

STEEL STEAMER or MOTORSHIP.

Received at London Office.. 4 OCT 1933

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 *2nd Oct. 1933.* Port of *Glasgow.* No. *53862.*Survey held at *Glasgow.* Date First Survey *7th March 1933.* Last Survey *27th Sept. 1933.*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Twin Screw Steamer "PRABHAVATI" (Machinery amidships).*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Shade Deck Special Scantlings for Trade* State Type of Erections *Shade Deck.*TONNAGE under Tonnage Deck... *473.99* CLASS *+ A1 with Freeboard* (State if with freeboard as condition of Class) *Yes.* Built at *Glasgow.*

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

Total

s Tonnage *555.70*ster Tonnage *204.75*

REGISTERED DIMENSIONS. FEET.

th *199.7*dth *34.15*h *10.95*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 199.0*Breadth (greatest moulded) *B 34.0*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 11.5*1st Longitudinal Number (L x D) = *2288.50*2nd Numeral L x (B + D) = *9054.5*Framing Depth "d," at middle of length. See Sec. 3 (1d) *10.25 E.R. 8.5*Proportions—Depth to Length—Uppermost continuous deck to top of keel *17.3*Do. Long Bridge to top of keel *8'-9 1/2*Draught Moulded *8'-9 1/2*Built at *Glasgow.*Launched *17th August 1933* Yard No. *9295.*Builders *Harland & Wolff Ltd.*Owners *Bombay Steam Navigation Co.*

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

Residence

Port of Registry *Bombay*If surveyed while building, afloat, or in dry dock *Yes.*

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.
MES, Spacing amidships	24				Bracket Floors, Frame				
" from 3/4 length to Collision bulkhead	24				" " Reversed Frame				
" in peaks	24				" " Vertical Struts				
E FRAMING.					Centre Girder, depth and thickness amidships	36	x	36	
ame Amidships, Angle, <i>E or F</i>	4	2 1/2	32		" " top Angles	2 1/2	2 1/2	32	
<i>In 10 bunks</i>	4	2 1/2	40		" " bottom Angles	3 1/2	3 1/2	36	
" Extends up to					Side Girders, No. each side and thickness	200	@	35	
versed Frame Amidships, Angle	2 1/2	2 1/2	30		Margin Plate depth (excl. of flange) and thickness	25	x	32	
" Extends up to					" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	2 1/2	2 1/2	28	
pth of Framing Girder	4				" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem				
ames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>					" " Gussets, spacing and scantling abaft 1/2 len. from stem				
" Second 'tween Decks, Angle, <i>E or F</i>					" " Gussets, spacing and scantling forward 1/2 len. from stem				
" Third " " "					Tank Side Brackets, height above base line at toe of Frame and thickness	46	x	30	
aming in Peaks, Angle <i>E or F</i>	4	2 1/2	28		INNER BOTTOM PLATING.				
iameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8	@	4 1/2		Breadth and thickness of Middle Line Strake	45	-39	x 32	
ate if Frame Joggled	<i>Yes.</i>				Thickness of remainder in Holds	8 1/2	@	32	
TING ARRANGEMENTS (Sec. 7), state system and particulars	<i>No. Approved</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?				
ENGTHENING OF BOTTOM FORWARD. State Particulars	<i>20</i>				BEAMS.				
LE BOTTOM.					Uppermost Continuous Deck, amidships	7	3	44	
doors, Depth and thickness at mid-line in Holds	15	x	30		" in Wells, Angle <i>E or F</i>				
Height of Brackets at side above base line at toe of frame	30				" in way of Bridge, Angle, <i>E or F</i>				
iddle Line Keelson, on Floors, Angles, <i>E or F</i>					Spacing	48			
" " Through Plate	32A	40F			SHADE				
" " Intercoastal Plate	5	3	40		Second Deck, amidships, Angle, <i>E or F</i>	4 1/2	2 1/2	32	
" " Foundation Plate on Floors	4	3	38		Spacing	F24	A	48	
" " Flat Plate Keel Angles	3 1/2	3 1/2	36		Third Deck, amidships, Angle, <i>E or F</i>				
le Keelsons, No. each side	<i>One</i>				Spacing				
" thickness of Intercoastal Plate	28	x	35		Fourth Deck, amidships, Angle, <i>E or F</i>				
" Angles	6	3 1/2	44		Spacing				
DOUBLE BOTTOM. (Eng Room)					Poop Deck, Angle, <i>E or F</i>				
Solid Floors, thickness and spacing	28	@	24		Spacing				
" Are Frame and Reversed Frame joggled?	<i>Yes.</i>				Bridge Deck, Angle, <i>E or F</i>				
Bracket Floors, breadth and thickness at middle line					Spacing				
" breadth and thickness at margin plate					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.....	<i>One</i>		Stringer Plate, breadth and thickness in way of Bridge	<i>✓</i>	
" in 'tween Decks, Size and Spacing.....	<i>2½ x ¼</i>	<i>✓</i>	Thickness of Plating abreast Deck openings in way of Wells.....	<i>.25</i>	<i>✓</i>
" " " " " "	<i>48</i>	<i>✓</i>	Thickness of Plating abreast Deck openings in way of Bridge	<i>9 x .30</i>	<i>✓</i>
" in Holds " "	<i>3 x ¾</i>	<i>✓</i>	Thickness of Plating within line of openings...		
" " " " " "	<i>48</i>	<i>✓</i>	If Sheathed, material and thickness	<i>Seak 1¾</i>	<i>✓</i>
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	<i>and as approved</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
Plating, thickness of	<i>✓</i>		If Plated, state thickness.....	<i>✓</i>	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	<i>✓</i>	
Stringer Plate, breadth and thickness in Wells	<i>48 x .36 x .50</i>	<i>✓</i>	If Plated, state thickness	<i>✓</i>	
" " " " in way of Bridge	<i>✓</i>		Poop Deck.		
" Angle in Wells	<i>4½ x ½ .38</i>	<i>✓</i>	Stringer Plate, breadth and thickness	<i>✓</i>	
Thickness of Plating abreast Deck openings in way of Wells	<i>.36 x .30</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...	<i>✓</i>	
Thickness of Plating abreast Deck openings in way of Bridge	<i>18 x .44</i>	<i>✓</i>	Bridge Deck.		
Thickness of Plating within line of openings...	<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
If Sheathed, material and thickness	<i>P. Pine 2½</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...	<i>✓</i>	
SHADE			Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	<i>✓</i>	
Stringer Plate, breadth and thickness in Wells...	<i>15 x .30</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...	<i>✓</i>	

SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL	<i>38</i>	<i>.40</i>	<i>.50</i>	<i>.50</i>	<i>.40 - .36</i>	<i>Double</i>	<i>5/8 2½</i>	<i>Three</i>	<i>3/4</i>	<i>2½</i>	<i>Strapped</i>
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes	<i>56</i>	<i>.34</i>	<i>.30</i>	<i>.40</i>	<i>.34 - .30</i>	<i>Single</i>	<i>5/8 2½</i>	<i>Two</i>	<i>5/8</i>	<i>2¼</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes	<i>49</i>	<i>.34</i>	<i>.30</i>	<i>.30</i>							
SIDE PLATING, No. of Strakes			<i>✓</i>								
UPPER DECK, Sheer-strake in Wells	<i>56</i>	<i>.60</i>	<i>.30</i>	<i>.40</i>	<i>.60 - .30</i>	<i>Single</i>	<i>5/8 2½</i>	<i>Three</i>	<i>7/8</i>	<i>3¼</i>	<i>Lapped</i>
UPPER DECK, Sheer-strake in Bridge ...			<i>✓</i>								
STRAKE BELOW Sheer-strake in Wells	<i>56</i>	<i>.36</i>	<i>.30</i>	<i>.30</i>		<i>Single</i>	<i>5/8 2½</i>	<i>Two</i>	<i>5/8</i>	<i>2¼</i>	<i>Lapped</i>
STRAKE BELOW Sheer-strake in Bridge ...			<i>✓</i>								
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING											

Seams double riveted in way of oil fuel bunkers

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

Deck next below

As per Deck

*Eight**Eight*

FORGINGS and CASTINGS.

Casting or Forging. Scantlings. Maker's Name. Any departure from approved plans to be noted.

KEEL, Bar

STEM

STERN FRAME

Propeller Post

Rudder

RUDDER—A x D

Speed of Vessel

RUDDER mainpiece at head ...

" " heel ...

" how constructed

" double or single plate coupling, vertical or horizontal

*As S. 6 x 1½**C.S. 4" approved Cantique S.C.G.**F.S. 6 x 1½ Emersons Walker & Co**83.**14 Knots**F.S. 5½ dia Emersons Walker & Co**5½ x 3**Solid forged.**Double .38**Vertical*

STEEL.

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

Colvilles Ltd

Has the Steel been tested as required by the Rules?

*Yes**Open hearth process*

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.)

List of Plans.

- Midship Section as built forwarded in advance
- ✓ Midship Section
- ✓ Profile & Deck plan
- ✓ Oil fuel bunkers.
- ✓ Stern frame and rudder
- ✓ After framing sections
- ✓ Watertight bulkheads
- ✓ Welding at heads & heels of pillars
- ✓ Propeller brackets
- ✓ Plan of Crosshead

Forging Certificate of Rudder, frame, Stem frame Propeller brackets and Crosshead

The vessel is a sister vessel to ⁷⁵/₅ Chandrasati by same builders
(Your No 926) Glasgow Report No 53806

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	^c 11	-	³ 3	-	¹² 12	J.D. No 2915 20 th July 1933.
	2nd „	11	-	3	-	7	J.D. No 2916 20 th July 1933.
	3rd „	11	-	3	-	21	J.D. No 2914 20 th July 1933

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 *Complete shade deck*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 Dk (pl st)*

Official No. : Signal Letters Is bottom of Vessel coated with *Bitumastic* *Yes* if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	14.0	14.3
Double bottom, under Engines and Boilers,			After peak tank,	8.0	23.1
Double bottom, if under Engines only,	18.0	37.2	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. *6166*

Date

6.3.33

Dates of Surveys held while building

*1933. Mar 7-21-24-29. Apr 24. May 2-5-11-19-26-30 June 2-5-8-9-14-15-23-27-29-30.
July 4-5-6-7-11-12-26-28-31. Aug 4-10-14-17-25. Sept 1-5-8-13-14-18-20-21-27*

Total No. of Visits

44