

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office

7 AUG 1935

State if Report has been sent on the Freeboard of the Vessel YES.State if Report is sent on the Machinery of the Vessel YES.

Date of completion of report

3RD AUGUST 1935 Port of GREENOCK.

No. 19991.

Survey held at GREENOCK.

Date First Survey 11TH MARCH 1935.Last Survey 2ND AUGUST 1935.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW MOTORSHIP - ARDUITY - MACHINERY AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

FULL SCANTLING.

State Type of Erections POOP, RAISED QUARTER DECK & FORECASTLE.

TONNAGE under Tonnage Deck

194.95

CLASS

100.A.1.

State if with freeboard as condition of Class

No

Built at GREENOCK.

Do. of space or spaces on Tonnage Dk. (Type Dk.)

Tonnage 303.71

r Tonnage 142.93

STERED DIMENSIONS.

FEET.

116.2

25.5

8.8

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 116

Breadth (greatest moulded)

B 25.42

Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 9.75

1st Longitudinal Number (L x D) = 1131

2nd Numeral L x (B + D) = 4079

Framing Depth "d." at middle of length. See Sec. 3 (1d)

8.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.9

Do. Long Bridge to top of keel

8.92

Draught Moulded

9'-7 1/2"

Managers

Residence LONDON

Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock

BUILDING & AFLOAT.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
Spacing amidships	21		Bracket Floors, Frame		
" from 3/4 length to Collision bulkhead	21"		" " Reversed Frame		
" in peaks	21"		" " Vertical Struts		
AMING.			Centre Girder, depth and thickness amidships		
Amidships, Angle, E or F	4 2 1/2 30		" " top Angles		
" Extends up to	DECK		" " bottom Angles		
d Frame Amidships, Angle	TOP OF FLOORS 3 3 30		Side Girders, No. each side and thickness		
" Extends up to	ACROSS TOP OF FLOORS.		Margin Plate depth (excl. of flange) and thickness		
f Framing Girder	4"		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
Third " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem		
in Peaks, Angle or F	4 2 1/2 30		Tank Side Brackets, height above base line at toe of Frame and thickness		
r and Spacing of Rivets through Frame and Shell Plating amidships	3/4 RIVS @ 5 1/4"		INNER BOTTOM PLATING.		
Frame Joggled	No		Breadth and thickness of Middle-Line Strake		
ARRANGEMENTS (Sec. 7), state system and particulars	(ONE SIDE STRINGER FITTED AL PER APPROVED PLAN)		Thickness of remainder in Holds		
ENING OF BOTTOM FOR	(DOUBLE FRAMES INCREASED SHELL RIVETING AS PER APP PLAN)		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
State Particulars	ALSO 4 x 2 1/2 x 30 BA REV BARS.		BEAMS.		
TTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	4 1/2 3 32	
Depth and thickness at mid-line in Holds	15 x 37.5		" " in way of Bridge, Angle, E or F		
Height of Brackets at side above base line at toe of frame	FLOORS LEVEL		Spacing	21	
Line Keelson, on Floors, Angles, E or F	3 1/2 3 38		R. Q.		
" " Through Plate or Intercoastal Plate	.31		Second Deck, amidships, Angle, E or F	4 1/2 3 32	
" " Foundation Plate on Floors			Spacing	21	
" " Flat Plate Keel Angles	3 1/2 3 1/2 32		Third Deck, amidships, Angle, E or F		
Isos, No. each side	TWO		Spacing		
thickness of Intercoastal Plate	.27		Fourth Deck, amidships, Angle, E or F		
Angles	5 x 3 x 38 DOUBLE FROM BREAK BND TO F.P. BND		Spacing		
OTTOM.			Poop Deck, Angle, E or F	6 3 44	
ors, thickness and spacing			Spacing	42	
Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, E or F		
Floors, breadth and thickness at middle line			Spacing		
breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	4 3 32	
			Spacing	21	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	ONE ✓	✓	Stringer Plate, breadth and thickness in way of Bridge	✓	✓
" " " " " " in 'tween Decks, Size and Spacing.....	✓	✓	Thickness of Plating abreast Deck openings } in way of Wells	STRINGER PLATE	✓
" " " " " " " " " " " "	✓	✓	Thickness of Plating abreast Deck openings } in way of Bridge	✓	✓
" " " " " " " " " " " "	3" UNDOER R.G.DK. 2 3/4" " MAIN DK 6 x 5 x 25 LBS H BAR AT MATCH ENDS.	✓	Thickness of Plating within line of openings...	.375	✓
Centre Line Bulkhead.			If Sheathed, material and thickness	NOT SHEATHED.	✓
Stiffeners and Spacing.....	NONE ✓	✓	Third Deck.		
Plating, thickness of	✓	✓	Stringer Plate, breadth and thickness.....		
STRINGERS AND DECKS.			If Plated, state thickness.....		
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness in Wells	45 x .375 ✓	✓	Stringer Plate, breadth and thickness.....		
" " " " " " " " " " " " in Way Of Poop	.30 ✓	✓	If Plated, state thickness		
" " " " " " " " " " " " in way of Bridge			Poop Deck.		
" Angle in Wells	3 1/2 3 1/2 .375 ✓	✓	Stringer Plate, breadth and thickness	17 x .25	✓
Thickness of Plating abreast Deck openings } in way of Wells	STRINGER PLATE .26 ABREAST CASING.	✓	Plating, Sheathing, material and thickness ...	6 x 24 TIES. SHEATHED WITH 5 x 2 1/2 RA	✓
Thickness of Plating abreast Deck openings } in way of Poop.	✓	✓	Bridge Deck.		
Thickness of Plating within line of openings...	.375 WHERE EXPOSED.	✓	Stringer Plate, breadth and thickness.....	✓	✓
If Sheathed, material and thickness	NOT SHEATHED	✓	Plating, Sheathing, material and thickness ...	✓	✓
RAISED QUARTER DK.			Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	.25	✓
Stringer Plate, breadth and thickness in Wells...	42 x .375 ✓	✓	Plating, Sheathing, material and thickness ...	.25 NOT SHEATHED	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <u>No</u>	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	41.	.42.	.38	.38		DOUBLE	3/4	3"	TREBLE	3/4	2 5/8	LAPPED	
" DBLG. (if any)													
BOTTOM PLATING, No. of Strakes	TWO.	.375	.375	.375		DOUBLE	3/4	3"	DOUBLE	3/4	2 5/8	.	
BIDGE PLATING, No. of Strakes	ONE,	.375	.375	.375		"	3/4	3"	"	3/4	2 5/8	.	
SIDE PLATING, No. of Strakes	ONE	.375	.375	.375		"	3/4	3"	"	3/4	2 5/8	.	
UPPER DECK, Sheer- strake in Wells	ONE	.50	.50	.375		"	3/4	3"	TREBLE	3/4	2 5/8	.	
UPPER DECK, Sheer- strake in Bridge ...		.50	✓	.50		"	3/4	3"	DOUBLE	3/4	2 5/8	.
STRAKE BELOW SHEER- strake in Wells													
STRAKE BELOW SHEER- strake in Bridge ...				.50					DOUBLE & SINGLE	3/4	2 5/8	.
POOP SIDE PLATING .....				.25		SINGLE	3/4	3"				
BRIDGE SIDE PLATING ... ✓													
FOREC'TLE SIDE PLATING				.25		SINGLE	3/4	3"	SINGLE	3/4	2 5/8	.	
FORGINGS and CASTINGS.													

WATERTIGHT BULKHEADS.

Total No. of **W.T. BULKHEADS** in Vessel— **FOUR.**

Extending to Upper Deck (Sec. 3 c)..... **FOUR.**

„ Deck next below ✓

As per Rule..... **THREE.**

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks						
"	" Second "					
"	" Third "					
"	" Holds					
	Oil Fuel Bunker	34"-30	5 1/2 x 34	25"	NONE	ELECTRICALLY WELDED
			FLAT BAR.			
COLLISION	" (in Hold)	34"-30	7-3 x 50 BA.	24"	NONE	
AFTER PEAK	"	34"-30	6 x 3 x 40 BA.	24"	NONE	

FORGINGS and CASTINGS.

	Casting or Forging.	Scandlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		FLAT PLATE KEEL		
STEM		ROLLED. $5\frac{1}{2} \times 1\frac{1}{8}$		
STERN FRAME {	Propeller Post	FORGING. $5\frac{1}{4} \times 2\frac{1}{2}$	T.S. FORSTER	
	Rudder	$5\frac{1}{4} \times 2\frac{1}{2}$		
RUDDER—A × D		60.5		
Speed of Vessel		10 KNOTS.		
RUDDER mainpiece at head ...		STOCK FORGING $4\frac{1}{4}$ "	T.S. FORSTER	
		3"		
" " heel ...				
" how constructed		FORGED ARMS SHOWN ON MAINPIECE & DISTANCE PIECES WELDED TO FRAME		
" double or single plate		DOUBLE .26		
" coupling, vertical				
" horizontal		6-1 $\frac{3}{8}$ BOLTS		
(state process of manufacture) (OPEN HEARTH PROCESS)				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
STEEL CO OF SCOTLAND, CONSETT, LARARKSHIRE, APPELEY-FRODDINGHAM, DORMAN LONG, COLVILLE.

Has the Steel been tested as required by the Rules? YES.

Lloyd's Register
Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following approved plans together with the midship section & profile & deck plans as built & the forging reports, are forwarded.

- ✓ Midship section.
- ✓ Profile & Decks
- ✓ Stern Construction.
- ✓ Engine seating.
- ✓ Rudder & Stern frame
- ✓ Shell plan
- ✓ Pumping arrangement.
- ✓ Hatch covers.

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

HEAD & PINS.
1st Bower. 4-2-24 : J.D : 3280 : 14/6/34
2nd " 4-1-16 : J.D : 3532 : 21/12/34.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36 ft., R.Q.D. 38.5 ft., Bridge ✓ ft., Forecastle 15.92 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Dk (Stl).

Official No. 164, 509. Signal Letters Is bottom of Vessel coated with cement No if not give particulars of composition BOTTOM COATED WITH BITUMASTIC ENAMEL. CEMENT IN PEAKS ONLY.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		✓	Fore peak tank,		41
Double bottom, under Engines and Boilers,		✓	After peak tank,		13
Double bottom, if under Engines only,		✓	Deep tank, aft,		
Double bottom, if under Boilers only,		✓	Deep tank, forward,		
Double bottom, forward,		✓	Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

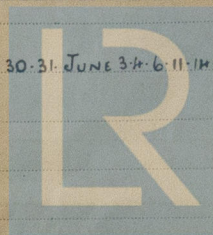
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 3362.

Date 22nd MARCH. 1935.

Dates of Surveys held while building

(1935) MARCH 11-14-21-25-28 APRIL 4-9-12-14-24 MAY 2-9-16-20-22-30-31 JUNE 3-6-11-14-19-20-21-25 JULY 16-24-26-29-30-31 AUG 1-2



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Total No. of Visits 35.