

STEEL STEAMER OR MOTORSHIP

Received at London Office

MAY 1946

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 May. 1946.*Port of *GREENOCK.*No. *23305*Survey held at *GREENOCK.*Date First Survey *28th May. 1945.*Last Survey *26th April*

1946.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *steel single screw tug "EMPIRE LOLA".* Machinery *amidships.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling.*State Type of Erections *Flush deck.*TONNAGE under Tonnage Deck ... *262.14*Do. of space or spaces between Tonnage Dk. and Upper Dk. *-*Total *294.62*Gross Tonnage *294.62*Register Tonnage *NIL.*

REGISTERED DIMENSIONS.

FEET

Length *116.0*Breadth *24.6*Depth *12.4*CLASS *+ 100 A.1. for towing services.*State if with freeboard as condition of Class *No.*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *115.0*Breadth (greatest moulded) *B 27.5*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 13.5*1st Longitudinal Number (L x D) *1552.5*2nd Numeral L x (B + D) *4415*Framing Depth "d," at middle of length. See Sec. 3 (1d) *12.0*Proportions—Depth to Length—Uppermost continuous deck to top of keel *8.5*Do. Long Bridge to top of keel *-*Draught Moulded *12' 2 5/8"*Built at *Greenock.*Launched *5th March. 1946.* Yard No. *236.*Builders *Geo. Brown & Co (Marine) Ltd.*Owners *Ministry of War Transport.*

Managers (Where necessary to be entered in Reg. Book)

Residence

Port of Registry *Greenock.*

If surveyed while building, afloat, or in dry dock

Building and 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.
FRAMES, Spacing amidships.....	21 1/2	21	18		Bracket Floors, Frame	-			
" " from 1/2 length amidships to Collision bulkhead.....		18			" " Reversed Frame.....	-			
" " in peaks	F.P. 18	A.P. 21			" " Vertical Struts	-			
SIDE FRAMING.					Centre Girder, depth and thickness amidships	-			
Frame Amidships, Angle, <i>E or F</i> <i>IN B.R.</i>	5	3	30		" " top Angles	-			
" " Extends up to.....	5	3	36		" " bottom Angles.....	-			
Reversed Frame Amidships, Angle	-				Side Girders, No. each side and thickness.....	-			
" " Extends up to	-				Margin Plate depth (excl. of flange) and thickness	-			
Depth of Framing Girder.....	5				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	-			
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	-				" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	-			
" " Second 'tween Decks, Angle, <i>E or F</i>	-				" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	-			
" " Third <i>FRAME 44 TO F.P. BHD.</i>	-				" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	-			
" " from 1/4 len. forward to 15% len. from Stem <i>B.A.</i>	5	2 1/2	30	5 x 3 x 30	Tank Side Brackets, height above base line at toe of Frame and thickness	-			
" " in Peaks, Angle, <i>E or F</i>	5	2 1/2	30	5 x 3 x 30	INNER BOTTOM PLATING.				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	-	5 1/4		Breadth and thickness of Middle Line Strake...	-			
State if Frame Joggled.....	NO				Thickness of remainder in Holds	-			
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED.				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?.....	-			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED.				BEAMS.				
SINGLE BOTTOM.					Uppermost Continuous Deck, amidships <i>Wells, Angle, E or F</i>	5	3	30	FORD. & AFT.
Floors, Depth and thickness at mid-line in Holds.....	18	30			" " in way of Bridge, Angle, <i>E or F</i> <i>E.R. & B.R.</i>	4	3	34	B.R.
Height of Brackets at side above base line at toe of frame.....	-				" " Spacing	4	3	30	E.R.
Middle Line Keelson, on Floors, Angle, <i>E or F</i>	12 x 4 x 4 x 36	lbs			UPPER Second Deck, amidships, Angle, <i>E or F</i>	8	3	38	7 1/2 x 3 x 38
" " Through Plate or Inter-costal Plate	-				LONGITUDINAL BEAMS IN WAY OF O.F. BUNKERS.	24			
" " Foundation Plate on Floors	-				Spacing	-			
" " Flat Plate Keel Angles	-				Third Deck, amidships, Angle, <i>E or F</i>	-			
Side Keelsons, No. each side.....	BILGE	1			Spacing.....	4	3	34	WHERE W.T.
" " thickness of Inter-costal Plate.....	1				FLAT FORWARD Fourth Deck, amidships, Angle, <i>E or F</i>	3	2 1/2	30	" NON W.T.
" " Angles	5	4	40		Spacing.....	EVERY FRAME.			
INCREASES IN E.R. & B.R. & O.F.B. AS APPROVED.					FLAT AFT Deep Deck, Angle, <i>E or F</i>	4	2 1/2	34	
DOUBLE BOTTOM.					Spacing.....	EVERY FRAME.			
Solid Floors, thickness and spacing	-				Bridge Deck, Angle, <i>E or F</i>	-			
" " Are Frame and Reversed Frame joggled?	-				Spacing.....	-			
Bracket Floors, breadth and thickness at middle line	-				Forecastle Deck, Angle, <i>E or F</i>	-			
" " breadth and thickness at margin plate.....	-				Spacing.....	-			

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.)

GREENOCK REPORT N^o 23237.

"EMPIRE FRIEDA"

The plans and specification have been supervised.

The following certificates, plans and reports are enclosed:—

Completion certificate

Interim certificate

Midship Section (As fitted).

Midship Section As approved.

Profile and Decks . . .

Deck Longitudinals in way of O.F.B. As approved

Plating welded to sternframe. " "

Welded stem plating " "

Pumping and Piping. " "

Forging Reports Sternframe.

Rudder head and frame.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of shell plating (except B strakes). Shell plating to sternframe above keel and to stem forefoot. Crown of fore peak tank to shell plating. Deck flats, forward and aft, to shell plating. O.F. bunker longitudinal bulkheads to shell plating. Engine seating to shell plating. W.T. bulkhead stiffener brackets to shell plating. O.F. bunker longitudinal bulkheads stiffeners to plating. Machinery casing ground bar to deck plating. Butts of bulwark plating. O.F. bunker hatch coamings. Bilge keel to shell plating.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book. "for towing services." Lloyd's A & C.P.
Fitted for oil fuel 4.46 F.P. above 150°F.

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

1st Bower	4-1-14 (including cup & pins) A.E.G. 7033. 3-9-15.
2nd "	3-3-7 (" " ") D.J.M. 5809. 20-6-15.
3rd "	

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

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

Official No. 181221 Signal Letters — Extreme Breadth over Belting 29.4 Over-all Length 123.3
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE DECK. STEEL.

Parts of Bottom of Vessel coated with cement or approved composition. Storehold and below crew space:— Bituminous solution and enamel.
Oil fuel bunkers:— Bare. Elsewhere:— Cemented.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	5.6
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	27.0
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	6.0	12.0
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

(1945) MAY 28. JUNE 7.

(1943) JULY 17. 23. AUG. 10. 28. SEPT. 21. 26. 28. OCT. 1. 5. 9. 11. 15. 16. 17. 18. 22. 24. 25. 30. NOV. 1. 2. 6. 19.

20. 21. 23. 27. 28. 29. DEC. 1. 4. 11. 12. 13. 18. 21. 24. 26. 27. 28. (1946) JAN. 7. 11. 14. 15. 18. 19. 25. 26. 29.

FEB. 1. 4. 6. 22. 25. MAR. 4. 5. 7. 8. 13. 25. APR. 1. 10. 11. 15. 18. 19. 26. 27.

Total No. of Visits 70

No S.S.O.F. available when filed