.
1988	Valdora - Lloyd Shipping Co. % Marigulf Ltd. Haifa.
1992	do

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BINSNES.	SHIP No (Lithgow)	DELIVERY YEAR
Scott Lithgow CD	Bulk Carrier	SHIP OWNER	Clarkson & Co. London.	1179	1970
ENGINE No					

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	495.0	74.88	42.0	31.3		13.240	7.950	26668	21206
BALL CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	"	RIGGED	CLASSIFICATION SOCIETY	INVOKED STEEL WEIGHT - TONS	No. of Masts	
907021	0.79	Carvel	Steel.	-	-	L.R.	4450	3 + signal	
DATES	Order Sub contracted from Lithgows.			Keel Lay	30 Jan 1970	Launch	16 Sep 1970	Delivery	25 Nov 1970
Passengers Carried	1st Cl	2nd Cl	3rd Cl	Launch Sponsor Mrs. J. Peyton-Jones.					

MACHINERY (installed by Kincaid, Greenock.)

B&W SUPPLIER Copenhagen.		2 off 4 stroke single acting oil engines (details below) geared to a single screw through a Rank reduction gear box at 135 r.p.m.							
CYLINDERS: No. x DIAMETER			8 x 450	MM	STROKE	540	MM	PROPULSION MODE	(C.P.) Screw
DESIGN B.H.P. & R.P.M.			each engine 4000 x 450		DESIGN SPEED	14 ³ / ₄ KNOTS		ASPIRATION	NATURAL GAS TURBO ✓ MECH. SUPERCHARGE
Propeller(s) : No.		1	✓ RH LH : Dia	ft : pitch	ft : No. of blades	4	built : solid : c.p. ✓	stainless steel. : material	
Shafting : intermediate shaft, tail shaft diameters :-									
Electric Generators : No. x type x K.W. each			2 Paxman — 325 KW diesel 2 Shaft driven - 380 KW				Voltage 440 60hz a.c.		

TRIAL INFORMATION

Displacement	Tons: Draught	ft: Cb - 0	Speed -	Knots
B.H.P.	R.P.M.			

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade:	
Sold 1974 - became Silvertweed.	
1979 - Argo Tweed	
1982 - Chio's Captain.	
21 st June 1985 - driven aground by typhoon 'Hal' at Mariveles in the Philippines.	
1988 - sold to USSR - Black Sea Shipping Co. and renamed 'Vasiliy Azharyez'	
1992 - do.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. GRECIAN SPIRIT.		SHIP No	717	DELIVERY YEAR		
Scott Lithgow CB.	Bulk Carrier	SHIP OWNER	(Goulavros Bros) Spirit Maritime Corporation Liberia.		ENGINE No	813	1970		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	620.0	92.0	51.25	38.1		22992	17028	50266	41620
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	BYOCCED TYPAL WEIGHT - TONS	No. of Masts	
1676938	0.81	Cavel	STEEL			L.R.	7074	2	
DATES	Order 18 Jun 1968		Keel Lay 4 Sept 1969		Launch 5 Oct 1970		Delivery 27 Nov. 1970		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Coulouth vos				
MACHINERY									
SUPPLIER		SCOTT'S ENG. CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD 90.							
CYLINDERS: No. x DIAMETER		6 x 900 MM		STROKE 1550 MM		PROPULSION MODE		SCREW	
DESIGN 11864 B.H.P. (service)		116 RPM		DESIGN SPEED 15 KNOTS		ASPIRATION		NATURAL GAS TURBO ✓ MECH SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 19.75 ft: pitch 13.86 mean ft: No. of blades 4		built solid ✓		v.p		Novaston. material	
Shafting: intermediate shaft, tail shaft diameters :- 20½ 24½ inches fuel: heavy oil.									
Electric Generators: No. x type x K.W. each 3 x 425 KW Diesel. Voltage 440 a.c.									
TRIAL INFORMATION									
Displacement		25600 Tons		Draught 20.46 ft: Cb - 0.766		Speed - 17.27 Knots			
B.H.P. 11012		R.P.M. 125.0							
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade:									
1988 - Sold to Navy Hope Shipping Co.									
Limassol, Cyprus and renamed 'Homer'.									
1992 - do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. WHITEHEAD		SHIP No 719	DELIVERY YEAR			
Scott Lithgow CB	Experimental Trials Vessel	SHIP OWNER	Director of Marine Services MOD. Bath.		ENGINE No 815	1971			
TECHNICAL INFORMATION									
DE. DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	291.0	48.0	33.0	13.03		3427	1149	3308	658
SALE CAPACITY Subs. Tons	C _B	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		RYOKED STEEL WEIGHT - TONS	No. of Masts
—	0.636	Carvel	Steel			—		1391	2
DATES	Order 29 Nov 1968		Keel Lay 27 Jun 1969		Launch 5 May 1970		Delivery 30 Mar 1971		
Passengers Carried	1st CI — 2nd CI — 3rd CI —				Launch Sponsor Mrs. I. McIntosh.				
MACHINERY									
SUPPLIER	Paxman Lincoln		TYPE 2 off 12 YLCM diesel engines linked to a reduction gear box at 280 rpm. 1 off 300 hp Pleuger vudder also fitted.						
CYLINDERS: No. x DIAMETER			12 (V) x 9 $\frac{3}{4}$ INCHES		STROKE 10 $\frac{1}{2}$ INCHES		PROPULSION MODE Screw.		
DESIGN B.H.P. & R.P.M.			3400 x 900		DESIGN SPEED 15 $\frac{1}{2}$ KNOTS		ASPERATION NATURAL GAS TURBO MECH. SUPERCHARGE		
Propeller(s): No. 1			✓ RH LH: Dia 8.53 ft: pitch 7.25		ft: No. of blades 4		built solid ✓		Nickelium material
Shafting: intermediate shaft, tail shaft diameters: — 9 $\frac{1}{2}$, 11 $\frac{1}{4}$ inches									
Electric Generators: No. x type x K.W. each 4 x 350 kW diesel 1 x 30 kW diesel (emer.) Voltage 440 60 Hz a.c.									
TRIAL INFORMATION									
Displacement		3010 Tons		Draught 12.0 ft		Cb - 0.629		Speed - 15.68 Knots	
B.H.P. 3056 R.P.M. 270.2									
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade:									
Awaiting disposal - 1991-2									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. CUMBRIA.		SHIP No	720		DELIVERY YEAR
Scott Lithgow CB	Bulk Carrier.	SHIP OWNER	Hadley Shipping Co. London		ENGINE No	816		1971
TECHNICAL INFORMATION								
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement
	570.0	82.5	47.25	35.57		18570	12062	38542
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		NO. OF MASTS
1280220	0.81	Carvel	STEEL			L.R.		6
DATES	Order 20 Jun 1969		Keel Lay 25 Aug 1970		Launch 14 May 1971		Delivery 1 Jul 1971	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Miss Iona Warwick			
MACHINERY								
SUPPLIER SCOTT'S ENG. CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RD 76						
CYLINDERS: No. x DIAMETER		6 x 760 MM		STROKE 1550 MM		PROPULSION MODE SCREW		
DESIGN 9055 B.H.P. (service)		110 RPM		DESIGN SPEED 14.5 KNOTS		ASPIRATION NATURAL GAS TURBO ✓ HIGH SUPERCHARGE		
Propeller(s): No. 1		✓ RH LH: Dia 18.25 ft: pitch 13.25 mean ft: No. of blades 4		built solid ✓: v.p		Mang material bronze		
Shafting: intermediate shaft, tail shaft diameters:- 18 1/2 21 inches					fuel: heavy oil			
Electric Generators: No. x type x K.W. each					4 x 250 kW Diesel Voltage 440 a.c.			
TRIAL INFORMATION								
Displacement 17517		Tons: Draught 17.3		ft: Cb - 0.75		Speed - 16.12 Knots		
B.H.P. 8443		R.P.M. 123.86						
CONTRACT OUTCOME								
Invoice Price		Net Profit						
CAREER								
Initial Trade:								
2nd February 1981 - Sold to Russian buyers & renamed 'Dagomys'								
1990 - Oriental Beauty Co. Piraeus								
and renamed 'Flag Paola'								
1992 - do.								

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BANBURY		SHIP No	721	DELIVERY YEAR		
Scott Lithgow CB	Bulk Carrier	SHIP OWNER	Alexander Shipping Co - London		ENGINE No	817	1971		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	490.0	75.0	43.0	31.57		11381	6678	21409	15583
SALE CAPACITY	C _b	CONSTRUCTION	MATERIAL & P		RIGGED	CLASSIFICATION SOCIETY	HYDRODYNAMIC WEIGHT - TONS	No. of Masts	
760814	0.645	Carvel	STEEL			L.R.	3872	3	
DATES	Order 25 Mar 1969		Keel Lay 18 Apr 1971		Launch 19 Oct 1971		Delivery 16 Dec 1971		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Banbury.				
MACHINERY									
SUPPLIER		SCOTT'S ENGINE CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7 RND 76							
CYLINDERS: No. x DIAMETER		7 x 760 MM		STROKE 1550 MM		PROPULSION MODE		SCREW	
DESIGN 12429 B.H.P. (service)		118 RPM		DESIGN SPEED 18 KNOTS		ASPIRATION		NATURAL GAS TURBO DIESEL SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 18.7 ft: pitch 16.78 mean ft: No. of blades 4		built solid ✓		v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters:- 19 24 inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each 3 x 425 KW Diesel						Voltage 440 a.c.			
TRIAL INFORMATION									
Displacement 11414		Tons: Draught 18.0		ft: Cb - 0.60		Speed - 19.8 Knots			
B.H.P. 11860 R.P.M. 122.8.									
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: 4 year charter trading around the Australia coast for Broken Hill Proprietary (BHP.) as 'Iron Banbury.'									
1975 - renamed 'Banbury' & entered Houlder Bros service to the South American East coast.									
July 1982. - Sold to Argentine buyer 'Casinomar' for \$ 3,795,000 and renamed 'Lady Marina' under Panamanian flag.									
1988 - Sold to Compania Naviera Aviane S.A. Panama and renamed 'Aviane'.									
1992 - do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. GEESTCREST.		SHIP No	723	DELIVERY YEAR			
Scott Lithgow CD	Refrig. Fruit Passenger	SHIP OWNER	Geest Industries . Spalding Lines		ENGINE No	819	1972			
TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	442.0	63.0	38.78	27.7		5871	3064	12970	7516	
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
342 109	0.587	Carvel	STEEL			L.R.	3266			
DATES	Order 21 Jul 1969			Keel Lay 20 Oct 1970	Launch 5 Oct 1971		Delivery 2 Feb 1972			
Passengers Carried	1st Cl 12 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. Petronella Keeling					
MACHINERY										
SUPPLIER		SCOTT'S SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT								
ENG. CO. LTD.		TYPE REVERSING TURBO CHARGED OIL ENGINE 6RND 76								
CYLINDERS: No. x DIAMETER				6 x 760	MM	STROKE	1550	MM	PROPULSION MODE	SCREW
DESIGN B.H.P.				10700 (service)	117	RPM	DESIGN SPEED	18.5 service 20	ASPIRATION	NATURAL GAS TURBO V MECH SUPERCHARGE
Propeller(s): No.				1	RH LH: Dia 17.72 ft: pitch 17.65 mean ft: No. of blades 4				built solid ✓ : v.p. : material mang. bronze	
Shafting: intermediate shaft, tail shaft diameters :-				17 1/8 21 3/16 inches				fuel: heavy oil		
Electric Generators: No. x type x K.W. each				4 x 430 KW Diesel				Voltage 440 a.c.		
TRIAL INFORMATION										
Displacement		7200 Tons		Draught 16.88		ft: Cb - 0.54		Speed - 21.23 Knots		
B.H.P.		9325		R.P.M.		125.05				
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade:										
June 1981: Sold to Latvian Shipping Co. (Russian Flag)										
and renamed 'Kandava'										
1992. do.										

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. GEESTLAND.	SHIP No 728	DELIVERY YEAR
Scott Lithgow CD	Refrig. Fruit Passenger.	SHIP OWNER	Geest Industries Spalding Lines.	ENGINE No 824	1972.

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	442.0	63.0	38.78	27.7		5871	3064	12970	7510
SALE CAPACITY GROSS TON	C _B	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts		
343189	0.587	Carvel	STEEL		L.R.	3266			
DATES	Order 6 Oct. 1969			Keel Lay 17 May 1971	Launch 21 Feb 1972	Delivery 30 May 1972			
Passengers Carried — 1st Cl 12 2nd Cl — 3rd Cl —					Launch Sponsor Countess Alexander of Tunis.				

MACHINERY

SCOTT'S SUPPLIER ENG.CO. LTD.		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING TURBO CHARGED OIL ENGINE 6RND76						
CYLINDERS: No. x DIAMETER		6 x 760	MM	STROKE	1550	MM	PROPULSION MODE	SCREW
DESIGN B.H.P. - 10700 (service)		117	RPM	DESIGN SPEED	18.5 service 20	KNOTS	ASPIRATION	NATURAL GAS TURBO ✓ MECH SUPERCHARGE
Propeller(s): No. 1		✓ RH	LH: Dia 17.72 ft: pitch 17.65 mean ft: No. of blades 4			built : solid ✓	: v.p	: material mang. bronze.
Shafting: intermediate shaft, tail shaft diameters :- 17 ¹ / ₈ 21 ³ / ₁₆ inches						fuel: heavy oil.		
Electric Generators: No. x type x K.W. each 4 x 430 KW. Diesel.						Voltage 440 a.c.		

TRIAL INFORMATION

Displacement	7200	Tons : Draught	16.75	ft. : Cb - 0.54	: Speed - 21.4	Knots
B.H.P. - 9556	R.P.M. 125.0					

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade:	
August 1986 - Sold to Kappa Maritime, Cyprus - renamed 'Starland'	
1988 - Owned by Spitfire Shipping Co.	
1990 - National Success Co. Piraeus	
and renamed 'Valparaiso Reefer'	
1992	do.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BRITISH AVON.		SHIP No 724	DELIVERY YEAR			
Scott Lithgow CB	Oil Tanker.	SHIP OWNER	B.P. Thames Tanker Co. London.		ENGINE No 820	1972			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	53-0	82-0	41-25	31-42		15540	9550	31651	25214
CARGO CAPACITY cub ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	DRY DOCK WEIGHT - TONS	No. of Masts		
1235300	0-81	Carvel	STEEL		L.R.	4997	2		
DATES	Order 28 Aug. 1969		Keel 17 Aug 1971 Lay		Launch 31 Mar 1972	Delivery 29 Nov 1972			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor	Mrs. M.M. Pennell.			
MACHINERY									
SUPPLIER		SCOTT'S ENG. CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE GRND 76							
CYLINDERS: No. x DIAMETER		6 x 760 MM		STROKE 1550 MM		PROPULSION MODE		SCREW	
DESIGN B.H.P. (Service)		9000 119-109 RPM		DESIGN SPEED		14 KNOTS		ASPIRATION NATURAL GAS TURBO MECH SUPERCHARGE	
Propeller(s): No. 1		✓ RH LH: Dia 18.5 ft: pitch 13.72 mean ft: No. of blades 4		built solid ✓		v.p.		material bronze	
Shafting: intermediate shaft, tail shaft diameters :-		17 1/8 2 1/2 inches		fuel: heavy oil					
Electric Generators: No. x type x K.W. each		1 x 650 KW - Turbo (waste heat) 1 x 600 KW - Diesel		Voltage 440 a.c.					
TRIAL INFORMATION									
Displacement		30814 Tons: Draught 30-68 ft: Cb - 0-81		Speed - 15.67 Knots					
B.H.P. 9260		R.P.M. - 119.3							
CONTRACT OUTCOME									
Invoice Price		Net Profit							
CAREER									
Initial Trade: Produits Carrier.									
1985 - Transporte Marittime Riuniti, S.p.A renamed 'Mare di Kara.'									
1987 - Venezia Tankers " 'Carnia' "									
1988 - Lavrotank Carnia									
1989 - Carnia - Starlauvo S.p.A. Naples.									
1992 - do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. BRITISH TWEED.	SHIP No	DELIVERY YEAR
Scott Lithgow C.D.	Oil Tanker.	SHIP OWNER	B.P. Thames Tanker Co. London.	726	1973
				ENGINE No	
				822.	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	530.0	82.0	41.25	31.42		15540	9550	31582	25155
CARGO CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	HYDRO STATIC WEIGHT - TONS	No. of Masts		
1235300	0.81	Carvel	STEEL		L.R.	4997	2		
DATES	Order 28 Aug 1969			Keel Lay 23 Mar 1972		Launch 19 Mar 1973		Delivery 3 Oct 1973	
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -						Launch Sponsor Lady Douglas-Home.			

MACHINERY

SCOTT'S SUPPLIER- ENG. CO. LTD.		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING TURBO CHARGED OIL ENGINE G RND 76			
CYLINDERS: No. x DIAMETER		6 x 760 MM	STROKE 1550 MM		PROPULSION MODE SCREW
DESIGN 9000 B.H.P. (Service)		19-109 RPM	DESIGN SPEED 14 KNOTS		ASPIRATION NATURAL OAS TURBO ✓ BACK ALTERNATIVE
Propeller(s): No. 1		✓RH LH: Dia 19-03 ft: pitch 13-39 mean ft: No. of blades 4		built : solid ✓	: v.p. : material mang bronz
Shafting: intermediate shaft, tail shaft diameters: - 17 1/8 20 1/2 inches fuel: heavy oil.					
Electric Generators: No. x type x K.W. each 1 x 650 kW - Turbo (waste heat) 1 x 600 kW - Diesel. Voltage 440 a.c.					

TRIAL INFORMATION

Displacement	31539 Tons: Draught 31.33 ft: C _b - 0.81 : Speed - 15.28 Knots								
B.H.P.	9194 R.P.M. 118.4								

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade: Products Carrier.	
1988 - became 'Azna' - National Iranian Tanker Co. Bandar Abbas.	
1992 - do.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. SUGAR CARRIER.		SHIP No	DELIVERY YEAR			
Scott Lingow CD	Bulk Carrier.	SHIP OWNER	Sugar Line. London.		ENGINE No 828	1974			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	541.33	85.0	46.75	33.82		17774	12415	35594	28557
SALE CAPACITY GROSS TON	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY		ENGINE TYPE WEIGHT - TONS	No. of Masts
1258865	0.862	Carvel.	STEEL			L.R.		5813	2
DATES	Order 26 Jan 1971		Keel Lay	15 Jun 1972	Launch	12 Sept 1973	Delivery 28 Mar 1974		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs A.J. Fairlie.				
MACHINERY									
SUPPLIER		SCOTT'S ENG. CO. LTD.							
		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING TURBO CHARGED OIL ENGINE GRND 76							
CYLINDERS: No. x DIAMETER		6 x 760 MM		STROKE		1550 MM		PROPULSION MODE SCREW	
DESIGN B.H.P. 10700		117 RPM		DESIGN SPEED		14 KNOTS		ASPIRATION NATURAL GAS TURBO <input checked="" type="checkbox"/> MEDIUM SUPERCHARGE	
Propeller(s): No. 1		<input checked="" type="checkbox"/> RH LH: Dia 19.2 ft: pitch 13.58 mean ft: No. of blades 4		built : solid <input checked="" type="checkbox"/> : v.p.		Nickelium : material			
Shafting: intermediate shaft, tail shaft diameters:- 17.72 21.93 inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each						3 x 500 kW. Diesel.		Voltage 440 a.c.	
TRIAL INFORMATION									
Displacement		20663 Tons: Draught		20.54 ft: C _b - 0.77		: Speed - 16.68 Knots			
B.H.P. 10770		R.P.M. 126.0							
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Bulk Sugar. - West Indies - U.K.									
1979 - renamed Patricia									
1981 - Tepoztlan.									
1986 - Continental Charterer									
Mostly employed carrying phosphate from Casablanca to Mexico & returning to Italy or Spain with grain.									
1989 - renamed Tepoztlan.									
1990 - Glastnos.									
1992 - do.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V SUGAR TRADER.		SHIP No 733	DELIVERY YEAR	
Scott Lithgow CD	Bulk Carrier	SHIP OWNER	Sugar Line. London.		ENGINE No 829	1974	
TECHNICAL INFORMATION							
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register
	541.33	85.0	46.75	33.82		17779	12413
							Displacement
							28557
SALE CAPACITY cu ft	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
1,258,865	0.802	Carvel.	STEEL		L.R.	5813	2
DATES	Order 26 Jan 1971		Keel 22 Apr 1972		Launch 16 Aug 1974		Delivery 19 Nov 1974
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. D.W. Hardy.		
MACHINERY							
SUPPLIER SCOTTS' ENG. CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 6 RND 76					
CYLINDERS: No. x DIAMETER - 6 x 760 MM				STROKE 1550 MM		PROPULSION MODE SCREW	
DESIGN B.H.P. 10700 (service)		117 RPM		DESIGN SPEED 14 KNOTS		ASPIRATION NATURAL GAS TURBO DIESEL SUPERCHARGE	
Propeller(s): No. 1 ✓ RH LH: Dia 19.2 ft: pitch 13.58 mean ft: No. of blades 4				built : solid ✓ : v.p		Nickal cum. : material	
Shafting: intermediate shaft, tail shaft diameters :- 17.72 21.93 inches						fuel: heavy oil	
Electric Generators: No. x type x K.W. each				3 x 500 kW Diesel		Voltage 440 a.c.	
TRIAL INFORMATION							
Displacement		20920 Tons		Draught 20.5 ft		Cb - 0.78 : Speed - 15.76 Knots	
B.H.P. 10838		R.P.M. 125.07					
CONTRACT OUTCOME							
Invoice Price				Net Profit			
CAREER							
Initial Trade: Bulk Sugar: West Indies to U.K.							
1979 - renamed Nathalie.							
1981 - Tonatli.							
1986 - Continental Merchant.							
Mostly employed carrying phosphate from Casablanca to Mexico & returning to Italy or Spain with grain.							
1989 - renamed Tonatli.							
1992 - do.							

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. JAG PRIYA		SHIP No	740	DELIVERY YEAR		
Scott Lithgow CD	Oil Tanker.	SHIP OWNER	Great Eastern Shipping Co. Bombay		ENGINE No	836			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	530.0	84.97	50.85	38.19		20416	12345	40017	32360
CARGO CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	GYROSCOPE WEIGHT - TONS	No. of Masts	
1472492	0.84	Carvel	STEEL			L.R.	5976	2	
DATES	Order 12 Oct 1973		Keel 13 Nov 1973		Launch 26 Mar 1975		Delivery 11 Sept 1975		
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mr. J. Paton.				
MACHINERY									
SUPPLIER	SCOTTS' ENG. CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE GRND 76						
CYLINDERS: No. x DIAMETER		6 x 670		MM	STROKE	1550		MM	PROPULSION MODE SCREW
DESIGN B.H.P. (Service)	10564		117 RPM		DESIGN SPEED	15 KNOTS		ASPIRATION	NATURAL GAS TURBO ✓ MECH SUPERCHARGE
Propeller(s): No. 1		✓ RH		LH: Dia 19.2 ft: pitch 13.39 mean ft: No. of blades 4		built: solid ✓: v.p		Nickel cum material	
Shafting: intermediate shaft, tail shaft diameters: - 18.7 22 1/8 inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each						3 x 600 kw. Diesel		Voltage 440 a.c.	
TRIAL INFORMATION									
Displacement		39927 Tons		Draught 31.44 ft: C _b - 0.81		Speed - 15.88 Knots			
B.H.P. 11605 R.P.M. 125.8.									
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade: Products Carrier.									
1992 - Still in service with Great Eastern Shipping Co.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott Lithgow. CB	Experimental Trials Vessel.	M.V. NEWTON.	739	1976
		SHIP OWNER	ENGINE No	
		Director of Marine Services, M.O.D. Bath.	835	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	290.33	52.5	28.87	17.72		2779	598	4510	5.07
BALL CAPACITY cubic feet	C _b	CONSTRUCTION		MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts
-	0.592	Carvel		Steel			-	1900	2
DATES	Order 13 Dec. 1972			Keel Lay 20 Dec 1973		Launch 25 Jun 1975		Delivery 17 June 1976	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. Watson.			

MACHINERY

SUPPLIER G.E.C. Rugby provided all generating & propulsion plant for this vessel

located in several machinery compartments and all installed by Scotts.

Abbreviated details are given below.

Propeller(s): No. 1 ^{VRH} LH: Dia 8.86 ft: pitch 9.17 ft: No. of blades 4 built solid ^{manag.} material bronze.

Shafting: intermediate shaft, tail shaft diameters:- 8.66, 10.63. inches

Electric Generators: No. x type x K.W. each - See below. Voltage

TRIAL INFORMATION

Displacement 3766 Tons: Draught 15.26 ft: C_b - 0.567 : Speed - 14.39 Knots

B.H.P. 1956 R.P.M. 228.6

CONTRACT OUTCOME

Invoice Price Net Profit

CAREER

Initial Trade: This vessel was built to provide afloat facilities for research into all aspects of sonar. and consequently involved extraordinary measures aimed at reducing the effects of 'domestic' noise generated within the ship.

Generating & Propulsion plant.

Main Propulsion 3 propulsion diesel engines each developing 1450 bhp at 900 r.p.m.

Generator Room. driving in series :- 3 d.c. generators each 1020 kW at 1200 v.p.m.

3 a.c. alternators each 650 kW at 1200 v.p.m.
one propulsion motor 2680 kW at 225 v.p.m.

Quiet Generator Room 1 aux. diesel altr. set - 425 hp engine / 250 kW alternator at 720 v.p.m.
1 diesel altr. set - 570 kW at 720 v.p.m.

1 alternator. a.c. - 250 kW at 720 v.p.m.
1 generator. d.c. - 230 kW at 720 v.p.m.

Emergency Altr. Room 1 emergency diesel alternator set - 100 kW - 1800 v.p.m.

Still in service - 1992

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott Lithgow CB	Submarine	S/M. HYATT.	731	1976
		SHIP OWNER	ENGINE No	
		Chilean Navy.	827	

TECHNICAL INFORMATION

DIMENSIONS feet.	Length	Beam	Depth	Draught	Displacement - Tons.		Max. Speed. K.	
	241.0 b.p.	26.5	20.5	18.0	Surface	Submerged	Surface	Submerged
Block Coefficient.	Submerged 0. Surface 0.		Invoiced Steel Weight.	950 tons	2030	2410	17.0	12.0
Dates.	Order : 5 Dec 1969		Keel Lay : 16 Jan 1972		Launch : 26 Sept 1973		Delivery : 31 Aug 1976	
DIESEL GENERATOR SETS (2)	ASRI - 16VMS 4 stroke single acting type, $9\frac{3}{4}$ " bore, $10\frac{1}{2}$ " stroke, engines mechanically supercharged, each developing 1840 bhp at 920 rpm, and coupled to 1280 K.W. generators.							
MAIN MOTORS.	2 electric propulsion motors, each developing 3000 shp. (max) at 400 r.p.m.							
BATTERIES.	2 batteries totalling 448 cells.							
PROPELLERS.	No:- 2 $\sqrt{RH.}$ $\sqrt{LH.}$ Dia:- 7.0 ft. : Pitch 6.2 ft : No of blades 3 : material - bronze.							
SHAFTING.	Prop. Shaft - $(7-4\frac{1}{2})$ inches diameter (hollow).							

TRIAL INFORMATION.

Displacement.	Tons :	Draught	ft. :	Speed -	Knots.
B.H.P.		R.P.M.			

CONTRACT OUTCOME.

Invoice Price	Net Profit.
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CAREER. Launched by Mrs. Julia Buzeta,
wife of Admiral Buzeta, Chilean Navy.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott Lithgow CD.	Dynamically Positioned Drill Ship.	M.V. BEN OCEAN LANCER	744	1977
		SHIP OWNER Ben Odeco Ltd. Edinburgh.	ENGINE No 840	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	448.8	76.9	40.85	26.33		10823	5289	17511	9048
SALA CAPACITY cubic feet	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0.673	welded	Steel.		L.R. ice class II		-		
DATES	Order 11 Mar. 1974			Keel Lay 27 Sept 1974	Launch 2 Feb 1976		Delivery 28 Mar 1977		
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. D.O. Nelson.				

MACHINERY

This vessel was designed to be used for exploratory oil drilling (in water depths where it was impossible to use anchors) using a dynamic positioning system employing a combination of conventional twin screws and five transverse thrusters all driven by high voltage electric motors. Propellers (13.123 ft. dia) and thrusters (7.74 ft. dia) were powered by 5 diesel sets each driven by S.A.C.M engines of 3350 bhp at 1200 rpm and 3 phase 3000 KVA, 6600 V. alternators. Harbor & Emergency alternators of 600 kw and 120 kw respectively were also installed.

TRIAL INFORMATION

Displacement 12581 Tons: Draught 19.83 ft: C_b - 0.643 : Speed - 13.07 Knots
B.H.P. 7653 R.P.M. 145.8

CONTRACT OUTCOME

Invoice Price Net Profit

When the ship is moving to a new location the twin screw propulsion units have 6000 s.h.p. available, each propeller being driven through gearing by twin electric motors providing a total of 3000 shp. per shaft. - transit speed 12 knots.

All power requirements during drilling operations are coped with comfortably by the five alternators referred to above.

Engaged on world wide charters for drilling exploration.

1990-2 S.C. Lancer. - B.B. Leasing Co Ltd Panama.
Schahin Cury Engenharia e Comercio Ltda.

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	SHIP No	DELIVERY YEAR
Scott Lithgow CD	Dynamically Positioned Drill Ship	M.V. PACNORSE I	746	1979
		SHIP OWNER PacNorse Drilling Corpn. Hamilton Bermuda.	ENGINE No 843	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	448.8	76.9	40.85	26.34		9872	4809	17527	8697
SALS CAPACITY m ³ or ton	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0.673	Welded.	Steel.		D.N.V. Ice class - 1b.	-	-		
DATES	Order 26 Jun 1974			Keel Lay 3 Apr 1975	Launch 7 Apr 1977	Delivery 10 Jun 1979.			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. G.M. Anderson.			

MACHINERY

This vessel was designed for exploratory drilling for oil (in water depths too great to allow the use of anchors) using a dynamic positioning system employing a combination of conventional twin screws and five transverse thrusters all driven by high voltage electric motors. Propellers (13.123ft dia.) and thrusters (7.74ft. dia) were powered by 5 diesel sets each driven by Pielstick engines of 3450 bhp at 1200 r.p.m. and 3 phase 3000KVA 6600V alternators. Harbour & emergency alternators of 600KW and 120KW respectively were also installed.

TRIAL INFORMATION

Displacement 13600 Tons: Draught 20.85 ft.: C_b - 0.661 : Speed - 13.94 Knots
B.H.P. 8748 R.P.M. 145.0

CONTRACT OUTCOME

Invoice Price

Net Profit

When the ship is moving to a new location the twin screw propulsion units have 6700 s.h.p. available, each propeller being driven through gearing by twin electric motors providing a total of 3350 s.h.p. per shaft: transit speed 12.5 knots.

All power requirements during drilling operations are coped with comfortably by the five alternators referred to above.

Engaged on world wide charters for exploratory drilling.

1991-2 owned by Parkdale Maritime Corpn. Monrovia

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	R.F.A. FORT AUSTIN.		SHIP No	738	DELIVERY YEAR		
Scott Lithgow CB	Fleet Replenishment Ship.	SHIP OWNER	Ministry of Defence.		ENGINE No	834	1979		
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	557.75	78.75	48.88	29.53		16054	6728	23111	8165
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL FAP		RIGGED	CLASSIFICATION SOCIETY		SHOULDER STEEL WEIGHT - TONS	No. of Masts
477060	0.623	Carvel	STEEL		-	-		9134	
DATES	Order 6 Apr 1972		Keel Lay 9 Dec 1975		Launch 9 Mar 1978		Delivery 21 Jun 1979.		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Mrs. D.R.J. Stephen.				
MACHINERY									
SUPPLIER		SCOTT'S ENGINE CO. LTD. TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 8 RND 90							
CYLINDERS: No. & DIAMETER				8 x 900 MM		STROKE 1550 MM		PROPULSION MODE SCREW	
DESIGN 20600 B.H.P. (Service)		118 RPM		DESIGN SPEED 20 KNOTS		ASPIRATION		NATURAL GAS TURBO DIESEL SUPERCHARGER	
Propeller(s): No. 1		RH LH: Dia 19.5 ft: pitch 22.25 mean ft: No. of blades 4				built: solid ✓: v.p		Nikasilium material	
Shafting: intermediate shaft, tail shaft diameters: - 21 1/2 26 3/4 inches						fuel: heavy oil.			
Electric Generators: No. & type & K.W. each						1 x 150 kW diesel (Cemer.) 8 x 515 kW diesel.		Voltage 440 60 Hz. a.c.	
TRIAL INFORMATION									
Displacement		19402 Tons		Draught 25.5 ft		Cb - 0.606		Speed - 22.58 Knots	
B.H.P. 23031		R.P.M. 125.86							
CONTRACT OUTCOME									
Invoice Price					Net Profit				
CAREER									
Initial Trade:									
1992 - Still engaged on replenishment duties with the Royal Navy.									
Saw service in the Falklands and Gulf Wars.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. MARON.	SHIP No	749	DELIVERY YEAR
Scott Lithgow CB	Cargo Liner.	SHIP OWNER	Ocean Transport & Trading. Liverpool.	ENGINE No	849	1980

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	492.2	85.3	46.6	35.0		16482	8872	30482	20973
SALA CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P	RIGGED	CLASSIFICATION SOCIETY	WORLD STEEL WEIGHT - TONS	No. of Masts		
1,077,602	0.702	Carvel	STEEL	-	L.R.	6771			
DATES	Order 19 Aug 1977			Keel Lay 20 Dec 1977	Launch 26 Apr 1979		Delivery 7 May 1980		
Passengers Carried 1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Lady Morse.				

MACHINERY

SCOTT'S SUPPLIER ENG. CO. LTD.		SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT TYPE REVERSING TURBO CHARGED OIL ENGINE 7 RND 76 M				
CYLINDERS: No. x DIAMETER		7 x 760 MM	STROKE	1550 MM	PROPULSION MODE	SCREW
DESIGN 14087 B.H.P. (Service)		115 RPM	DESIGN SPEED	18 KNOTS	ASPIRATION	NATURAL GAS TURBO ✓ MECH. SUPERCHARGE
Propeller(s): No. 1		✓ RH LH: Dia 19.85 ft: pitch 16.65 mm ft: No. of blades 4	built : solid ✓ : v.p.		Nickelium : material	
Shafting: intermediate shaft, tail shaft diameters: - 19.3 24.8 inches.				fuel: heavy oil.		
Electric Generators: No. x type x K.W. each				3 x 1000 kW diesel.		Voltage 415 ^{5ohz} a.c.

TRIAL INFORMATION

Displacement	13326	Tons: Draught	17.13	ft: Cb - 0.65	: Speed - 20.19 Knots
B.H.P.	16621	R.P.M.	126.7		

CONTRACT OUTCOME

Invoice Price	Net Profit
CAREER	
Initial Trade:	
22 Nov. 1981 - chartered to Overseas Containers Ltd and	
renamed Studland Bay.	
1982 - reverted to owners & renamed 'Maron'.	
20 Jan 1986 - sold to Nigerian Green Lines Ltd Lagos	
and renamed 'Yinka Folawiyi'.	
1989 - Sold to Cenacargo Ltd and	
renamed Merchant Patriot.	
1990 - renamed CMB Enterprise.	
1992 - " Woermann Ubangi.	

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. MENTOR.		SHIP No	750	DELIVERY YEAR	1980	
Scott Lithgow CD	Cargo Liner	SHIP OWNER	Ocean Transport & Trading Liverpool		ENGINE No	850			
TECHNICAL INFORMATION									
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	492.2	85.3	46.6	35.0		16482	8871	30412	21534
SALE CAPACITY	C _B	CONSTRUCTION	MATERIAL F&P		REGD	CLASSIFICATION SOCIETY	HYDRO STEEL WEIGHT - TONS	No. of Masts	
1,077,662	0.702	Carvel	STEEL			L.R.	6771		
DATES	Order 19 Aug 1977		Keel Lay 20 Jan 1977		Launch 8 Aug 1979		Delivery 24 Jul 1980		
Passengers Carried	1st CI - 2nd CI - 3rd CI -				Launch Sponsor Lady Alexander.				
MACHINERY									
SUPPLIER SCOTTS' ENG.CO. LTD.		TYPE SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7 RND 76M							
CYLINDERS: No. x DIAMETER		7 x 760 MM		STROKE		1550 MM		PROPULSION MODE	SCREW
DESIGN 14087 B.H.P.(Service)		115 RPM		DESIGN SPEED		18 KNOTS		ASPERATION	NATURAL GAS TURBO DIESEL SUPERCHARGE
Propeller(s): No. 1		VRH LH: Dia 19.85 ft: pitch 16.65 mm ft: No. of blades 4		built solid ✓		v.p		Nikalium material	
Shafting: intermediate shaft, tail shaft diameters :- 19.3 24.8 inches						fuel: heavy oil.			
Electric Generators: No. x type x K.W. each 3 x 1000 KW. diesel.						Voltage 415 50hz. a.c			
TRIAL INFORMATION									
Displacement		13784 Tons		Draught 17.39 ft		Cb - 0.66		Speed - 20.35 Knots	
B.H.P. 16606. R.P.M. 129.25.									
CONTRACT OUTCOME									
Invoice Price				Net Profit					
CAREER									
Initial Trade:									
5 th Dec. 1981 - Chartered to Overseas Containers Ltd for one year and renamed 'City of London'.									
20 th Dec. 1982 - reverted to owners & renamed 'Mentor'.									
Apr 1985 - sold to Hake Shipping Co. Cyprus and renamed Normannia.									
1987 - sold to Hake Shipping Co. and renamed A.L.S. Reliance.									
1988 - renamed Hoegh Normannia.									
1989 - Rickmers Hangzhou - Black King Shipping Co									
1992 - St. Nikolas I. later D.S.R. Shanghai.									

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	M.V. MYRMIDON.	SHIP No 751	DELIVERY YEAR 1980
Scott Lithgow CB	Cargo Liner	SHIP OWNER	Ocean Transport & Trading London	ENGINE No 851	

TECHNICAL INFORMATION

DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight
	492.2	85.3	46.6	35.0		16482	8871	30446	20880
SALE CAPACITY GROSS TON	C _b	CONSTRUCTION	MATERIAL F&P		RIGGED	CLASSIFICATION SOCIETY	HYDRO STEEL WEIGHT - TONS	No. of Masts	
1,077,602	0.702	Carvel.	STEEL			L.R.	6771		
DATES	Order 19 Aug 1977			Keel Lay 24 May 1979		Launch 19 Feb 1980		Delivery 14 Nov 1980	
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -					Launch Sponsor Mrs. G.J.E. Ellevton.			

MACHINERY

SUPPLIER	SCOTT'S ENG. CO. LTD.	TYPE	SCOTT SULZER TWO CYCLE SINGLE ACTING DIRECT REVERSING TURBO CHARGED OIL ENGINE 7 RND 76 M					
CYLINDERS: No. x DIAMETER	7 x 760 MM		STROKE	1550 MM		PROPULSION MODE	SCREW	
DESIGN 14087 B.R.P. (Service)	115 RPM		DESIGN SPEED	18 KNOTS		ASPIRATION	NATURAL GAS TURBO ✓ HIGH SUPERCHARGE	
Propeller(s): No. 1	✓ RH LH: Dia 19.85 ft: pitch 16.65 mean ft:	No. of blades 4		built : solid ✓ : v.p.		Nikolium : material		
Shafting: intermediate shaft, tail shaft diameters :- 19.3 24.8 inches				fuel : heavy oil...				
Electric Generators: No. x type x K.W. each 3 x 1000 KW Diesel				Voltage 415 ^{50 Hz.} a.c.				

TRIAL INFORMATION

Displacement	13492	Tons: Draught	17.28	ft: Cb	-0.65	: Speed	- 20.16 Knots
B.H.P. 17318 R.P.M. 128.1							

CONTRACT OUTCOME

Invoice Price	Net Profit
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CAREER

Initial Trade:

June/Oct 1982 - chartered to M.O.D for Falklands duties.

Oct 1984 - " for one round voyage to Maritime Assoc. Carriers, Hamburg & renamed Cape Town Carrier.

Feb 1985 - Reverted to owners & renamed 'Myrmidon'.

Feb 1986 - Sold to Nigerian Green Line & renamed 'Bellofolawiyu'.

1988 - with June Ferry, Ltd.

1989 - sold to Cencargo Ltd Bahamas, renamed CMB Exporter.

1992 - " Merchant Promise

SHIP BUILDER	SHIP TYPE	SHIP'S NAME	H.M.S. CHALLENGER.		SHIP No	753	DELIVERY YEAR			
Scott Lithgow Ltd.	Seabed Operations Vessel	SHIP OWNER	Ministry of Defence.		ENGINE No	853	1984			
C.B. TECHNICAL INFORMATION										
DIMENSIONS FEET	L	B	D	Draught	TONNAGE (TONS)	Gross	Register	Displacement	Deadweight	
	439.6	59.06	35.06	18.6		-	-	7640	-	
BALE CAPACITY	C _b	CONSTRUCTION	MATERIAL F&P		SPEED	CLASSIFICATION SOCIETY	INVOICED STEEL WEIGHT - TONS	No. of Masts		
-	0.598	Welded	Steel.		15 knots.	-				
DATES	Order 2 Oct 1979		Keel Lay 23 Jan 1980		Launch 19 May 1981		Delivery 13 Jul 1984			
Passengers Carried	1st Cl - 2nd Cl - 3rd Cl -				Launch Sponsor Mrs. A.A. Pritchard.					
MACHINERY										
<p>HMS Challenger, for service requirements was equipped for dynamic positioning, using a combination of two Voith Schneider propellers aft and three transverse thrusters forward, all electrically driven. Total propulsion power (twin props.) - 6700 h.p. G.E.C. Special Projects provided the dynamic positioning equipment and the main and auxiliary alternator sets :-</p> <p>Main Units : Five Ruston 6 RK CZ(L) engines, each 3520 bhp at 900rpm. driving L.S.E. alternators, 3125 KVA at 0.8 PF, 3300 V. 3 phase. 60hz.</p> <p>Auxiliary Units : Two Ruston 6 RK CZ(L) engines, each 1320 bhp at 900rpm. driving L.S.E. alternators, 938 KVA, 0.8 PF, 440 V. 3 phase 60hz.</p>										
TRIAL INFORMATION										
Displacement	Tons :		Draught		ft :		Cb - 0		Speed -	Knots
S.H.P.	R.P.M.									
CONTRACT OUTCOME										
Invoice Price					Net Profit					
CAREER										
Initial Trade :										
Decommissioned 1990.										

SHIPS BUILT BY SCOTTS SUBSIDIARIES

- SCOTT & SONS, BOWLING.

(1966 - 1979)

THE UNIVERSITY OF CHICAGO

LIBRARY

SHIPS BUILT BY SCOTTS SUBSIDIARIES - SCOTT & SONS, BOWLING. (1966-1979)

YEAR OF BUILD	SHIP'S NAME	TONS GROSS	OWNER	DIMENSIONS L x B x D <small>feet</small>	TYPE	MACHINERY PARTICULARS
1966	GLENCLOY.	200	G & G. Hamilton. Glasgow.	100 x 23 x 9	Coaster.	Alpha Diesel 4 cyl. oil engine, 230 x 400 mm. 30 bhp. C.P. Propeller.
1967	SAINT WILLIAM.	781	J. & A. Gardner. Glasgow	190 x 31.5 x 13	"	Charvier de 4 " " 185 x 210 mm. 1056 bhp. L'Atlantique.
1967	FORTH.	184	Grangemouth & Forth Towing Co.	90 x 25.5 x 13	Tug.	British Polar 6 " " 13½ x 22½ inches. 1140 bhp. C.P. Propeller.
1968	CHIEFTAIN.	205	Steele & Bennie Glasgow.	100 x 26.8 x 13	"	K-H-Deutz 8 " " 320 x 450 mm. 1650 bhp. reverse reduction gear.
1968	14 TH OCTOBER.	208	Aden Port Trust.	96 x 27 x 13	"	Ruston & Hornsby 6 " " 10¼ x 14½ inches. 1570 bhp. reverse reduction gear to one shaft.
1969	FLYING SCOUT.	290	Clyde Shipping Co. Glasgow.	112 x 28.5 x 14.5	"	British Polar 8 " " 250 x 300 mm. 2400 bhp total. geared to a single shaft. C.P. propeller.
1970	WESTONDYKE.	696	Klondyke Shipping Co.	190 x 32.5 x 14.3	Coaster.	Lister Blackstone 8 " " 8¾ x 11½ inches. 1000 b.h.p. single reduction gearing.
1970	FENDYKE.	696	"	"	"	" " " " " " " "
1971	SAINT BEDAN.	1251	J. & A. Gardner Glasgow.	219.5 x 38 x 17.3	"	Eng. Elec. Diesels 12 " " 10 x 12 inches. 2500 bhp. reverse reduction gear.
1973	GRAMPIAN MONARCH.	480	Geo. Craig & Son. Aberdeen.	123 x 32 x 20.	Stern Trawler.	Ruston Paxman 12 " " 254 x 305 mm. 1900 bhp. single reduction gear.
1974	NORSE.	1448	British United Trawlers Hull.	177.5 x 41 x 26.3	Fish Factory Stern Trawler.	Lister Blackstone 6 " " 381 x 457 mm. 3180 bhp. single reduction gear. C.P. propeller.
1974	MATEUS DE CORDOVA.	-	Mexican Government.	111.8 o.a. x 28.4 x 13.6		
1974	JOSE MARIA IZAZIGA.	-	"	"	Fishery	
1975	LEON GUZMAN.	-	"	"	Protection	Paxman Ventura 12 " " 197 x 216 mm. 3600 bhp. total.
1975	FELIX ROMERO.	-	"	"	Vessels.	(Twin)
1975	PASTOR ROUAUX.	-	"	"		
1975	GRAMPIAN GLEN.	127	Geo. Craig & Son.	76.3 x 22 x 11	Side Trawler	Lister Blackstone 6 " " 222 x 292 mm. 750 bhp. reverse reduction gear.
1975	GRAMPIAN HILL.	120	Aberdeen.		"	" " " " " " " "

PROPELLING MACHINERY
BUILT BY SCOTTS
FOR OTHER SHIPBUILDERS.

[illegible]

Days of Rain (X)	Days of Sunshine (Y)
0	10
1	9
2	8
3	7
4	6
5	5
6	4
7	3
8	2
9	1
10	0

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR OF BUILD | SHIPS NAME | TONS GROSS | SHIPBUILDER | ENGINE BUILDER | OWNER | SHIPS DIMENSIONS ft. | MACHINERY PARTICULARS | Paddle or Screw |
|---------------|-----------------|------------|-----------------------|----------------|--------------------------|----------------------------------|---|-----------------|
| 1826 | DROGHEDA. | 310 | Simons. | Scott Sinclair | Drogheda S.S.Co. | | 110 NHP Side Lever. | P |
| 1832 | ROYALADELAIDE. | 550 | Menzies of Leith. | " | London, Leith, Edinburgh | 155 x 26.7 | 200 NHP Side Lever. | P |
| 1835 | ROYAL VICTORIA. | 766 | | " | Glasgow S.S.Co. | 166 x 25.25 | 300 NHP Side Lever. | P |
| 1835 | CERES. | 250 | Marshall & Lowe | " | Hunter River Rocket | 134 x 38 | 80 NHP Side Lever. | P |
| | | | Clarence Town. N.S.W. | " | Navigation Co. | | | |
| 1836 | OCEAN | 507 | | " | Cork Steam Nav Co | 154.6 x 23.6 | 220 NHP Side Lever. | P |
| | | | Liverpool. | | | | | |
| 1836 | BRAGANZA | 688 | Fletcher & Fearmall | " | P&O. | 156.7 x 24.5 x 18.5 | 264 NHP Side Lever. 2 cyls. 62" bore x 5.75 ft. stroke. | P |
| | | | Poplar. | " | | | | |
| 1837 | PAQUET DU NORTE | | Robert Duncan. | " | Brazilian. | | 70 NHP Side Lever. | P |
| | | | Port Glasgow | " | | | | |
| 1839 | HMS. HECATE | 817 | Chatham Dyd. | " | Admiralty | 165 x 33 | 250 NHP Side Lever. 2 cyls. 60" bore x 5.67 ft. stroke | P |
| 1839 | HMS. HECLA | 817 | " | " | " | 165 x 33 | 250 NHP Side Lever. | P |
| 1842 | HMS. SPIERUL | 1054 | Pembroke Dyd. | " | " | 180 x 36 | 260 NHP Side Lever. | P |
| | | | | | | | | |
| 1841 | SOLLWAY | 1700 | McMillan. | " | Royal W.I. Mail Co. | 245 x 60 ^{over} paddles | 450 NHP Side Lever. | P |
| | | | Greenock. | " | | | | |
| 1844 | FAUGH A BALLACH | 650 | Caird. | " | Drogheda S.S.Co. | 178 x 26 x 16 | 270 NHP Side Lever. | P |
| | | | Greenock. | " | | | | |
| 1845 | FEROZE | 1450 | Bombay Dyd. | " | Indian Navy. | 240 x 44 | 500 NHP Side Lever. | P |
| 1845 | AJDAHA | 1440 | Fletcher, Limehouse | " | " | 240 x 44 | 500 NHP Side Lever. | P |
| | | | | | | | | |
| 1847 | EXPRESS. | 234 | West Ham | " | Harvey, Hoyle. | 141 x 21.5 | 100 NHP Side Lever. | P |
| | | | London. | " | | | | |
| 1851 | RAVENSBORNE | 606 | Bow, London. | " | ? | 195 x 27.1 | 200 NHP Side Lever. | P |

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR OF BUILD | SHIPS NAME | TONS GROSS | SHIPBUILDER | ENGINE BUILDER | OWNER | SHIPS DIMENSIONS ft. | MACHINERY PARTICULARS | Riddle or Screw |
|---------------|-----------------|------------|-----------------------------|----------------|-----------------------------------|----------------------|--|-----------------|
| 1852 | DUNOON. | 1 | Lawrence Hill | Scott Sinclair | Caledonian Railway | 135 x 15.25 x 6.5 | 60 NHP. Steeple, one cylinder. | P |
| 1852 | HELENSBURGH. | | Port Glasgow. | " | " | " | 60 NHP. | P |
| 1853 | HMS. BRISK. | 1074 | Woolwich Dyd. | " | Admiralty. | 193.6 x 35 x 13.75 | 250 NHP. Horiz. direct acting, 2 cyls, 52" bore x 3.5 ft stroke geared 2.25/1. | S |
| 1853 | FLORA. | | Robinson, Cork | " | | | | S |
| 1854 | LEDA. | | Malcolmson, Waterford | " | | | | S |
| 1856 | DOM PEDRO. | 299 | Steele, Greenock. | " | Glasgow & Lisbon Steam Packet Co. | 158 x 20.1 x 12.4 | 90 NHP. | S |
| 1856 | TASMANIA. | | | " | St. Petersburg Steam Nav. Co. | | | P |
| 1856 | AURORA. | | Robinson, Cork. | " | Malcolmson, Port Law | 200 x 18.6 x 7.7 | 110 NHP. | S |
| 1857 | LUNA. | | Malcolmson, Waterford | " | | | Direct acting, 2 cyls, 45" bore. | S |
| 1858 | PRINCE of WALES | 142 | Lawrence Hill, Port Glasgow | " | Smollet, Glasgow. | | 75 NHP. Diag. 2 cyls, 34" bore x 3.5 ft. stroke : 23 p.s.i. steam. | P |
| 1858 | ABEUS. | | Malcolmson, Waterford | " | | | 250 NHP. | S |
| 1859 | FERROL. | 700 | Robinson, Cork | " | | | | |
| 1861 | ST. GEORGE. | 1468 | Steele, Greenock. | " | Allan, Glasgow. | 253.5 x 33.83 x 22 | 175 NHP. 2 cyls. vertical direct acting with Spencer surface condenser. | S |
| 1861 | GLENFALLOCH. | 449 | Portland, Troon | " | W. Grieve. | 140 x 28.1 x 17.5 | Auxiliary Engine. | S |

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR
OF
BUILD | SHIPS
NAME | TONS
GROSS | SHIPBUILDER | ENGINE
BUILDER | OWNER | SHIPS
DIMENSIONS
ft. | MACHINERY PARTICULARS | Boiler
or
Screw |
|---------------------|----------------|---------------|---------------------|-------------------|---------------------------|----------------------------|--|-----------------------|
| 1860 | HMS. RAPID. | 1 | Deptford Dyd. | Greenock Fdy. | Admiralty. | 160 x 30.33. | 500 IHP | S |
| 1861 | HMS. PANTALON. | | Devonport Dyd. | " | " | " | 484 IHP | S |
| 1861 | HMS. ROSARIO. | | Deptford Dyd. | " | " | " | 464 IHP | S |
| 1861 | HMS. PETEREL. | | Devonport Dyd. | " | " | " | 478 IHP | S |
| 1861 | HMS. COLUMBINE | | Deptford Dyd. | " | " | " | 521 IHP | S |
| 1862 | HMS. ROYALIST. | | Devonport Dyd. | " | " | " | 627 IHP | S |
| 1862 | HMS. AFRICA. | | Devonport Dyd. | " | " | " | 530 IHP | S |
| 1862 | BESTIA. | | | " | Valery Frères. | " | 150 NHP | S |
| 1862 | VIOLA. | | Robinson - Cork. | " | " | " | 150 NHP | S |
| 1862 | SMOKER. | 105 | " | " | Chappell | 94.9 x 18.4 x 8.0 | 50 NHP | S |
| 1862 | COLLEENA. | 234 | Swan - Glasgow. | " | Maries - Glasgow. | 140 x 19.7 x 11.5 | 36 NHP | S |
| 1863 | GIBALTAR. | | | " | " | " | 150 NHP | S |
| 1863 | ARIEL. | 200 | Portland - Troon. | " | Baine - Greenock. | 100 x 19.3 x 10.3 | 35 NHP | S |
| 1863 | GERTRUDE. | 345 | Barclay, Curle | " | Begbie - London. | 160 x 21.0 x 11.0 | 70 NHP 2 cylrs. oscillating, geared, 38" bore x 3 ft. stroke. | S |
| 1863 | EMMA. | 345 | " | " | " | " | 70 NHP | S |
| 1864 | CHILIAN. | 1341 | Robinson, Cork. | " | W. & L. Pacific S. S. Co. | 214.3 x 30.3 | 180 NHP | S |
| 1864 | CORDOVA. | | " | " | " | " | 160 NHP | S |
| 1864 | GONDOLA. | | " | " | " | " | 160 NHP | S |
| 1864 | SEAWARD. | | | " | " | " | 300 NHP | S |
| 1865 | AVOCA. | 844. | Robinson - Cork. | " | B & I S. M. P. & Co. | 230 x 30 x 16 | 150 NHP 2 cylrs. direct acting vertl., 45 bore x 3 ft. stroke. | S |
| 1865 | VANCOUVER. | | | " | " | " | | S |
| 1865 | WISCONSIN. | | | " | " | " | | S |
| 1865 | VALENTA. | | | " | " | " | | S |
| 1865 | MALAGA. | 253 | Swan - Glasgow. | " | Maries - Glasgow. | 139 x 19 x 11.9 | 45 NHP | S |
| 1865 | CYCLONE. | 887 | Denny - Dumbarton. | " | Denny - Dumbarton. | 215 x 31 x 21.0 | 209 NHP 2 cylrs. direct acting horiz, 56" bore x 2.5 ft stroke | S |
| 1866 | LION. | 393 | Steele, Greenock. | " | Grieve - Greenock. | 135.9 x 28.2 x 16.4 | 100 NHP | S |
| 1866 | PANTHER. | 327 | Mitsubishi - Canada | " | Mitsubishi - Miramichi. | 135 x 28 x 14.1 | 64 NHP | S |
| | | | | | | | | S |
| | | | | | | | | S |

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR
OF
BUILD | SHIPS
NAME | TONS
GROSS | SHIPBUILDER | ENGINE
BUILDER | OWNER | SHIPS
DIMENSIONS
ft. | MACHINERY PARTICULARS | Paddle
or
Screw |
|---------------------|-------------------|---------------|---------------------|-------------------|------------------------------------|----------------------------|---|-----------------------|
| 1866 | FITZWILLIAM. | 1306 | Swan, Glasgow. | Greenock Fdy. | Burrell & McLean. | 160.6 x 19.7 x 12.0 | 56 NHP. 2 cyls. v.d.a. 24" bore x 1.5 ft. stroke | 25 psi steam S |
| 1866 | ONCLE JOSEPH. | 823 | Scott, St. Nazaire. | . | Valery Frères. | 214 x 28.5 | 120 NHP compound v.d.a. 23 1/2 x 50 1/2" bore x 2.5 ft. stroke. | S |
| 1866 | VANNINA. | 853 | . | . | . | " | 120 NHP | S |
| 1866 | COLOMBA. | 836 | . | . | . | " | 120 NHP | S |
| 1867 | PERUSIA. | 2717 | Tod & MacGregor. | . | Denny, Dumbarton. | 353 x 41 | 500 NHP compound v.d.a. 57 x 95" bore x 3.75 ft. stroke. | S |
| 1867 | PALERMO. | 260 | Swan, Glasgow | . | Florio, Palermo. | 140 x 19.75 x 15.5 | 34.5 NHP 2 cyls. v.d.a. 22" bore x 1.5 ft. stroke. | S |
| 1867 | COLUMBIAN | 2283 | Simons, Glasgow. | . | P & O | 33.2 x 39.6 x 25.6 | 500 NHP 2 cyls. v.d.a. 74" bore x 3.5 ft. stroke. | S |
| 1867 | ENNISKILLEN. | 664 | Vernon, Liverpool. | . | Robertson, Grangemouth. | 212.6 x 25.9 x 15.2 | 82 NHP 2 cyls. v.d.a. 24" bore x 1.5 ft. stroke | 25 |
| 1868 | LADY ALICE KENLIS | 205 | Swan, Glasgow. | . | A. Andrews. | 123.3 x 19.6 x 9.8 | 40 NHP 2 cyls. v.d.a. 22" bore x 2.33 ft. stroke | 22 psi steam S |
| 1870 | PALATINE. | 305 | Steele, Greenock | . | Earl of Winton. | 159.2 x 25 x 14.4 | 70 NHP compound v.d.a. 18 x 40" bore x 2.33 ft. stroke. | S |
| 1870 | CORINTHIAN. | 1517 | Denny, Dumbarton. | . | Allan, Glasgow. | 288.3 x 32 x 22.1 | 166 NHP compound v.d.a. 33 1/2 x 66" bore x 3 ft. stroke. | 62 psi steam S |
| 1872 | CARDIFF. | | | | | | | S |
| 1872 | BLOODHOUND. | 396 | Stephen, Dundee. | . | British War Vessel. | 160 x 32.2 x 18.3 | 120 NHP compound v.d.a. 23 x 46" bore x 3 ft. stroke. | 62 psi steam S |
| 1873 | PROTEUS. | 687 | . | . | Stewart - St. Johns. | 190.4 x 29.9 x 18.6 | 110 NHP compound v.d.a. 25 x 50" bore x 2.5 ft. stroke. | S |
| 1873 | GATHORNE | 1196 | Hill, Cardiff. | . | Young, Christie, Cardiff. | 243.9 x 29.1 x 7.5 | 99 NHP compound v.d.a. 25 x 52" bore x 2.5 ft. stroke. | S |
| 1874 | BEAR | 628 | Stephen, Dundee. | . | Grieve, Greenock | 190.4 x 29.9 x 18.8 | 110 NHP compound v.d.a. 25 x 50" bore x 2.5 ft. stroke. | S |
| 1875 | TENASSERIM. | 2693 | Denny, Dumbarton. | . | British & Burmese
Stm. Nav. Co. | 350 x 37 x 28.5 | 348 NHP compound v.d.a. 47 x 82" bore x 3.5 ft. stroke. | 60 psi steam S |

v.d.a. = vertical direct acting.

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR OF BUILD | SHIPS NAME | TONS GROSS | SHIPBUILDER | ENGINE BUILDER | OWNER | SHIPS DIMENSIONS ft. | MACHINERY PARTICULARS | Roller or Screw |
|---------------|----------------|------------|-------------------------|----------------|-------------------------------|----------------------|---|-----------------|
| 1876 | ELECTRICO. | | | Greenock Fdy. | Florio. Palermo. | | 677 IHP (trial) compound 40" x 70" bore x 5 ft. stroke (diag) | P |
| 1876 | BELLE. | 1150. | J.E. Scott.
Greenock | " | Covk. S.S. Co. | 240 x 30 x 16.7 | 400 NHP compound, cyls. 45" x 28" bore x 5.75 ft. stroke | S |
| 1876 | ACHILLES.* | 2280. | Scotts. | " | Ocean Steam. | 309.3 x 38.8 x 28.4 | 822 IHP compound tandem, cyls. 28" x 56" bore x 4.33 ft. stroke | S |
| 1878 | AGAMEMNON.* | " | " | " | " | " | 783 IHP trial. | S |
| 1879 | ATAX.* | " | " | " | " | " | 866 IHP | S |
| 1881 | PRIAM.* | 2039. | " | " | " | 309.7 x 34 x 29.08 | 727 IHP trial. single cylr. 40" bore x 5.5 ft. stroke | S |
| 1884 | EUROTUS. | 421. | McMillan-Dumbarton | " | Greek Navy. | 130 x 25 x 14 | 330 IHP trial. compound, cyls. 23" x 43" bore x 1.75 ft. stroke | S |
| 1885 | PENNEUS. | 421. | " | " | " | " | v.d.a. | S |
| 1887 | MOSELLE. | 400. | " | " | Pacquet. Marseille. | 145 x 22.5 x 10 | 440 IHP trial compound cyls. 22" x 40" bore x 2.25 ft. stroke
v.d.a. | S |
| 1888 | HMS-DAPHNE. | - | Sheerness Dyd. | " | Admiralty. | 195 x 30 x 12.5 | 2080 IHP trial. triple expn. cyls. 18 1/2, 29 x 43" bore x 80 psi steam. | S |
| 1888 | HMS-NYPHE. | - | Portsmouth Dyd. | " | " | " | 2.0 ft. stroke. (horiz.) | 140 psi steam. |
| 1892 | HMS-HERCULES. | - | Chatham Dyd. | " | " | 325 x 59 | 733 IHP trial triple expn. cyls. 49", 72" x 108" x 4.5 ft. stroke.
(re-engine contract) | S |
| 1893 | HMS-BARFLEUR | - | Chatham Dyd. | " | " | 360 x 70 | 1363 IHP trial vert. triple expn. cyls 28", 45" x 74" bore x 4.5 ft | 25 |
| 1893 | HMS-CENTURION | - | Portsmouth Dyd | " | " | 360 x 70 | 1320 IHP trial stroke.
150 psi steam. | 25 |
| 1894 | LOA. | 1657 | Reid. Glasgow. | " | Sud. Americano
de Vapores. | 340 x 42 x 23 | 3532 IHP trial, vert. triple expn. cyls 28", 45" x 74" bore x 4.5 ft stroke. | S |
| 1899 | HMS CANOPUS. | - | Portsmouth Dyd | " | Admiralty. | 400 x 74 | 13780 IHP trial vert. triple expn. cyls. 30", 49" x 80" bore x 160 psi steam. | 25 |
| 1901 | CLAN McMILLAN. | 4525 | McMillan-Dumbarton. | " | Clan Line. | 395 x 48 x 30 | 4.5 ft. stroke
2247 IHP trial vert. triple expn. cyls. 25", 41" x 67" bore x 250 psi steam | S |
| 1901 | CLAN McCREGOR | 4511 | " | " | " | " | 2554 IHP trial 4 ft. stroke. | S |

* Re-engine contracts.

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR OF BUILD | SHIPS NAME | TONS GROSS | SHIPBUILDER | ENGINE BUILDER | OWNER | SHIPS DIMENSIONS ft. | MACHINERY PARTICULARS | Paddle or Screw |
|---------------|------------------|------------|---------------------------------------|----------------------|------------------------|----------------------|--|-----------------|
| 1901 | NADIA | 2422 | Greenock and Grangemouth Dredging Co. | Greenock Fdy | Fumentum S.S. Co. | 300 x 44.3 x 22.08 | 1414 IHP trial Triple Expansion, cyls. 22", 36" and 59" bore x 3.25 ft. stroke. 180 psi. steam. | S |
| 1902 | LA PORTE | 2448 | " | " | R. Hocken - London | " | 1588 IHP trial | S |
| 1902 | BALTIQUE | 2450 | " | " | J. Roy. - Rouen | " | 1351 IHP trial | S |
| 1904 | PRINCE OF WALES | - | Orkney Dockyard. | Scotts S.E. Co. | Admiralty. | 400 x 75 | 1536 IHP trial. Triple Expansion, cyls. 31", 51", 84" bore x 4.25 ft. stroke. 250 psi steam. | 2 S |
| | OLAF. | | Napier & Miller | | | | Order received on 8th November, 1904 for 20 sets of propelling machinery for a fleet of paddle steamers to ply on the Thames Estuary - was completed by June 1905. | |
| | CHARLES LAMB. | | | | | | | |
| | EARL GODWIN. | | | | | | | |
| | FITZAILWIN. | | | | | | | |
| | TURNER. | | | | | | | |
| | ERWIN IRONSIDE | | | | | | | |
| | COLECHURCH. | | | | | | | |
| | CHAUCER. | | | | | | | |
| | CAXTON. | | | | | | | |
| 1905 | WHITTINGTON. | 127 | " | Scotts S.E. Co. Ltd. | London County Council. | 130 x 18.5 x 7.0 | Each installation comprised one Scotch boiler 9 ft. diameter x 9 ft. 3 inches long. (110 p.s.i.) together with a compound engine cylinders 16" and 31" bore and stroke 3 feet. | P |
| | THOMAS MORE | | Thornycroft | | | | | |
| | GRESHAM. | | | | | | | |
| | RENNIE. | | | | | | | |
| | FRANCIS DRAKE | | | | | | | |
| | RALEIGH. | | | | | | | |
| | MARLOWE. | | | | | | | |
| | SHAKESPEARE | | Rennie. | | | | | |
| | PEPYS. | | | | | | | |
| | BEN JOHNSON | | | | | | | |
| | CHRISTOPHER WREN | | | | | | | |

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR OF BUILD | SHIPS NAME | TONS GROSS | SHIPBUILDER | ENGINE BUILDER | OWNER | SHIPS DIMENSIONS ft. | MACHINERY PARTICULARS | Ratio or Screw |
|---------------|-------------------|------------|---------------------|------------------|----------------------|-----------------------|---|----------------|
| 1908 | HMS. DEFENCE. | - | Pembroke Dyd. | Scott's & E. Co. | Admiralty. | 490 x 74.5 x 26.0 | 27540 IHP. Triple expansion, 4 cyls. 40 1/2, 2 x 74 1/2 and 4 ft. stroke. | 25 |
| 1909 | HMS. ST. VINCENT. | - | Portsmouth Dyd. | " | " | 490 x 84 x 27.0 | 24500 SHP. HP & LP turbines in each of two sets drove 4 shafts. | 45 |
| 1915 | RFA. SERVITOR | - | Chatham Dyd. | " | " | 200 x 33.75 x 12.6 | 450 BHP. Scott Fiat oil engines each with 4 cyls 11.8" bore and 17.4" stroke. | 25 |
| 1916 | HMS. CONQUEST | - | " | " | " | 420 x 39 x 13.5 | 40,000 SHP from 4 independent turbines each driving a propeller. | 45 |
| 1917 | HM. SUB. K5 | - | Portsmouth Dyd. | " | " | 335 x 26.5 x 15.9 | 10,000 SHP from two shafts. Each HP/LP turbine set driving through single reduction gearing. | 25 |
| 1920 | CLAN MTACGART | 7600 | Ayrshire Dockyard | " | Clan Line | 450 x 57.5 x 37.5 | 4800 SHP from HP/LP turbine set through double reduction gearing to the propeller. | 5 |
| 1921 | CLAN MTAVISH | 7600 | " | " | Glasgow. | " | | |
| 1921 | KWANG CHOW. | 2626 | Taikoo Hong Kong | " | China Navigation Co. | 310 x 44 x 23 | As immediately above but 1600 SHP | 5 |
| 1921 | KWANG TUNG. | 2626 | " | " | " | " | " | 5 |
| 1921 | KIANGSU | 2661 | " | " | " | " | " | 5 |
| 1937 | HMS. GLOUCESTER | - | Dartmouth Dyd. | " | Admiralty. | 591.5 x 64.17 x 33.25 | 75000 SHP from 4 HP/LP turbine sets with single redn. gearing. (Cruising turbines double reduction) | 45 |
| 1942 | HMS. SIRIUS. | - | Portsmouth Dyd. | " | " | 485 x 50.5 x 28.4 | As immediately above - 62000 SHP. | 45 |
| 1942 | HMS. PHEASANT | - | Yarrow | " | " | 283 x 38.5 x 17.5 | 4300 SHP from 2 HP/LP turbine sets. (single reduction) | 25 |
| 1943 | HMS. REDPOLE | - | " | " | " | " | " | 25 |
| 1946 | HM. SUB. ALARIC | - | Cammell, Laird | " | " | 220 x 22.5 x 19 | 4300 BHP from 2 Admiralty design oil engines. | 25 |
| 1947 | SHERBRO | 4811 | Furness S.B. Co | " | Elder Dempster | 385 x 57 x 24 | Scott Duxford 56 LB 4 oil engine 2750 b.h.p | 5 |
| 1948 | STAR OF ASSUAN | 5464 | Caledon Dundee | " | Alexandria Nav. Co | 375 x 55 x 33 | " " " " 2500 " | 5 |
| 1949 | ELIN HAVEN | 4316 | Burntisland S.B. Co | " | J. Kilde, Bergen. | 397 x 55.5 x 36 | " " 67 LB 4 " 4400 " | 5 |
| 1949 | WANSTEAD | 5664 | Caledon, Dundee | " | Britain Shipping Co | 410 x 56.5 x 37.5 | " " 67 LB 5 " 5500 " | 5 |
| 1950 | WENDOVER | 5664 | " | " | " | " | " " 67 LB 5 " 5500 " | 5 |

PROPELLING MACHINERY BUILT BY SCOTTS' FOR OTHER SHIPBUILDERS.

| YEAR OF BUILD | SHIPS NAME | TONS GROSS | SHIPBUILDER | ENGINE BUILDER | OWNER | SHIPS DIMENSIONS ft. | MACHINERY PARTICULARS | Reddle or Screw |
|---------------|---------------------|------------|----------------------|-----------------|--------------------------------|----------------------|--|-----------------|
| 1950 | WOODFORD. | 5664 | Caledon. Dundee | Scotts S.E. Co. | Britain Shipping Co. | 410 x 56.5 x 37.5 | Scott Duxford 67 LB 5 oil engine 5500 BHP | S |
| 1950 | TENTO. | 4750 | Burntisland S.B. Co. | " | Aaby, Oslo. | 427.5 x 57 x 37.5 | " 67 LB 4 " 4500 " | S |
| 1950 | ANSHUN. | 6224 | Taikoo Hong Kong. | " | China Navigation Co. | 390 x 56.5 x 33.0 | " 67 LB 4 " 4500 " | S |
| 1951 | BERGE BERGSEN. | 10403 | Rosenberg, | " | Snefonn, Stavanger. | 495 x 67.75 x 36.4 | " 67 LB 5 " 5500 " | S |
| 1952 | KONGSTANK. | 10406 | Stavanger. | " | Solvang, Stavanger. | " " " | " 67 LB 5 " 5500 " | S |
| 1952 | CORATO. | 11479 | Greenock Dyd. Co. | " | Hadley S.S. Co. | 510 x 69 x 38.5 | " 67 LB 5 " 5500 " | S |
| 1953 | ALVA CAPE. | 11252 | " " | " | Alva Steamship Co. | 512 x 69 x 38.5 | " 67 LB 6 " 6600 " | S |
| 1954 | PERANG. | 6177 | Gray Hartlepool. | " | Elder Dempster. | 425 x 60 x 38 | " 56 LB 4 " 2800 " | S |
| 1957 | SUNVICTOR. | 9266 | Burntisland S.B. Co. | " | Sagueny, Canada. | 450 x 62.75 x 38.5 | Scott Pametvada HP/LP turbine set with double reduction gearing 5000 SHP | S |
| 1957 | CANADIAN STAR. | 6291 | Caledon. Dundee | " | Blue Star Line | 435 x 63 x 39.5 | Scott Duxford 725 SBD 6 oil engine 7000 BHP | S |
| 1957 | NORTHEMPRESS. | 10632 | Blythwood | " | Palamedos, Panama | 485 x 67.75 x 41.75 | " 70 LBD 6 " 6500 " | S |
| 1957 | GRECIAN EMBLEM | 9412 | " | " | Gaulardris, London. | 470 x 63.17 x 41.67 | " 70 LBD 5 " 5600 " | S |
| 1963 | BOOKER VANGUARD. | 5417 | Burntisland S.B. Co. | " | Backer, Liverpool | 371 x 58.3 x 30.5 | Scott Sulzer 6 RD 56 " 5000 " | S |
| 1966 | HUNAN. | 8966 | Taikoo Hong Kong. | " | China Navigation Co. | 450 x 66.5 x 39.25 | " 6 RD 90 " 13611 " | S |
| 1967 | HMAS STALLWART. | " | Cockatoo, Sydney | " | Australian Navy. | 470 x 67.5 x 39 | " 6 RD 68 " 12840 " total 2S | 2S |
| 1967 | RALPH MISENER. | 19160 | Canadian Vickers | " | Scott Misener. | 730 x 75 x 42 | " 6 RD 76 " 9470 " | S |
| 1967 | MAESS TALLSMAN. | 40919 | Lithgows. | " | Nile Steamship Co. | 796 x 104 x 60 | " 9 RD 90 " 20700 " | S |
| 1977 | MANCHESTER VANGUARD | 16544 | Smiths Dock | " | Manchester Lines | 524.9 x 82.5 x 51.5 | " 7 RND 90 " 20016 " | S |
| 1977 | MANCHESTER VENTURE | 17385 | " " | " | " | " " " | " 7 RND 90 " 20016 " | S |
| 1978 | MULHEIM. | 37640 | Emag. Brazil | " | Hapag Lloyd. | 600.8 x 90.6 x 48.6 | " 6 RND 76 " 11832 " | S |
| 1978 | ETREMA. | 18072 | St. John N.B. | " | Shell. | 531.5 x 85.3 x 47.6 | " 6 RND 76 " 11832 " | S |
| 1978 | OROYA. | 14275 | Lithgows. | " | Furness Withy. | 508.5 x 75 x 44 | " 6 RND 76 " 11832 " | S |
| 1978 | OROPESA. | 14275 | " | " | " | " " " | " 6 RND 76 " 11832 " | S |
| 1978 | FUNING. | 9296 | Austin & Pickersgill | " | Taikoo Nav. Co. | 451 x 67 x 38.52 | " 4 RND 68 M " 7463 " | S |
| 1980 | GRAND FAITH | 8926 | " | " | Grand Kingdom, Inc. (Monrovia) | " " " | " 4 RND 68 M " 7463 " | S |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SCOTT SHIP LIST.

SUMMARY.

The Ship List Summary which follows includes all ships known to have been built in Greenock in the Scott West Burn, Carlsdyke and Carlsburn shipyards between 1775 and 1984. All ships have been categorised by type and by year of build in five year periods. Merchant and naval ships have been grouped separately.

The many developments in shipbuilding and marine engineering during the long history of Scotts and covered in Volume One of this thesis are also reflected in the List Summary.

The changes in fashion of ship type and mode of propulsion are clearly identified starting with the early dominance of sailing vessels. The slow emergence of the paddle steamer on coastal and cross channel routes during the first half of the 19th century did not represent a serious threat. However, c.1850 the arrival on the scene of the screw steamer driven by compound expansion steam machinery led ultimately to penetration of the long haul ocean trades, for so long the preserve of the sailing ships, by Holt's 'Agamemnon' class of steamers built by the Scotts. The 1880s saw further improvement with the introduction of the triple expansion engine made possible by the introduction of the corrugated boiler furnace which led to higher boiler pressures being employed - a development supported and financed by the Scotts.

The impact of Charles Parsons 'Turbina' was remarkable but was for many years confined mainly to the naval scene. Meanwhile the reciprocating steam engine held sway up to and through the First World War. In the years following the end of that war there was a brief period of domination by the steam turbine which in turn gave way to the new slow speed oil engine which by the end of the Second World War had almost entirely taken over the merchant market.

The demise of the general cargo ship c.1960 coincident with the introduction of container ships and bulk carriers is also shown.

The dual numbers of ships listed for the periods 1851-5 and 1856-60 represent, left to right, the production of Scott and Sons and Scott and Co. respectively.

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MACHINERY HORSEPOWER.

The following table provides information on the horsepower of the propelling machinery built by the Scotts between 1825 and 1980 in three categories.

| <u>Type of Machinery</u> | <u>No. of Sets Built</u> | <u>Horsepower.</u> |
|--------------------------|--------------------------|--------------------|
| Steam Reciprocating | 500 | 570,000 |
| Diesel | 154 | 882,000 |
| Turbine | <u>184</u> | <u>2,412,000</u> |
| Total | <u>838</u> | <u>3,864,000</u> |

1944-1945

1946-1947

1948-1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

INDEX.

| | | | | | |
|-------------------|---------------------|------------------|-------------|--------------------|-------------|
| Abeous | 834 | Argo | 300,368 | Bluebell | 564 |
| Acheron | 524 | Argyll | 71,514 | Bolnes | 776 |
| Achilles | 254,477,596,837 | Ariadne | 301 | Bonaventure | 668 |
| Aconcagua | 606 | Ariel | 835 | Booker Vanguard | 840 |
| Acorn | 7, 27,110,195 | Ark | 66 | Border Hunter | 739 |
| Actif | 221 | Army and Navy | 142 | Border Regiment | 736 |
| Active | 35 | Artemis | 717 | Borgnis Desbordes | 431 |
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