

STEEL STEAMER ~~OR~~ MOTORSHIP

Received at London Office 24 DEC 1930

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 17th DECEMBER 1930. Port of GREENOCK.No. 19248.Survey held at PORT GLASGOWDate First Survey 10th MAY 1930Last Survey 14th DECEMBER 1930On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) STEEL TWIN SCREW TUG "ABEILLE No 16."

(MCHY. APT)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING.State Type of Erections NONE.TONNAGE under Tonnage Deck... 269.12CLASS 100 A.1.State if with freeboard (as condition of Class) No."FOR TOWING SERVICES."

FEET.

Built 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 of beam at side of uppermost continuous deck. See Sec. 3 (1a) L 125.00.Launched 29th OCTOBER 1930. Yard No. 300.Builders { FERGUSON BROTHERS (PORT GLASGOW) LTD.Owners { COMPAGNIE DE REMORQUAGE & DE SAUVETAGE LES ABEILLES,Total 269.12.Breadth (greatest moulded) B 24.00.Gross Tonnage 282.33Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 13.45.Register Tonnage 3.17.1st Longitudinal Number (L x D) = 1418.452nd Numeral L x (B + D) = 5093.45Managers ✓
(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

FEET.

Length 125.0. 38.1Framing Depth "d," at middle of length. See Sec. 3 (1d) 12.25.Breadth 27.15. 8.28Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.09.Depth 12.6. 3.84Do. Long Bridge to top of keel ✓Draught Moulded 13'-3 3/4"Residence LE HAVRE, FRANCE.Port of Registry LE HAVRE.

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	<u>22</u>		Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision bulkhead.....	<u>22</u>		" " Reversed Frame		
" " in peaks.....	<u>22</u>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E or F</u>	<u>5 3 .40.</u>		" " top Angles		
" " Extends up to	<u>MAIN DECK.</u>		" " bottom Angles		
Reversed Frame Amidships, Angle	<u>3 3 .32</u>		Side Girders, No. each side and thickness		
" " Extends <u>ACROSS TOP OF FLOOR</u>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	<u>5"</u>		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
Third			Bracket forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle, <u>E or F</u>	<u>5 3 .40</u>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>3/4" @ 7 dia.</u>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....		
State if Frame Joggled	<u>YES.</u>		Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)			INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake ...		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	<u>18 x .32.</u>		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?.....	<u>YES</u>	
Height of Brackets at side above underline at toe of frame	<u>Continuous.</u>		BEAMS.		
Middle Line Keelson, on Floors, Angle, <u>E or F</u>	<u>12" x 3 1/2" x 3 1/2" x 50'</u>		Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	<u>5 3 .34.</u>	
" " " Through Plate or Intercoastal Plate... ..	<u>✓</u>		" " in way of Bridge, Angle, <u>E or F</u>	<u>5 3 .30.</u>	
" " " Foundation Plate on Floors <u>in BUNKER space</u>	<u>24 x .35.</u>		Spacing	<u>EVERY FRAME.</u>	
" " " Flat Plate Keel Angles	<u>✓</u>		Second Deck, amidships, Angle, <u>E or F</u>		
Side Keelsons, No. each side	<u>ONE</u>		Spacing.....		
" " thickness of Intercoastal Plate... ..	<u>✓</u>		Third Deck, amidships, Angle, <u>[or]</u>		
" " Angle	<u>5 4 .42</u>		Spacing.....		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <u>[or]</u>		
Solid Floors, thickness and spacing			Spacing.....		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, <u>[or]</u>		
Bracket Floors, breadth and thickness at middle line.....			Spacing.....		
" " breadth and thickness at margin plate.....			Bridge Deck, Angle, <u>[or]</u>		
			Spacing.....		
			Forecastle Deck, Angle, <u>[or]</u>		
			Spacing		

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				
" " " " " "		✓			Thickness of Plating abreast Deck openings) in way of Bridge				
" in Hold " "		{ 2 1/2" DIA. ALT. FRG.	ONE		Thickness of Plating within line of openings...				
" " " " "		✓			If Sheathed, material and thickness				
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating thickness of					If Plated, state thickness				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	60"	✓	34.		If Plated, state thickness				
" " " in way of Bridge		✓			Poop Deck.				
" Angle in Wells	3	3'	36.		Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings) in way of Wells		✓			Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings) in way of Bridge		✓			Bridge Deck.				
Thickness of Plating within line of openings...		30			Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness	TEAK. 5" x 3"				Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells..					Stringer Plate, breadth and thickness.....				
					Plating, Sheathing, material and thickness ..				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

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

FORGINGS ~~and~~ CASTINGS

	Casting Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar <i>BULB BAR.</i>	{ ROLLED STEEL.	$7\frac{1}{2}" \times 1\frac{5}{8}"$	CONSETT IRON CO.	
STEM <i>BULB BAR.</i>	09.	$7\frac{1}{2}" \times 1\frac{5}{8}"$	LTD.	
STERN FRAME { Propeller Post	✓	✓		
{ Rudder "	FORGING	$6\frac{1}{2}" \times 2\frac{1}{2}"$	EMERSON WALKER & CO. LTD.	$6\frac{1}{2}" \times 1\frac{5}{8}"$
RUDDER—A × D		94.		
Speed of Vessel		13 KNOTS.		
RUDDER mainpiece at head ...	FORGING	$5\frac{3}{4}"$	EMERSON WALKER & CO. LTD.	
" " heel ...	"	$4\frac{1}{2}"$	"	$4\frac{1}{4}"$
" how constructed		FORGED AND BUILT.		
" double or single plate		$\frac{1}{4}"$		
" 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.*
THE STEEL Co of SCOTLAND L^o, JAMES DUNLOP & Co L^o, BOLCKOW, VAUGHAN & Co L^o, CONSETT IRON
THE LANARKSHIRE STEEL Co L^o, DAVID COLVILLE & Sons L^o, SPRINGFIELD STEEL Co L^o.
 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.)

LIST OF PLANS.

MIDSHIP SECTION.

PROFILE & DECK PLAN.

STERNPOST & RUDDER.

ENGINE SEATING.

PROPELLER BRACKETS.

ENGINE & BOILER CASINGS.

PUMPING PLAN.

FORGINGS REPORT FOR STERNFRAME.

" " RUDDER FRAME.

CASTINGS REPORT FOR SHAFT BRACKETS.

MIDSHIP SECTION OF SHIP AS BUILT.

PROFILE & DECK PLAN OF SHIP AS BUILT.



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

1st Bower	4 : 2 : 1	J.L.	189.	1 : 9 : 28.
2nd "	4 : 1 : 25.	J.L.	191.	1 : 9 : 28.
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 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 DEK (STL. PT. TEAKS.)

Official No. ☒ ; Signal Letters ☒ Is bottom of Vessel coated with cement ☒ YES. if not give particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.					
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	✓	11. 8
Double bottom, under Engines and Boilers,			After peak tank,	✓	34. 0
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. 3316.

Date 31st MARCH 1930.

Dates of Surveys held while building

(1930) May 10. 15. 19. 22. 24. 29. June 2. 5. 9. 11. 13. 14. 19. 22. 25. 24. July 15. 14. 21. 23. 25. 30. Aug. 1. 5. 8. 12. 19. 29. Sept. 1. 11. 12. 16. 14. 23.
Oct. 1. 6. 10. 15. 24. 24. 28. 29. 30. Nov. 13. 21. Dec. 5. 8. 11. 14.

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