

STEEL STEAMER OR MOTORSHIP.

Received at London Office

4 FEB 1948

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 28th JANUARY 1948Port of GREENOCKNo. 23608Survey held at PORT GLASGOWDate First Survey 24th FEBRUARY 1946Last Survey 23rd JANUARY 1948On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL TWIN SCREW LIGHTHOUSE TENDER 'ARGUS' MACHINERY AMIDSHIPSState Type (Full Scantling, Complete Superstructure with or without Tonnage Opening) COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE OPENING State Type of Erections NONETONNAGE under Tonnage Deck ... 1166.03CLASS +100A.1.State if with freeboard as condition of Class YESBuilt at PORT GLASGOW

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer I.W.L. See Sec. 3 (1a) 251.0Launched 17th JUNE 1947 Yard No. 381

Total

Breadth (greatest moulded) 40.0Builders FERGUSON BROS (PORT GLASGOW) LTDGross Tonnage 1917.97Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 26.0Owners CORPORATION OF THE TRINITY HOUSERegister Tonnage 670.701st Longitudinal Number (L x D) 6526Managers (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

Length 253.5Breadth 40.2Depth 17.4Framing Depth "d," at middle of length. See Sec. 3 (1d) 16.5 TO MAIN DKResidence LONDONProportions—Depth to Length—Uppermost continuous deck to top of keel 9.56Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

Draught Moulded 15' 8 7/8"BUILDING. AFLOAT & DRYDOCK.

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	23	✓	Bracket Floors, Frame	-	
" " from 1/2 length amidships to Collision bulkhead	23	✓	" " Reversed Frame	-	
" " in peaks	23	✓	" " Vertical Struts	402	✓ 46 E.R.
SIDE FRAMING.			Centre Girder, depth and thickness amidships	45	✓ 45 HOLD.
Frame Amidships, Angle, E or C	7 3 38 O.F. ✓ 8 3 46 B.R. ✓ 38 E.R. 6 3 46 HOLD		" " top Angles	3 3 42	✓
" " Extends up to	MAIN DECK	✓	" " bottom Angles	3 1/2 3 1/2 46	✓
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	1 IN	✓ HOLD
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	2 IN	✓ ENGINE RM.
Depth of Framing Girder	6 - 8 B.R.	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	TANK TOP	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	5 3 38	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	PLATING	✓
" " Second 'tween Decks, Angle, C or E	HOLD FRAMES CARRIED UP	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	CARRIED OUT	✓
" " Third	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	TO SHIPS SIDE	✓
" " from 1/2 len. for'd. to 15% len. from Stem	6 3 46 ✓ 8 3 38 ✓ 8 3 38 FOR'D ✓ 6 3 42 AFT		Tank Side Brackets, height above base line at toe of Frame and thickness	-	
" " in Peaks, Angle or C	-		INNER BOTTOM PLATING.	59	✓ 42 E.R.
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4	✓	Breadth and thickness of Middle Line Strake	63	✓ 42 HOLD.
State if Frame Joggled	YES	✓	Thickness of remainder in Holds	42	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	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?	82	✓ UNDER ENGINES.
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in	5 3 38	✓
Floors, Depth and thickness at mid-line in Holds B.R. FRS 50-63	27 1/2 44 ✓ 24 1/2 50 ✓		" " in way of Bridge, Angle, C or E	-	
Height of Brackets at side above base line at toe of frame	48 B.R.	✓	Spacing	23	✓
Middle Line Keelson, on Floors, Angles, E or C	6 3 1/2 50 B.R. ✓ 5 3 38 AFT		MAIN Second Deck, amidships, Angle, E or C	5 3 38	✓
" " Through Plate or Inter-coastal Plate	56	✓	Spacing	23	✓
" " Foundation Plate on Floors	20 1/2 56		LOWER IN WAY OF O.F. TANKS Third Deck, amidships, Angle, E or C	6 3 50	✓
" " Flat Plate Keel Angles	4 4 62	✓	Spacing	23	✓
Side Keelsons, No. each side B.R.	2	✓	LOWER FOR'D Fourth Deck, amidships, Angle, E or C	5 3 38	✓
" " thickness of Intercostal Plate	48	✓	Spacing	23	✓
" " Angles TOP OF FLOORS C	9 3 1/2 50 DBLE ✓ 3 3 48 SINGLE ✓		LOWER AFT Deep Deck, Angle, E or C	6 3 36 1/4 44	✓
" " SHELL	36 23	✓	Spacing	23	✓
DOUBLE BOTTOM.			Bridge Deck, Angle, C or E	-	
Solid Floors, thickness and spacing	36 23	✓	Spacing	-	
" " Are Frame and Reversed Frame joggled?	YES	✓	Forecastle Deck, Angle, C or E	-	
Bracket Floors, breadth and thickness at middle line	-		Spacing	-	
" " breadth and thickness at margin plate	-				

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		2. ROWS		Stringer Plate, breadth and thickness in way of Bridge		-	
„ in 'tween Decks, Size and Spacing		WIDE SPACED		Thickness of Plating abreast Deck openings in way of Wells30	✓
„ „ „ „ „		PILLARS		Thickness of Plating abreast Deck openings in way of Bridge.....		-	
„ in Holds „ „ „		AS APPROVED.	✓	Thickness of Plating within line of openings...		.30	✓
„ „ „ „ „				If Sheathed, material and thickness.....		-	
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing		-		Stringer Plate, breadth and thickness.....		.34	✓
Plating, thickness of		-		If Plated, state thickness30	✓
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....		-	
Stringer Plate, breadth and thickness in Wells		54	✓	If Plated, state thickness.....		-	
„ „ „ „ in way of Bridge		54	✓	Poop Deck.			
„ „ „ „ in way of Bridge		54	✓	Stringer Plate, breadth and thickness.....		-	
„ Angle in Wells		3 1/2 3 1/2	✓	Plating, Sheathing, material and thickness ...		-	
Thickness of Plating abreast Deck openings in way of Wells45	✓	Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge.....		.30	✓	Stringer Plate, breadth and thickness.....		-	
Thickness of Plating within line of openings...		.45	✓	Plating, Sheathing, material and thickness ...		-	
If Sheathed, material and thickness.....		5 * 2 1/2 DOUGLAS F.I.R.	✓	Forecastle Deck.			
Second Deck.				Stringer Plate, breadth and thickness.....		-	
Stringer Plate, breadth and thickness in Wells		54	✓	Plating, Sheathing, material and thickness...		-	
		.34	✓				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		5 ✓	
Extending to Upper Deck (Sec. 3 c)		1 ✓	
„ Deck next below		4 ✓	
As per Rule		4 ✓	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	26" ✓	5" 3" 34" A ✓	30" ✓	4 1/2 x 3 x 34 0A app ✓	
„ „ Second „	30" 26" ✓	5 x 3 x 34" A ✓	30" ✓	- -	
„ „ Third „	-	-	-	-	
„ „ Holds FR. 84	36" 30" ✓	6 x 3 x 42" E ✓	22" ✓	- -	
COLLISION „ (in Hold) FR. 119	40" 39" ✓	6 x 3 x 33" ✓	25" ✓	- -	
AFTER PEAK „ „ FR. 11	36" 30" ✓	3/2 x 3 x 30 ✓	24" ✓	FLAT ✓ -	

		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Note
KEEL, Bar	UPPER	CONTOUR PLATE	54" ✓		
STEM	LOWER	ROLLED	7/4 x 2" ✓		
STERN FRAME	Propeller Post		-		
	Rudder		FORGING 7 1/2 x 2" ✓	FORSTER & SONS ✓	
Speed of Vessel		13 1/2 KNOTS ✓			
RUDDER—Type		FORGING. ORDINARY. ✓		FORSTER & SONS	
A x D.		239 x 48 ✓			
Diam. of head		FORGING 7/8 ✓		FORSTER & SONS	
Mainpiece at top pintle		9 1/2 x 5" ✓			
„ heel		6 1/4 x 3 3/4 ✓			
how constructed		BUILT. ✓			
double or single plate		34" ✓			
coupling, vertical or horizontal		HORIZONTAL. ✓			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		OPEN HEARTH. ✓
	COLVILLES LTD., DORMAN, LONG & CO., CONSETT IRON CO. LD., THE STEEL CO. OF SCOTLAND, THE LANARKSHIRE STEEL CO. LD. & SKINNINGROVE IRON CO. LD.		
	Has the Steel been tested as required by the Rules?		YES. ✓

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) also approved plans and forging reports are forwarded.

PARTICULARS OF ELECTRIC WELDING (if employed) KEEL BUTTS, 1/2 HEIGHT INTERCOSTALS TO FLOORS, BOSS PLATES, ALATE COLLARS, PILLAR HEAD & HEELS, F.W. TANK BULKHEAD PLATING TO SHELL, & MINOR FITTINGS THROUGHOUT.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book + 100 A.I. WITH FREEBOARD. LIGHTHOUSE TENDER. CRUISER STERN, LLOYDS A&CP, E.S.D., D.P. FITTED FOR OIL FUEL 1-48 F.P. ABOVE 150°F.

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

1st Bower 19-3-7 J.H.T. 6883 13-4-45
2nd 18-3-20 A.E.G. 7246 9-3-45
3rd 19-1-22 J.H.T. 8105 18-9-46

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. 181821. Signal Letters Extreme Breadth over Belting — Over-all Length 267.18 (Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 DKS (STL) 342 DK (STL) CLEAR OF F & B SPACE.

Parts of Bottom of Vessel coated with cement or approved composition OIL FUEL BUNKERS MINERAL OIL, DOUBLE BOTTOM & PEAK TANKS ALSO SINGLE BOTTOM IN BOILER ROOM & TUNNEL CEMENTED. COFFERDAMS BITUMINOUS SOLUTION & ENAMEL. FLOOR PLATES IN

Particulars of composition (if fitted) and of approval BOILER ROOM & TUNNEL BITUMINOUS SOLUTION & ENAMEL.

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,		33
Double bottom, under Engines and Boilers,	38.33	85	After peak tank,		53
Double bottom, if under Engines only,			Deep tank, aft, F.W. TANK (FRS 11-18) IN HAY OF TUNNEL		33
Double bottom, if under Boilers only,			Deep tank, forward, " (FRS 18-30) " " " "		67.100
Double bottom, forward,	67.1	116	Other tanks, if fitted,		
Total length (if continuous) and Capacity	105.43	201	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3528

Date 17th JAN 1946

Dates of Surveys held while building

(1946) FEB. 27. MAR. 6. 8. 12. 18. 20. 24. APR. 10. 16. 19. 23. 30. MAY 2. 6. 8. 13. 15. 17. 21. 24. 29. JUNE 5. 10. 13. 18. 22. 25. JULY 12. 16. 18. 22. 24. 26. 31. AUG. 14. 20. 29. SEPT. 18. OCT. 2. 15. 18. 22. 23. 25. 28. 30. NOV. 4. 6. 8. 12. 14. 19. 21. 25. 29. DEC. 3. 5. 9. 13. 16. 17. 20. 30. (1947) JAN. 8. 13. 16. 21. 23. 24. 29. FEB. 4. 6. 13. 18. 20. 24. MAR. 6. 10. 12. 26. 31. APR. 3. 9. 16. 23. 30. MAY 5. 8. 13. 16. 22. 26. JUNE 2. 10. 13. 16. JUN. 25. 28. 31. AUG. 4. 14. 18. 26. SEPT. 3. 26. OCT. 6. 14. 28. 31. NOV. 4. 11. 14. 21. 25. DEC. 1. 8. 9. 13. 16. 24. 30. (1948) JAN. 13. 14. 21. 23. Total No. of Visits 126