

STEEL STEAMER or MOTORSHIP.

Received at London Office 5 JAN 1925

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*

38167

Date of completion of report *December 12th* Port of *Colombo* No. *416*
 Survey held at *Colombo* Date First Survey *May 31st* Last Survey *December 6th 1924*
 On the (State if Machinery fitted Aft and) *machinery fitted aft - Single Screw - BENTOTA*
 State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *State Type of Erections*

TONNAGE under Tonnage Deck... *223.96*CLASS *100A*State if with freeboard as condition of Class *no*Built at *Colombo*Launched *15th Nov.*Yard No. *—*Builders *Messrs Walker Sons & Co. Ltd.*Owners *Asiatic Petroleum Co. Ltd.*Managers *Messrs Deluge & Forsyth & Co. Ltd.*
(Where necessary to be entered in Reg. Book.)Residence *Chatham St. Colombo*Port of Registry *Colombo*

If surveyed while building, afloat, or in dry dock

building afloat.

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

Total

Gross Tonnage *223.96-102.87*Register Tonnage *121.09*

REGISTERED DIMENSIONS.

FEET.

Length *100*Breadth *24*Depth *11'2"*

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

Breadth (greatest moulded) *B 24*

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

1st Transverse Number (L x D) *= 1075*2nd Number L x (B + D) *= 3475*Framing Depth "d," at middle of length. See Sec. 3 (1d) *9'75"*Proportions—Depth to Length—Uppermost continuous deck to top of keel *Do. Long Bridge to top of keel*Draught Moulded *9'6"*

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.
AMES, Spacing amidships	20	✓	Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead			" " Reversed Frame		
" " in peaks	20	✓	" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>E or F</i> <i>angle</i>	4 3 3/8	✓	" " top Angles		
" " Extends up to <i>Deck</i>			" " bottom Angles		
Reversed Frame Amidships, Angle	2 1/2 2 1/2 1/4	✓	Side Girders, No. each side and thickness		
" " Extends up to <i>Deck alternately</i>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder <i>Centre of hold</i>	12"	✓	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>		✓	Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, <i>E or F</i>		✓	" " Vertical Angle to Tank side		
" " Third " " "			Bracket forward 1/4 len. from stem		
Framing in Peaks, Angle <i>E or F</i> <i>angles</i>	4 3 3/8	✓	Gussets, spacing and scantling abaft 1/4 len. from stem		
Diameter and Spacing of Rivets through Shell Plating	3 1/2" <i>single row</i>	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem		
State if Frame Joggled	<i>no</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars			INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake		
ANGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds <i>12" deep</i>	5 1/6" <i>thick</i>	✓	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?		
Height of Brackets at side above base line at toe of frame	24"	✓	BEAMS.		
Middle Line Keelson, on Floors, Angles, <i>E or F</i> <i>angles</i>	3 3 5 1/6	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	4 x 2 1/2 5 1/6	<i>in way of tank</i>
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, <i>E or F</i>	4 1/2 3 3 1/8	<i>Clear of tanks</i>
" " Foundation Plate on Floors			Spacing	20	
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, <i>E or F</i>		
Side Keelsons, No. each side <i>one</i>			Spacing		
" " thickness of Intercoastal Plate	1/4"	✓	Third Deck, amidships, Angle, <i>E or F</i>		
" " Angles	3 1/2 3 1/2 5 1/6	✓	Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>E or F</i>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, <i>E or F</i>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, <i>E or F</i>		
			Spacing		
			Forecastle Deck, Angle, <i>E or F</i>		
			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.....									
,, in 'tween Decks, Size and Spacing.....									
,, " " " " "									
,, in Holds									
,, " " " " "									
Centre Line Bulkhead.									
Stiffeners and Spacing.....									
Plating, thickness of									
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells									
,, " " " " in way of Bridge									
,, Angle in Wells									
Thickness of Plating abreast Deck openings) in way of Wells									
Thickness of Plating abreast Deck openings) in way of Bridge									
If Sheathed, material and thickness									
Second Deck.									
Stringer Plate, breadth and thickness in Wells...									
Stringer Plate, breadth and thickness in way of Wells									
Thickness of Plating abreast Deck openings) in way of Bridge									
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.							
AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				EDGES. State if jogged?		BUTTS.					
					SINGLE OR DOUBLE.		RIVETS.		NO. OF ROWS OF RIVETS.		RIVETS.		STRAPPED OR LAPPED.		
Breadth.	Thickness.	Thickness.	Thickness.		Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.		
Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.		
FLAT PLATE KEEL	36	7/16	7/16	/	Double	3/4	2 1/4 x 2 7/32	Double	7/8	2 1/4 x 3/4	Lapped				
" DBLG. (if any)	13	7/16		/				Tribble	3/4	2 3/16 x 2 7/32	Strapped				
BOTTOM PLATING, No. of Strakes ... <i>Nine</i>	54	7/16	7/16	/	"	7/8	2 1/4 x 2 7/32	Double	7/8	2 1/4 x 1 3/4	Lapped				
BILGE PLATING, No. of Strakes ... <i>Nine</i>	54	7/16	7/16	/	"	7/8	"	Double	7/8	2 1/4 x 1 3/4	"				
SIDE PLATING, No. of Strakes ... <i>Four</i>	52	7/16	7/16	/	"	7/8	"	Double	7/8	2 1/4 x 1 3/4	"				
UPPER DECK, Sheer- strake in Wells ... <i>Seven</i>	54	7/16	7/16	/	"	7/8	"	Double	7/8	2 1/4 x 1 3/4	"				
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				/											

[illegible][illegible]

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.		Statutory.	Break- ing.	Tons.	Cwts.	qrs.	lbs.					Cwts.	Length.		Diam.	Fathoms.
74969	60½	¾	10	15	18.3	9	-	-	-	Stud Lynch's Hingley & Sons		Feb 21 st Newkirk	TOWLINE ... (HAWSEERS & WARPS)	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
Iron Stream } Chain or } Steel Wire }		Cir.											"					

Builder's Signature W. H. Mearns

GENERAL DECLARATION The Vessel has been built under Survey on accordance with the approved plans, the Rules, & Secretary's letters. All materials used in the construction has been passed by the Society's Surveyors. Tanks have been tested to Rule, also cofferdams & four water peaks. The workmanship throughout has been good. Vessels tanks & Bilges have been cemented throughout. Power & Stand Bilge Pumps have been tested to my satisfaction. Present at machinery trials, the engine giving every satisfaction speed attained approx 5 knots, engine revolutions being 360 per min.

The amount of Entry Fee £ ¹⁰³⁰ 2 : 0 : 0 } Fees applied for,
 Special Survey Fee..... £ ^{at 150} 67 : 88 : } 12/12/1924.
 Travelling Expenses, if any £ ¹⁰⁰⁰ 6 : 0 : 0 } Received by me,
 10.7.25
 State whether the Vessel has been built under Special Survey *Special Survey not requested.* Signature *H S Melton*
 Certificate to be sent to *Colombo* Date of issue *26/6/25*
 For Harbour purposes.
 Surveyor to Lloyd's Register of Shipping.

PM. 26 JUN 1925

Write for For Harbour Purposes.
Car: oil fuel in bulk.
2P above 150° 3

+ Lamb 12.24 O.G.

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Lloyd's Register
Foundation

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	C.S. anchor	2.3.4	D.D.W	87200	9 th Oct 1924
2nd "	"	2.3.4	D.D.W	87199	9 th Oct. 1924
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

{ May 31 June 12-28, July 4-17, 22 Aug 6, 15, 26
Sept 1, 6, 12, 22, 27, Oct 2, 7, 14, 17, 25 Nov. 3, 7, 11, 12, 15, 16, 17
Dec. 1, 3, 5, 6

Total No. of Visits 30