

STEEL STEAMER or MOTORSHIP.

Received at London Office

22 JAN 1927

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

REC'D NEW YORK JAN - 8 1927

State if Report is sent on the Machinery of the Vessel YES.Date of completion of report 15TH DECEMBER, 1926. Port of PHILADELPHIA. No. 5380
Survey held at CHESTER, PA. Date First Survey 30TH AUGUST Last Survey 10TH DECEMBER, 1926.On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL STERN-WHEEL PADDLE STEAMER "CASCAJALES." MCHY AFT.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) ✓ State Type of Erections ✓TONNAGE under Tonnage Deck... 367.85. CLASS AI State if with freeboard No Built at CHESTER, PA.Do. of space or spaces between Tonnage Dk. and Upper Dk. 100% "FOR SERVICE BETWEEN as condition of Class" BARRANCA-BERMEJA & LA DORADO, COLOMBIA. Launched 20TH NOV, 1926. Yard No. 99.Total 367.85. Length from fore part of stem to after part of stern post on summer line 165.0 Builders SUN S. B & D. D. Co.Cross Tonnage 443.72. Breadth (greatest moulded) 44.0 Owners TROPICAL OIL Co.Register Tonnage 380.66. Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 5.0 Managers (Where necessary to be entered in Reg. Book.)1st Longitudinal Number (L x D) 825.0 2nd Numeral L x (B + D) 8085.0 Residence CARTAGENA, COLOMBIA.REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓ Proportions—Depth to Length—Uppermost continuous deck to top of keel 33.0 Port of Registry BARRANQUILLA, COLOMBIA.Length 165.0. Breadth 44.0. Draught Moulded ✓ If surveyed while building, afloat, or in dry dock YES.Depth 5.5.

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	24"	✓	Bracket Floors, Frame	✓	
" " from 1/2 length to Collision bulkhead	24"	✓	" " Reversed Frame	✓	
" " in peaks	24"	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, <u>E or F</u>	3 1/2 2 1/2 5/16	✓	" " top Angles	✓	
" " Extends up to	UPPER DECK	✓	" " 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	3 1/2	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E</u> or <u>F</u>	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, <u>E</u> or <u>F</u>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Third " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Framing in Peaks, Angle <u>E or F</u>	3 1/2 2 1/2 5/16	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 3 1/2	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake	✓	
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	✓		Thickness of remainder in Holds	✓	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DEEP FLOORS IN FORE PEAK.	✓	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?	✓	
ANGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	3 1/2 2 1/2 5/16	✓
Height of Brackets at side above base line at toe of frame	BILGE. 18 x 18 x 1/4	✓	" " in way of Bridge, Angle, <u>E</u> or <u>F</u>	✓	
Middle Line Keelson, on Floors, Angles, <u>E</u> or <u>F</u>	✓		Spacing	24	✓
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, <u>E</u> or <u>F</u>	✓	
" " Foundation Plate on Floors	✓		Spacing	✓	
" " Flat Plate Keel Angles	2 1/2 2 1/2 5/16	✓	Third Deck, amidships, Angle, <u>E</u> or <u>F</u>	✓	
Side Keelsons, No. each side	TWO	✓	Spacing	✓	
" " thickness of Intercoastal Plate	15" x 1/4	✓	Fourth Deck, amidships, Angle, <u>E</u> or <u>F</u>	✓	
" " Angles	FLANGED TO SHELL	✓	Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, <u>E</u> or <u>F</u>	✓	
Solid Floors, thickness and spacing	✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	✓		BOILER Bridge Deck, Angle, <u>E or F</u>	3 1/2 2 1/2 5/16	✓
Bracket Floors, breadth and thickness at middle line	✓		Spacing	24	✓
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <u>E</u> or <u>F</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.....	FOUR.		✓	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 Holds “ ANGLES 2½ 2½ ¼ SPACED 48" DIAGONAL TRUSSES & GIRDERS AS PER APPROVED PLANS.			✓	Thickness of Plating within line of openings...	✓		
“ “ “ “ “			✓	If Sheathed, material and thickness	✓		
Centre Line Bulkhead.			✓	Third Deck.			
Stiffeners and Spacing..... ANGLES 2½ 2½ ¼ SPACED 24."			✓	Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of ¼			✓	If Plated, state thickness.....	✓		
STRINGERS AND DECKS.			✓	Fourth Deck.			
Uppermost Continuous Deck.			✓	Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells 63 ¼			✓	If Plated, state thickness	✓		
“ “ “ “ in way of Bridge ✓			✓	Poop Deck.			
“ Angle in Wells 4 4 3/8			✓	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 } ✓			✓	Boiler			
Thickness of Plating within line of openings... ¼ to 3/16			✓	Bridge Deck.	1/8		
If Sheathed, material and thickness	✓		✓	Stringer Plate, breadth and thickness.....	1/8		
Second Deck.			✓	Plating, Sheathing, material and thickness ...	1/8		
Stringer Plate, breadth and thickness in Wells... ✓			✓	Forecastle Deck.			
			✓	Stringer Plate, breadth and thickness.....	✓		
			✓	Plating, Sheathing, material and thickness ...	✓		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) 2-O.T. & 5-W.T.
 „ Deck next below ✓
 As per Rule APPROVED PLANS. 2-O.T. & 5-W.T.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		FLAT PLATE KEEL.		
STEM		PLATE $\frac{1}{2}$ "		
STERN FRAME {	Propeller Post	✓	✓	
	Rudder "	✓	✓	
RUDDER—A×D				
Speed of Vessel				
3 MAIN RUDDERS mainpiece at head ...		STEEL TUBE	CARNEGIE S. Co.	
" " heel ...		$6\frac{5}{8}$ " DIA × $\frac{7}{8}$ " THICK		
" " how constructed ...		FRAME 5" STIFFENERS	$6 \times 3\frac{1}{2} \times \frac{3}{8}$.	
" double or single plate		DOUBLE	$\frac{3}{16}$ " THICK	
" coupling, vertical or		VERTICAL.		
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	Upper tween decks	✓				
"	" Second "	✓				
"	" Third "	✓				
"	" Holds	✓	L 2½, 2½, 4, 22½		✓	✓
COLLISION	" (in Hold)	"	"	"	✓	✓
AFTER PEAK	"	"	"	"	✓	✓

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
CARNEGIE STEEL CO. OPEN HEARTH PROCESS.
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.)

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

1st Bower *7.0.12. W.M.N. 11074. 18.4.21.*
2nd „
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 Dk (Stl)*

Official No. ☒ ; Signal Letters ☒

Is bottom of Vessel coated with cement *No* if not

particulars of composition

PARTICULARS OF WATER BALLAST.—

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 capacity of double bottom			(If necessary, furnish further information by sketch.)		

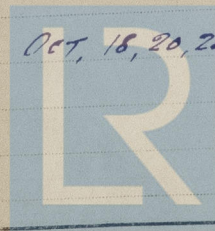
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *458.*

Date *21st May, 1926.*

Dates of Surveys held while building

1926 :- AUG. 30, SEP. 8, 16, 30, OCT. 18, 20, 25, 26, 27, 28, 29, NOV. 1, 2, 9, 12, 23, DEC. 1, 8, 10.



Lloyd's Register
Foundation

Total No. of Visits