

Rpt.

STEEL STEAMER or MOTORSHIP.

Received at London Office

FEB 1927

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

20th December, 1926.

Port of

NEWCASTLE, N.S.W. No. 1914

Survey held at

NEWCASTLE.

Date First Survey

1-7-26

Last Survey

29th November, 1926.

On the (State if Machinery fitted Aft and

(If Single, Twin or Triple Screw)

TOORONG

State Type

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

Single Flush Deck Full Scantling Oil Barge

State Type of Erections

TONNAGE under Tonnage Deck

91.5

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

✓

Total

91.5

Gross Tonnage

91.5

Register Tonnage

80

CLASS Harbour carry- ing Petroleum in Bulk.

State if with freeboard as condition of Class

No.

Built at

NEWCASTLE

N.S.W.

Launched

24/11/26.

Yard No.

66

Builders

N. S. W. Govt. Dockyard & Eng. Works.

Owners

British Imperial Oil Company Ltd.

Managers

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

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

While Building.

REGISTERED DIMENSIONS.

FEET.

Length

85.75

Breadth

19.00

Depth

7.42

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

L 85.75

Breadth (greatest moulded)

B 19.00

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

D 8.25

1st Longitudinal Number (L x D)

= 708

2nd Numeral L x (B + D)

= 2337

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

7.42

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

10.40

Do. Long Bridge to top of keel

Breadth Moulded

6.75

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	20"		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	20"		" " Reversed Frame		
" " in peaks	20"		" " Vertical Struts		
IDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or [ANGLE. 4"x 2-1/2"x 5/16"			" " top Angles		
" " Extends up to DECK.			" " bottom Angles		
Reversed Frame Amidships, Angle	Floors "langed 3"		Side Girders, No. each side and thickness		
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem		
Framing in Peaks, Angle or [ANGLE. 4"x 2-1/2"x 5/16"			Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Shell Plating	Seams. 3-1/2 dias. Laps. 3-1/2 dias.		INNER BOTTOM PLATING.		
State if Frame Joggled	Joggled.		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Stringer 12"x 3"x .30" Angles. 3"x 3"x 5/16"		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Mid section Plating Thickness carried to Stem.		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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	10"x 1 1/4"		Uppermost Continuous Deck, amidships in Wells, Angle, [or [4"x 2-1/2"x 5/16"		
Height of Brackets at side above base line at toe of frame	2'-1-1/2"		" " in way of Bridge, Angle, [or [
Middle Line Keelson, on Floors, Angles, [or [O.T. B Hd		Spacing	20"	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles	Double. 3"x 3"x 5/16"		Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side	ONE		Spacing		
" " thickness of Intercoastal Plate	1/4"		Fourth Deck, amidships, Angle, [or [
" " Angles	Single. 3" x 3" x 1/4"		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or [
" " Spacing			Spacing		

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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.....				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 „ „				If Sheathed, material and thickness			
„ „ „ „ „				Third Deck.			
Centre Line Bulkhead. O. T.				Stringer Plate, breadth and thickness.....			
Stiffeners and Spacing.....		3" x 3" x 1/4" 20"		If Plated, state thickness.....			
Plating, thickness of		5/16" & 1/4"		Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells		48-1/2" x 1/4"		Poop Deck.			
„ „ „ „ in way of Bridge				Stringer Plate, breadth and thickness			
„ Angle in Wells		3" x 3" x 5/16"		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Wells		1/4"		Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge				Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness				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 ...			

77565
77572
77991
77994

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of ⁹ W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) (Five Transverse
 (One Long'l.
 „ Deck next below.....
 As per Rule.....

						STIFFENERS.					
						Plating Thickness.		VERTICAL.		HORIZONTAL.	
								Scantlings.	Spacing.	Scantlings.	Spacing.
										At	
										Plate	Mid
										"	Dept.
										3"	flange
MIDSHIP BULKHEAD, Tween decks						$5/16 - \frac{1}{4}$	$3x3x\frac{1}{4}$	19"			
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
"	"	"	"	"	"						
						Holds					
COLLISION						(in Hold)	$5/16 - \frac{1}{4}$	$3x3x\frac{1}{4}$	19"		
AFTER PEAK						$5/16 - \frac{1}{4}$	$3x3x\frac{1}{4}$	19"		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Forging	5-1/4" - 1-1/8"		
STERN FRAME { Propeller Post				
{ Rudder "	Forging	5-1/4" x 1-1/8"		
RUDDER —A × D..... 24				
Speed of Vessel Non-Propelled				
RUDDER mainpiece at head	Forging	2-3/4		
" " heel	"	2-1/4		
" how constructed	Arms shrunk and	Keyed to Stock		
" double or single plate	Single Plate	3/4"		
" coupling, vertical or	One Piece.			
" horizontal				

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the
Vessel (state process of manufacture) David Colville & Sons, Cambuslang,
Siemens, Martin, Open Hearth.
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 as built should be forwarded and a List of the Plans should be embodied.)

Material and workmanship of steel description of hull and stern frame inspected before fixing in position. Hull tested with head 2 1/2 inches, and all B.H's. tested similarly and examined from both sides. All pipes and valves tested in position. Anchors and lines checked. Rpt.No.1915 sister barge, Yard No.67.

LIST OF PLANS FORWARDED HEREWIT

- No.2/221, Profile & Deck plan.
- No.1/631, Midship section.
- No.3/441, Stem.
- No.2/220, O.T B.H's. and end stringers.
- No.2/222, O.T. Midship B.H.frame.
- No4/496 , Stern frame and rudder post.

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 _____ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

Official No. _____ : Signal Letters _____ If bottom of Vessel has been coated Inside _____ give 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.)		

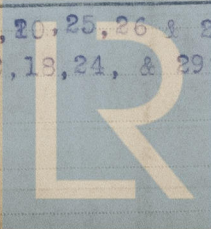
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. _____

Date _____

Dates of Surveys held while building

1, 6, 8, 13, 19 & 29th. July; 4, 9, 10, 12, 13, 19, 20, 25, 26 & 29th. Aug.; 4, 8, 11, 16, 21, 25 & 29th. Sep.; 9, 22 & 29th. Oct.; 3, 5, 9, 12, 13, 24, & 29th. Nov. 1926.



Lloyd's Register
Foundation
Total No. of Visits _____