

Rpt. 1.

DISCLOSED

SECTION

No. 775

Date of completion of report

Survey held at GLASGOW

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

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

TONNAGE under Tonnage Deck

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.
FEET.

Length

Breadth

Depth

BARGE
STEEL STEAMER or MOTORSHIP.

State if Report has been sent on the Freeboard of the Vessel No

State if Report is sent on the Machinery of the Vessel No

Port of GLASGOWDate First Survey 28. 4. 38Last Survey 23. 8.

1938

STEEL NON-PROPELLING OIL CARRYING BARGE

"ORDOLINA"

FLUSH DECK

State Type of Erections TRUNK ON DECK.CLASS 100A - BARGE State if with freeboard as condition of Class

No

Built at GLASGOW

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

L 140.0

Breadth (greatest moulded)

B 26.0

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

D 8.5

1st Longitudinal Number (L x D)

= 1190

2nd Numeral L x (B + D)

= 4830

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

7.08

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

16.5

Do. Long Bridge to top of keel

Draught Moulded

Managers

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

Residence AS RECORDED.Port of Registry RIO DE JANEIRO

If surveyed while building, afloat, or in dry dock

BUILDING

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	22" x 22"	✓	Bracket Floors, Frame	ANGL.	✓
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	22"	✓	" " Reversed Frame	4 3 '30	✓
" " in peaks	22" 23"	✓	" " Vertical Struts	NONE	✓
SIDE FRAMING, IN WAY OF TANKS.			Centre Girder, depth and thickness amidships	24" '30	✓
Frame Amidships, Angle, E or F	5 3 '35	✓	" " top Angle	3 3 '32	✓
" " Extends up to	UPPER DE.	✓	" " bottom Angles	3 3 '32	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	NONE	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	24" '32	✓
Depth of Framing Girder	5"	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 3 '32	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓	✓	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	✓	✓
" " Second 'tween Decks, Angle, E or F	✓	✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓	✓
" " Third " " "	✓	✓	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	✓	✓
" " CLEAR OF TANKS. from len. for'd. to 15% len. from Stem	4 3 '26	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	20" '30	✓
" " in Peaks, Angle E or F	4 3 '26	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" x 3 3/4"	✓	Breadth and thickness of Middle Line Strake	'32 PLATING	✓
State if Frame Joggled	YES	✓	Thickness of remainder in Holds	✓	✓
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?	✓	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	✓	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in way of TANKS. in Wells, Angle, E or F	3 1/2 2 1/2 '28	✓
Floors, Depth and thickness at mid-line in Holds	14" '30	✓	" " CLEAR OF TANKS. in way of Bridge, Angle, E or F	5" 3" '35	✓
Height of Brackets at side above base line at toe of frame	NONE	✓	Spacing	EVERY FRAME	✓
Middle Line Keelson, on Floors, Angles, CLEAR OF OIL TANKS. E or F	3 1/2 3 '28	✓	TRUNK TOP & SIDES.		
" " Through Plate or Intercoastal Plate	'30	✓	Second Deck, amidships, Angle, E or F	3 1/2 2 1/2 '26	✓
" " Foundation Plate on Floors	✓	✓	Spacing	EVERY FRAME	✓
" " Flat Plate Keel Angles	3 3 '30	✓	Third Deck, amidships, Angle, E or F		
Side Keelsons, No. each side	ONE	✓	Spacing		
" " thickness of Intercoastal Plate	'26	✓	Fourth Deck, amidships, Angle, E or F		
" " B. Angle	6 3 '40	✓	Spacing		
DOUBLE BOTTOM, IN DONKEY BOILER SPACE (Figs 10-14)			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	✓	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	✓	✓	Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line	15" '30	✓	Spacing		
" " breadth and thickness at margin plate	15" '30	✓	Forecastle Deck, Angle, E or F		
			Spacing		

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge							
Thickness of Plating abreast Deck openings in way of Wells							
Thickness of Plating abreast Deck openings in way of Bridge							
Thickness of Plating within line of openings...							
If Sheathed, material and thickness							
Third Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness.....							
Fourth Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness							
Poop Deck.							
Stringer Plate, breadth and thickness							
Plating, Sheathing, material and thickness ..							
Bridge Deck.							
Stringer Plate, breadth and thickness.....							
Plating, Sheathing, material and thickness ..							
Forecastle Deck.							
Stringer Plate, breadth and thickness.....							
Plating, Sheathing, material and thickness ..							

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged? <i>No</i>		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Inches.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam. Inches.	Spacing or to cr. Inches.		Diam. Inches.
FLAT PLATE KEEL	36	42	36	36		DOUBLE	3/4	2 1/8	3R - 2R	3/4	2 1/8	LAPPED
" DBLG. (if any)	A & B STRAKES (P25)				34 FROM COFFERDAM TO COLLISION BH ²							
BOTTOM PLATING, No. of Strakes 2		32	32	32		DOUBLE	5/8	2 1/4	2R	5/8	2 1/4	"
BILGE PLATING, No. of Strakes 1		32	30	30	ENDS 28 APP ²	"	"	"	2R	"	"	"
SIDE PLATING, No. of Strakes 1		32	30	30	" "	"	"	"	2R	"	"	"
UPPER DECK, Sheer-strake in Wells.....	15	32	28	30	" "				2R	"	"	"
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW SHEER-strake in Wells.....												
STRAKE BELOW SHEER-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING												

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged? <i>No</i>		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Inches.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam. Inches.	Spacing or to cr. Inches.		Diam. Inches.
FLAT PLATE KEEL	36	42	36	36		DOUBLE	3/4	2 1/8	3R - 2R	3/4	2 1/8	LAPPED
" DBLG. (if any)	A & B STRAKES (P25)				34 FROM COFFERDAM TO COLLISION BH ²							
BOTTOM PLATING, No. of Strakes 2		32	32	32		DOUBLE	5/8	2 1/4	2R	5/8	2 1/4	"
BILGE PLATING, No. of Strakes 1		32	30	30	ENDS 28 APP ²	"	"	"	2R	"	"	"
SIDE PLATING, No. of Strakes 1		32	30	30	" "	"	"	"	2R	"	"	"
UPPER DECK, Sheer-strake in Wells.....	15	32	28	30	" "				2R	"	"	"
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW SHEER-strake in Wells.....												
STRAKE BELOW SHEER-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING												

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *✓*

" Deck next below *✓*

As per Rule

STIFFENERS.

MIDSHIP BULKHEAD, Upper between decks	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		SCANTLINGS.		SPACING.	SCANTLINGS.		SPACING.		
" " Second "									
" " Third "									
" " Holds		34-30	5 x 3 x 30 ANG	21					
" " (in Hold)		31-25	5 x 3 x 40 ANG	24					
COLLISION " "		30-28	5 x 3 x 36 ANG	21					
AFTER PEAK " "		30-28	5 x 3 x 36	21					

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	<i>✓</i>			
STEM	ROLLED STEEL.	6 x 1 1/2	<i>✓</i>	
STERN FRAME { Propeller Post				
{ Rudder "	FORGING	6 x 1 3/4	EMERSON WALKER L ²	
Speed of Vessel ... TOWER		5 KNOTS.	<i>✓</i>	
RUDDER—Type ... ORDINARY				
" A x D		143		
" Diam. of head	FORGING	5 1/2	EMERSON <i>✓</i>	
" Mainpiece at top pintle		5 1/2	WALKER <i>✓</i>	
" " heel ...		5 1/2	L ² <i>✓</i>	
" how constructed		BUILT FORGING	<i>✓</i>	
" double or single plate coupling, vertical or horizontal		SINGLE	86 <i>✓</i>	
		NONE		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL COMPANY OF SCOTLAND L²; COLVILLES L²; DORMAN LONG & CO L²

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.

- (1) Midship Sections, Profile & Deck, & Bulkheads.
- (2) Sternpost & Rudder.
- (3) Tiller
- (4) Oil Fuel Tank.
- (5) Pumping Arrangements.
- (6) Oil Piping Arrangements.
- (7) " " in Pump Room.
- (8) Piping Arrangements in Pump Room.

Forging Reports

Sternpost
Tiller & Rudder.

PARTICULARS OF ELECTRIC WELDING (if employed) Oil fuel double bottom, single riveted angle connections to margins & tank ends reinforced with electric welding.

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

"CARRYING OIL FUEL IN BULK FLASH POINT ABOVE 150° F." ✓
"FOR HARBOUR SERVICE AT RIO DE JANEIRO" ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	2nd "	3rd "	WEIGHT H ² & PIN	SURV ² INIT ²	N ² CERT ²	DATE OF TEST.
				4-2-0	N. H.	6522	26.3.37.

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. Signal Letters Extreme Breadth over Belting 27'-7" ✓ Over-all Length (including Rudder) 143' 1" ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 OK.
Parts of Bottom of Vessel coated with cement or approved composition PUMP ROOM & BOILER SPACE COATED WITH BITUMASTIC ; ACCOMMODATION SPACE FORWARD COATED WITH PAINT. ✓ FORE PEAK & AFT PEAK FEED TANK COATED WITH CEMENT. ✓

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. 6411

Date 11.5.38

Dates of Surveys held while building

1938. Apr. 28 May 2, 4, 9, 17, 23, 25, 31 : June 3, 7, 10, 14, 15, 20, 22, 24
July 4, 11, 12, 14, 27, 28, 29 : Aug. 1, 3, 5, 8, 10, 12, 15, 17, 23.

Total No. of Visits 32