

STEEL STEAMER or MOTORSHIP.

13 AUG 1931

Received at London Office

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 **3rd August 1931** Port of **BREMEN** No. **138H**Survey held at **BODENWERDER AND BREMEN** Date First Survey **28th MAY 1931** Last Survey **31st JULY 1931**On the (State if Machinery fitted Aft and
if Single, Twin or Triple Screw)**TWIN SCREW STEAMER "GARDENGA"**State Type (Full Scantling, Complete Superstructure
without Tonnage Openings)**SINGLE DECK**State Type of Erections **FORECASTLE**TONNAGE under
Tonnage Deck... **221.526**CLASS **100 A1**State if with freeboard
as condition of Class **YES**Built at **IANZIG** See letterDo. of space or spaces
between Tonnage Dk.
and Upper Dk.FOR COASTING SERVICE
BETWEEN LAURENCO MARQUES
AND PORT ELIZABETHLength from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) **129.26**Launched **1905** Yard No. **295**Total **221.526**Breadth (greatest moulded) **B 27.97**Builders **MESSRS. KLAUWITTER**Gross Tonnage **286.73**Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) **D 8.35**Owners **PORT ST. JOHNS COASTERS
PROPRIETARY LTD.**Register Tonnage **109.62**1st Longitudinal Number (L x D) **= 1079**Managers **MESSRS. S.S. SHUTTLEWORTH**
(Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) **= 4695**Residence **TURBAN**REGISTERED DIMENSIONS.
FEET.Length **127.85**Framing Depth "d" at middle of length. See
Sec. 3 (1d) **15.5**Breadth **27.97**Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keelDepth **8.26**Do. Long Bridge to top
of keel **6.69**

Draught Moulded

Port of Registry **PORT NATAL**

If surveyed while building, afloat, or in dry dock

**DURING ALTERATION, AFLOAT AND ON
SLIPWAY.**

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 0-52	500 1/2		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead 52-57AM	400 1/2		" " Reversed Frame		
" " in peaks 52-400.. NET 500 1/2			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, S or T	75x55x7		" " top Angles		
" " Extends up to	UPPER DECK		" " bottom Angles		
Reversed Frame Amidships, Angle	55x55x6		Side Girders, No. each side and thickness		
" " Extends up to	STRINGER ON EVERY 2nd FRAME		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	75 1/2		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, C or T			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, C or T			" " 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 T	75x55x7		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	16 1/2 5 105 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled N.O.T.			Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	SIDE STRINGER 300x6 4.65x65x6		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	THICKNESS OF PLATING INCREASED.		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	270x6.5		Uppermost Continuous Deck, amidships	140x75x9	
Height of Brackets at side above base line at toe of frame	200 above use of port		" " in Wells, Angle, T or F		
Middle Line Keelson, on Floors, Angles,	360x7.5		" " in way of Bridge, Angle, C or T		
" " Through Plate T			Spacing		
" " Intercostal Plate	800x8		Second Deck, amidships, Angle, C or T		
" " Foundation Plate on Floors	90x60x8		Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, C or T		
Side Keelsons, No. each side TWO			Spacing		
" " thickness of Intercostal Plate...	5.5		Fourth Deck, amidships, Angle, C or T		
" " TOP 90x60x6			Spacing		
" " Angles 65x65x6			Poop Deck, Angle, C or T		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, C or T		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, T or F	75x55x7	
" " breadth and thickness at margin plate			Spacing	400 1/2	

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.....	1				
" in 'ween Decks. Size and Spacing.....	HOLD FWD. 2 x 75 x 15 x 10 COMB. WITH LADDER				
" " " " " "	1 - 2" P				
" in Holds AFT " " 2 - 2" P					
" " " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing.....					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	600 x 7				
" " " " in way of Bridge	7 x 8 = 15 7/8				
" Angle in Wells	70 x 70 x 7				
Thickness of Plating abreast Deck openings in way of Wells	9 1/2				
Thickness of Plating abreast Deck openings in way of Bridge	7 x 8 = 15 7/8				
Thickness of Plating within line of openings...	7				
If Sheathed, material and thickness	NAT				
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					
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.....	500 x 6 1/2				
Plating, Sheathing, material and thickness ..	63% OREGON PINE.				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

4 Sec 7th report

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

Extending to Upper Deck (Sec. 3 c) **5**

„ Deck next below **1**

As per Rule **1**

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds	3/5 4/5	55x55x6	1000	55x55x6	1000
COLLISION „ (in Hold)	6	„	„	„	„
AFTER PEAK „ „	3/5 4/5	„	„	„	„

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, How				
STEM <u>2 1/2 x 100</u>	CAST STEEL		NOT KNOWN	
STERN FRAME { Propeller Post	CAST-STEEL	140 x 125 x 15	✓	
{ Rudder				
RUDDER—A x D <u>1, 10</u>				
Speed of Vessel	8 KNOTS			
RUDDER mainpiece at head ...	FORGED			
" " heel ...	120°			
" how constructed	FORGED FRAME			
" double or single plate	WITHOUT			
" coupling, vertical or horizontal	COUPLING.			

STEEL.

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

SEE CORRESPONDANCE.

Has the Steel been tested as required by the Rules?

