

RECEIVED

27 JUL 1949

IN D.O.

102953 Nwc.

STEEL STEAMER or MOTORSHIP.

Received at London Office 8 JUL 1949

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 27th June 1949 Port of Rio de Janeiro No. 4553

Survey held at Rio de Janeiro Continuation of Nwc. Rpt No 102953 Date First Survey Last Survey 19

On the (State if Machinery fitted Aft and If Single, Twin or Triple Screw) Tw.Sc. steamer "RIO MINHO", ex Transport Ferry No 3018 (Machinery aft) ✓

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

TONNAGE under Tonnage Deck...

CLASS A-

State if with freeboard as condition of Class

Built at Hebburn on Tyne ~~and completed~~

Launched 12/6/45 Yard No. 680

Builders R. & W. Hawthorn Leslie & Co. Ltd.

Owners E.G. Fontes

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

Residence Av. Nilo Peçanha, 12 Rio de Janeiro

Port of Registry Rio de Janeiro

If surveyed while building, afloat, or in dry dock

Afloat and in Drydock

No. of space or spaces between Tonnage Dk. and Upper Dk.

Net Tonnage

Gross Tonnage

REGISTERED DIMENSIONS.

FEET.

Length 330

Breadth 54

Depth 27

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

Breadth (greatest moulded) B 54'

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 27'

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

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	Nwc. Rpt 102953		Bracket Floors, Frame	4 x 4 x 3/8	
" " from 1/2 length amidships to } Collision bulkhead.....	"		" " Reversed Frame	4 x 4 x 3/8 ✓	
" " in peaks.....	"		" " Vertical Struts	4 x 4 x 3/8 ✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	36" 1 1/2"	
Frame Amidships, Angle, [or [			" " top Angles	6"x4"x1/2" B.A. (doubled) ✓	
" " Extends up to			" " bottom Angles	3x3x7.17lbs.	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	One-3/8" each side	
" " Extends up to...			Margin Plate depth (excl. of flange) and thickness	Connected	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	to tank side	
Frames in Uppermost Continuous 'tween } Decks, Angle, [or [	Nwc. Rpt.		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	with	
" " Second 'tween Decks, Angle, [or [	"		" " Gussets, spacing and scantling } abaft 1/4 len. from stem.....	3 x 3 x 3/8	
" " Third " " " "	"		" " Gussets, spacing and scantling } from forward 1/4 len. from stem to Panting Area.....	angles	
" " from 1 len. for'd. to 15% len. from Stem	"		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or [	"		INNER BOTTOM PLATING.		
Number and Spacing of Rivets through Frame and Shell Plating amidships	"		Breadth and thickness of Middle Line Strake	48" x 3/8"	
State if Frame Joggled	"		Thickness of remainder in Holds	3/8" See Letter 22.	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or 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?	no double bottom in E.R. and B.R. ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	"		BEAMS.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships } in Wells, Angle, [or [	Nwc Rpt.	
Floors, Depth and thickness at mid-line in } Holds	"		" " in way of Bridge, Angle, [or ["	
Height of Brackets at side above } base line at toe of frame	"		Spacing	"	
Middle Line Keelson, on Floors, Angles, } [or [	"		Second Deck, amidships, Angle, [or ["	
" " Through Plate or } Intercoastal Plate...	"		Spacing	"	
" " Foundation Plate on } Floors	"		Third Deck, amidships, Angle, [or ["	
" " Flat Plate Keel Angles	"		Spacing	"	
Side Keelsons, No. each side	"		Fourth Deck, amidships, Angle, [or ["	
" " thickness of Intercoastal Plate...	"		Spacing	"	
" " Angles	"		Poop Deck, Angle, [or ["	
" " Spacing	"		Spacing	"	
DOUBLE BOTTOM FRS. 17 - 32 ✓	3/8" 8'0"	See Letter 22.12.49	Bridge Deck, Angle, [or ["	
Solid Floors, thickness and spacing (existing-increased to 36")	3/8" x 36"		Spacing	"	
" " Are Frame and Reversed Frame joggled?	no ✓		Forecastle Deck, Angle, [or ["	
Bracket Floors, breadth and thickness at } middle line	3/8" x 36"		Spacing	"	
" " breadth and thickness at } margin plate	3/8" x 36"				

4.
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 the Plans should be embodied.)

The plans are being retained in this office for use in sister vessels

Re. Secretary's letter of 19th February 1947:-

The vessel has been completed in accordance with the approved plans, the bow door plated up and an efficient fore peak bulkhead fitted. A bulkhead has been fitted in the hold giving the vessel the five bulkheads as required by the rules.

The hatch coamings have been modified as suggested.

The stern has been stiffened in accordance with the plan forwarded.

The large ventilators have been dispensed with.

Plans showing the proposed alterations and the amended Piping Arrangements have been submitted for consideration.

- The upper deck stringer plate has been doubled owing to increased width of hatchways.
- The centre line bulkhead in the forward ballast tanks has been stiffened as amended on approved plans. In view of scantlings of No 1 lower hatchway it should be made clear whether the Owners desire the notation "Light Cargo only in No 1 hold". It is concluded the solid floors are spaced 6' apart & not 8' as reported.

See letter 22.12.49

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower
2nd "
3rd "

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

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

Official No.

Signal Letters

PUUT

Extreme Breadth over Belting
(Circ. 1811)

Over-all Length
(Circ. 1703)

No. and Material of Decks

3 - steel

Parts of Bottom of Vessel coated with cement or approved composition

no cement - bottom coated throughout with Bitumastic

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
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 length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

(1947) Aug.28, Oct.7, Jan21, Mar.3, 10, 19, May 21, June 9, July 20, Sept.15, Nov.10, 22; (1949) Jan.5, Feb.11, Mar.25, Apl.20, May 20,23,24, June 6, 17.

Lloyd's Register Foundation
Total No. of Visits 21