

With or Without
Disconnected Erections.

STEEL STEAMER.

WED. 23. EB. 1916
Received at London Office.

Date of completion of report 18th February 1916. State if Report is also sent on the Machinery of the Vessel Yes.
Survey held at Greenock & Glasgow Date, First Survey 24th Nov. 1914. Port of Greenock.
On the (State if Single, Twin, or Triple Screw) Single Screw Steamer PORTO GRANDE No. 16943
Tonnage under Tonnage Deck 40.32
Do. between Tonnage Dk. and 3rd and 4th Dk. 17.39
Total under Upper Dk. 10.10
Do. of Poop 194.81
Do. of R.Q.Dk. 10.10
Do. of Bridge House 180.71
Do. of Forecastle 10.10
Do. of Houses on Dk. 194.81
Do. of excess of Hatchways 10.10
Do. above Crown of Engine Room 180.71
Gross Tonnage 180.71
Less Crew Space 10.10
Less above Crown of Engine Room 180.71
FOR FEES 96.64
No Room 2.62
ation Spaces 98.55

Master Temporary, for voyage only.
Year of appointment 1916
Built at Greenock.
When built 1916. Launched 21st October 1915
By whom built Geo. Brown & Co.
Owners St. Vincent (Lape Verde) Loading Co. Ltd.
Managers
(Where necessary to be entered in Reg. Book.)
Residence St. Vincent
Port belonging to St. Vincent

TONNAGE under Tonnage Deck		BREADTH		DEPTH, ACTUAL		No. of Decks with flat laid	
Do. between Tonnage Dk. and 3rd and 4th Dk.	17.39	Feet.	Inches.	Feet.	Inches.	Do.	one
Total under Upper Dk.	10.10	23	6	10	0	No. of Tiers of Beams	one
Do. of Poop	194.81						
Do. of R.Q.Dk.	10.10						
Do. of Bridge House	180.71						
Do. of Forecastle	10.10						
Do. of Houses on Dk.	194.81						
Do. of excess of Hatchways	10.10						
Do. above Crown of Engine Room	180.71						
Gross Tonnage	180.71						
Less Crew Space	10.10						
Less above Crown of Engine Room	180.71						
FOR FEES	96.64						
No Room	2.62						
ation Spaces	98.55						

FRAMING.		PILLARS.		KEELSONS & STRINGERS.	
Angles, or E or L Bare amidships	3 2 1/2 25 3 2 1/2 25	PILLARS, In 'tween Deck, size and spacing	2 1/2 x 40" in fore peak as approved.	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	In fore peak space and in fore peak as per approved plans.
in peak		" Hold		" Flat Plate Keel Angles	
in way of Double Bottoms at Solid Floors		" Quarter 'tween Dks.,		" Horizontal Plates on Floors	
" at intermdt. Bkts.		" in Hold		" Angles or Bulb Angles	
of Frames from centre to centre amidships	20 30			SIDE KEELSONS, Number	
" length to Collision bulkhead	20 30			" Angles or Bulb Angles	
" in peak	20 30			" Plate above floors, for length	
USED FRAME, Angles, in E space	2 1/2 3 1/2 25 4 3 1/2 25			" Intercoastal Plate for length	
in way of Double Bottoms at Solid Floors				" Attached to outside Plating with Angle	
" at intermdt. Bkts.				BILGE KEELSON, Angles	
ING, depth of girder	Long. Framing			" Intercoastal Plate for length	
RS, depth and thickness of Floor Plate	E 32 26 E 32 26			" Attached to outside Plating with Angle	
at mid-line for 1/2 length amidships				SIDE STRINGERS, Number	
in way of Engine and Boiler Spaces				" Angle	
thickness at the ends of vessel				" Intercoastal Plate, for length	
depth at 1/2 the half breadth, as per Rule				" Attached to outside plating with Angle	
height extended at the Bilges				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	54 30 26
RS in Cell, Double Bottoms				" " " " br'dth & thickness (in way of Bridge)	3 x 3 30 3 x 3 30
state if flanged (top & bottom)				" " " " Angle (clear of Bridge)	30 30
Spacing of Solid floors				" " " " Tie Plate at sides of Hatchways	30 30
RE GIRDER, in Dbl. bottom, dpth. & thcknss.				" Deck * Iron or Steel, for fall lng.	
" Angles, Top				" " " " Thickness (clear of Bridge)	
" " Bottom				" " " " (in way of Bridge)	
" " to Floors				" " " " Wood Deck, Material & thickness	
Brackets at intermdt. frmg., wdth & thcknss				Second Deck Stringer Plate, br'dth & thickness	
GIRDERS, number on each side & thickness				" Angles on ditto, No.	
state if flanged (top and bottom)				" Tie Plates outside Hatchways	
" Angles (top and bottom)				" Deck * Iron or Steel, for lng.	
" " to Floors				" Wood Deck, Material & thickness	
IN PLATE, depth (exclusive of flange)				Third Deck Stringer Plate, br'dth & thickness	
and thickness				" Angles on ditto, No.	
Angle to Outside Plating				" Tie Plates, outside Hatchways	
" Floors				" Deck * Material and thickness	
Brackets at intermdt. frmg., wdth & thcknss				Fourth and Fifth Deck Stringer Plate, br'dth & thickness	
Height of Outside Brackets above at bilge				" Angles on ditto, No.	
R BOTTOM PLATING, breadth and thickness of Middle Line Strake				" Tie Plates outside Hatchways	
" in Engine and Boiler space				" Deck, Material & thickness	
" Remainder in Holds				Poop Deck Stringer Plate, breadth & thickness	
MS, Upper Deck, Single Angle, Bulb				" Angle on ditto	
Angle, Plate, Tee Bulb, or Channel				" Tie Plates	
In way of Long Bridge				" Deck, Material and thickness	
Spacing				Bridge Deck Stringer Plate, br'dth & thickness	
MS, Second Deck, Single Angle, Bulb				" Angle on ditto	
Angle, Plate, Tee Bulb, or Channel				" Tie Plates	
Spacing				" Deck, Material and thickness	
MS, Third and Fourth Deck, Single Angle, Bulb				Forecastle Deck Stringer Plate, br'dth & th'kns	
Angle, Plate, Tee Bulb, or Channel				" Angle on ditto	
Angles on upper edge				" Tie Plates	
Spacing				" Deck, Material and thickness	
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel					
Angles on upper edge					
Spacing					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel					
Angles on upper edge					
Spacing					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel					
Angles on upper edge					
Spacing					

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.*			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of A, L & E																			
Frames in Bridge 'tween Decks...																			
Frames from Uppermost Continuous Deck		6	3	32	5 1/2	3	30	6	2 1/2	25	5	2 1/2	25	3/4	4 1/2	3/4	sp. 6 diameters	5	3/4
" 2		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 3		"	"	"	"	"	"	"	"	28	"	"	"	"	"	"	"	"	"
" 4		"	"	"	"	"	"	"	"	30	"	"	30	"	"	"	"	"	"
" 5		"	"	38	"	"	"	"	"	38	"	"	"	"	"	"	"	6	"
" 6		"	"	"	"	"	"	"	"	"	"	25	"	"	"	"	"	"	"
" 7		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 8		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 9		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 10		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 11		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 12		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 13		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" 14		Bottom strengthened forward by means of fitting additional longitudinal frames.																	
" 15																			
" 16																			
Spacing of Longitudinal Frames		Amidships			At Ends			Amidships			At Ends								
Double Bottoms																			
" L, L or C																			
Spacing of Longitudinals		Amidships			At Ends														
Transverses.																			
In Bridge																			
'tween Decks																			
In Awning, Shelter or Upper 'tween Decks.																			
In Hold.																			
Spacing of Transverse Frames																			
Longitudinal Beams of																			
" L, L or A																			
Bridge Deck																			
Awg. or Shlt. Dk.																			
Upper																			
Second																			
Third																			

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 (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given in the Register Book) 1 Dk (stb) "Water carriers"
 Official No. ; Signal Letters State if Machinery is fitted aft Yes.
 How are the surfaces preserved from oxidation? Inside Cement and paint Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. ☒

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, <u>Holds fitted as F.W. Tanks.</u>		
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.			State whether the above have been tested as required by the Rules <u>Yes</u> .		

Order for Special Survey No. 2800
 Date 18-11-14
 No. 92 in builder's yard.
 Dates of Surveys held while building
(1914) Nov. 27, Dec. 1, (1915) Jan. 8, 13, 15, 21, 26, Feb. 1, 4, 8, 12, 18, 23, Mar. 1, 8, 12, 19, 29, June 2, 4, 8, 14, 24, 29, 21, 23, 26, Aug. 4, 10, 12, 16, 19, 24, 30, Sept. 1, 6, 9, 16, 20, 26, 30, Oct. 1, 5, 11, 13, 15, 18, 20, 21, Nov. 1, 6, 11, 18, 27, Dec. 20, Feb. 2, 5, 9, 10, 12.
 Surveyor's Signature Robert Howie for self & A. P. W. Mc