

Rpt. 1  
RECEIVED

10 NOV 1944

N.D.O.

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

9 NOV 1944

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 4<sup>th</sup> NOVEMBER 1944 Port of GREENOCK No. 22839Survey held at PORT GLASGOW Date First Survey 2<sup>nd</sup> SEPTEMBER 1943 Last Survey 26<sup>th</sup> OCTOBER 1944

On the (State if Machinery fitted and if Steam, Diesel or Triple Expansion) SINGLE SCREW STEAMER "EMPIRE REST"

State Type (Full Scantling, Complete Superstructure with or without Ponnage Openings) RESCUE VESSEL State Type of Erections COMBINED BRIDGE &amp; FORECASTLE

TONNAGE under Tonnage Deck ... 862

space or spaces in Tonnage Dk. Upper Dk.

Tonnage 1327

Tonnage 375

REGISTERED DIMENSIONS.

FEET

235.9

36.6

14.9

CLASS

State if with freeboard as condition of Class

FEET

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 225.0

Breadth (greatest moulded) B 36.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 17.75

1st Longitudinal Number (L x D) = ✓

2nd Numeral L x (B + D) = ✓

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

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

Do. Long Bridge to top of keel ✓

Draught Moulded 13'-9"

Built at GREENOCK

Launched 19<sup>th</sup> JUNE, 1944 Yard No. 371

Builders MESSRS. FERGUSON BROS. (P. GLAS.) LD.

Owners MINISTRY OF WAR TRANSPORT

Managers ELLERMAN LINES LD. (CITY LINE)  
(Where necessary to be entered in Reg. Book)

Residence GLASGOW

Port of Registry GREENOCK

If surveyed while building, afloat, or in dry dock

BUILDING, AFLOAT &amp; DRY DOCK

## 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.
FRAMES, Spacing amidships.....	24 ✓		Bracket Floors, Frame .....	✓	
" " from ½ length amidships to Collision bulkhead.....	24 ✓		" " Reversed Frame.....	✓	
" " in peaks .....	24 ✓		" " Vertical Struts .....	✓	
E FRAMING.	5 3 .26 ✓	CLEAR OF E. & B.	Centre Girder, depth and thickness amidships	39¼" x 12 LBS. ✓	
Frame Amidships, Angle, E or F .....	6 3 .28 ✓	IN E. & B. SPACE	" " top Angles .....	2½ 2½ 5 LBS. ✓	
" " Extends up to .....	UPPER & FORECASTLE DECKS ALTERNATELY ✓		" " bottom Angles.....	3 3 6.53 LBS. ✓	
" " 73.76, 79.82, 85 P.S. ✓	9 3½ .38 ✓		Side Girders, No. each side and thickness.....	✓	
" " Extends up to .....	UPPER DECK ✓		Margin Plate depth (excl. of flange) and thickness .....	26½" x 12 LBS. ✓	
Depth of Framing Girder.....	6" x 5" ✓		" " Vertical Angle to Tank side Bracket abaft ½ len. from stem.....	2½ 2½ 5 LBS. ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F .....	3½ 3 5.25 LBS. ✓		" " Vertical Angle to Tank side Bracket from forward ½ len. from stem to Panting Area .....	✓	
" " Second 'tween Decks, Angle, E or F .....	✓		" " Gussets, spacing and scantling abaft ½ len. from stem.....	✓	
" " Third .....	✓		" " Gussets, spacing and scantling from forward ½ len. from stem to Panting Area .....	✓	
" " from ½ len. for'd. to 15% len. from Stem .....	5 3 .26 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness .....	12 LBS. FLANGED 3" ✓	
" " in Peaks, Angle or E .....	5 3 .26 ✓		INNER BOTTOM PLATING, IN BOILER ROOM.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	¾ - 5¼ ✓		Breadth and thickness of Middle Line Strake.....	60½" x 12 LBS. ✓	
" " ¾ - 4½ ✓	IN O.F. TANKS ✓		Thickness of remainder in Holds .....	12 LBS. ✓	
State if Frame Joggled.....	YES ✓		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 the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	AS APPROVED. ✓		BEAMS.		
State the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	AS APPROVED. ✓		Uppermost Continuous Deck, amidships in	5 2½ 8.5 LBS. ✓	
DOUBLE BOTTOM.			" " Wells, Angle, E or F .....	5 2½ 8.5 LBS. ✓	
Frames, Depth and thickness at mid-line in Holds. FRs. 23-30 x 35-45.....	24" x 10 LBS. ✓		" " in way of Bridge, Angle, E or F .....	24 ✓	
Height of Brackets at side above base line at toe of frame.....	24 ✓		Spacing .....	24 ✓	
Middle Line Keelson, on Floors, Angles, E or F .....	✓		Second Deck, amidships, Angle, E or F .....	6 3 .30 ✓	
" " Through Plate or Inter-costal Plate .....	24" x 12½ LBS. ✓		Spacing .....	24 ✓	
" " Foundation Plate on Floors .....	24" x 12 LBS. ✓		Third Deck, amidships, Angle, E or F .....	✓	
" " Flat Plate Keel Angles .....	3 3 6.53 LBS. ✓		Spacing.....	✓	
Side Keelsons, No. each side.....	1 ✓		Fourth Deck, amidships, Angle, E or F .....	✓	
" " thickness of Inter-costal Plate.....	.34 ✓		Spacing.....	✓	
" " Angles .....	3 3 .34 ✓		Poop Deck, Angle, E or F .....	✓	
DOUBLE BOTTOM, IN BOILER ROOM.			Spacing.....	✓	
Solid Floors, thickness and spacing .....	12 LBS. 24" ✓		Bridge Deck, Angle, E or F .....	✓	
" " Are Frame and Reversed Frame joggled? .....	YES ✓		Spacing.....	✓	
Bracket Floors, breadth and thickness at middle line .....	✓		Forecastle Deck, Angle, E or F .....	5 2½ 8.5 LBS. ✓	
" " breadth and thickness at margin plate.....	✓		Spacing.....	24 ✓	

(MADE IN ENGLAND.)

© 2020

Lloyd's Register Foundation

W/087-0040



PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows	2		
in 'tween Decks, Size and Spacing	3" 10' 12' N/A	AS APPROVED	
in Holds			
Centre Line Bulkhead, Stiffeners and Spacing			
Plating, thickness of			
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Way	64" x 12 LBS		
in way of Bridge	20 LBS		
Angle in Way	3 3 6.17 LBS		
Thickness of Plating abreast Deck openings in way of Wells			
Thickness of Plating abreast Deck openings in way of Bridge	12/13 LBS		
Thickness of Plating within line of openings	10 LBS		
If Sheathed, material and thickness			
Second Deck.			
Stringer Plate, breadth and thickness in Way	10 LBS		

SHELL PLATING.			
SCANTLINGS.			
STRAKES.	AS IN VESSEL.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
	AMIDSHIPS.	FORWARD.	
Flat Plate Keel	45 20 LBS	16 1/2 LBS	20 LBS
Bottom Plating, No. of Strakes	1 @ 17 1/2	15	20
Bilge Plating, No. of Strakes	14	12	12
Side Plating, No. of Strakes			
Upper Deck, Sheer-strake in Way	64 14 35	13	11
Forecastle Deck, Sheer-strake in Bridge	51 14	10	14, 17 AT BREAK
Strake below Sheer-strake in Way	68 14	12	11
Strake below Sheer-strake in Bridge			
Poop Side Plating			
Bridge Side Plating	14 LBS	17 LBS	AT BREAK
Forecastle Side Plating	12 14 LBS		

WATERTIGHT BULKHEADS.			
Total No. of W.T. BULKHEADS in Vessel—	10		
Extending to Upper Deck (Sec. 3 c)	2		
Deck next below			
As per Rule			
STIFFENERS.			
MIDSHIP BULKHEAD, Upper 'tween decks	Plating Thickness.	VERTICAL.	HORIZONTAL.
		Scantlings.	Spacing.
FR. 48	7 LBS	5 x 2 1/2 x 9 LBS	22" 25"
Second			
Third			
Holds	12 LBS	5 x 2 1/2 x 9 LBS	24" 28"
COLLISION (in Hold)	FR. 5	10 LBS	5 x 3 x 8.5 LBS
AFTER PEAK	FR. 105	7 LBS	3 1/2 x 2 1/2 x 3 1/2

EQUIPMENT No.				LETTER				ANCHORS.			
Number of Certificate.	Weight, Ex. Stock.	Weight of Stock.	Test, Per Certificate.	Weight, Ex. Stock.	Weight of Stock.	Test, Per Certificate.	Weight, Ex. Stock.	Weight of Stock.	Test, Per Certificate.	Weight, Ex. Stock.	Weight of Stock.
45481	22	1 14	22	22	13 0 14	22	22	13 0 14	22	22	13 0 14
45480	22	1 0	22	22	11 1 0	22	22	11 1 0	22	22	11 1 0
2895 A	44	2 14	44	44	2 14	44	44	2 14	44	44	2 14

CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable.	Length and size supplied.
6816 A	240 1 1/2	37 1/2	263 1 0	240 1 1/2	37 1/2	263 1 0	240 1 1/2
Stream	150 3	25.7	150 3	150 3	25.7	150 3	150 3

STEERING GEAR, Type (Power or hand) STEAM, BY HASTIE & CO. GREENOCK				Alternative Means of Steering STEERING GEAR COMPTON			
STEERING CHAINS (Size and Test) TELEMOTOR				Windlass BY CLARKE CHAPMAN			
Ceiling in Holds, thickness and material 1 1/2"				Cargo Battens, thickness, material and spacing NONE			
Cargo Hatchways (Upper Deck)				Thickness of Hatches			
Size of Hatchways No. 1 (Fwd.) 2'-0" x 2'-0" No. 2 4'-0" x 3'-6" No. 3				No. 4 No. 5 No. 6			
Number of Shifting Beams and/or Fore and Afters				FERGUSON BROTHERS (PORT-GLASGOW) LTD.			
				Builder's Signature Peter Ferguson DIRECTOR			

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel ( )

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ( ) The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been built in conformity with the Society's Rules & Regulations & the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans & Admiralty specification. The materials & workmanship are of good quality. The fore & after peak tanks, chain locker, fresh water tanks, feed water tanks in double bottom & oil fuel bunkers were tested in accordance with the rules & specification & found satisfactory. The weather decks, W.T. bulkheads (clear of tanks) & sidelights were tested. Bilge suction were tried & found efficient. The windlass & steering gear were tried under working conditions & found efficient. Oil fuel F.P. above 150°F is carried in oil fuel bunkers P. & S. & forward of boiler room. The freeboard markings have been verified & cut in on the vessel's sides. The plans & specification have been supervised.

FORGINGS AND CASTINGS.			
KEEL, Bar	HEARTH	FLAT PLATE	
STEM	7" x 1"		
STERN FRAME	Propeller Post	AS PER PLAN	
	Rudder	NONE	
Speed of Vessel	16 KNOTS		
RUDDER—Type	SPADE TYPE		
	AS PER PLAN		
A x D	COLVILLE		
Diam. of head	9 1/2	CONSTRUCT	
Mainpiece at top pintle	COLVILLE		
heel	ADMIRALTY		
how constructed	FABRICATED (STEEL)	SUPPLY	
double or single plate coupling, vertical or horizontal	DOUBLE		
	NONE		





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 plans of Midship Section, Profile & Decks as built & forging reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) LOWER DECK & UPPER DECK FORD, FRAME COLLARS, BULWARK STAYS, KEEL BUTTS, HAWSE PIPES, CHAIN PIPES, BULKHEAD CORNER BARS, & MINOR DECK FITTINGS THROUGHOUT.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. CRUISER STERN, E.S.D., D.F., FITTED FOR OIL FUEL F.P. ABOVE 150°F, LLOYD'S A. & C.P.

Particulars of Drop Test of Cast Steel Anchors, Heads:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	INCLUDING PINS 13 - 2 - 16	J.H.J.	5932	13/10/43
	2nd "	13 - 2 - 25	J.H.J.	5909	22/9/43
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 185.7 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated FORECASTLE JOINED TO BRIDGE.

Official No. 169516 Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 252'-0" (Circ. 1703)

No. and Material of Decks 1 DECK STEEL, 2ND DECK STEEL CLEAR OF E. & B. SPACES.

Parts of Bottom of Vessel coated with cement or approved composition FORE & AFT PEAKS & GLAND COMPT. - BITUMASTIC; F.W. TANKS - CEMENT WASHED; FEED TANKS - ALUMINIUM PAINT; REMAINDER OF BOTTOM PAINTED; OIL FUEL TANKS BARE.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	✓	15.40
Double bottom, under Engines and Boilers,	✓		After peak tank,	✓	8.75
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only, RES. FEED	44 ✓	40.24 ✓	Deep tank, forward,	✓	
Double bottom, forward,	✓		Other tanks, if fitted,	✓	
Total length (if continuous) and Capacity	✓		(If necessary furnish further information by sketch.)	✓	

Order for Special Survey No.

Date

Dates of Surveys held while building

(1943) SEPT 2. 29. OCT. 13. 20. 25. 24. 29. NOV. 3. 9. 14. 22. DEC. 9. 13. 15. 28. 30. (1944) JAN. 6. 12. 21. 25. 24. 31. FEB. 3. 4. 10. 15. 18. 24. MAR. 1. 13. 15. 20. 23. 24. 27. 30. APRIL 3. 5. 7. 11. 12. 13. 14. 19. 21. 25. 28. MAY 1. 3. 5. 8. 9. 10. 12. 15. 17. 18. 22. 24. 25. 30. JUNE 6. 8. 9. 13. 16. 19. JULY 12. 19. 21. 25. 27. AUG. 1. 3. 7. 11. 14. 15. 16. 18. 21. 25. 31. SEPT. 5. 6. 7. 12. 14. 26. 28. 29. OCT. 5. 6. 9. 10. 11. 13. 19. 20. 26.

Total No. of Visits 100.