

With or Without
Disconnected Erections.

STEEL STEAMER.

Date of completion of report February 9, 1922. Port of Genoa
Survey held at Genoa Date, First Survey Aug. 30, 1921 Last Survey Feb. 7, 1922.

On the (State if Single, Twin, or Triple Screw) Tanker "Raphaello" Rig
TONNAGE under 5025 CLASS 100A1 in Bulk
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. 5025
Total under Upper Dk. 5025
Do. of Poop 300
Do. of R.Q. Dk. 265
Do. of Bridge House 78
Do. of Forecastle 152
Do. of Houses on Dk. 147
Do. of excess of Hatchways
Do. above Crown of Engine Room 6467
Gross Tonnage 362
Less Crew Space
Less above Crown of Engine Room 6105
TONNAGE FOR FEES. 2131
Less Engine Room 30
Less Navigation Spaces
Register Tonnage 3944
Destined Voyage S. America If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule	BREADTH—Moulded	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	No. of Decks with flat laid	No. of Tiers of Beams
115.2 m	15.77 m	8.45 m	1	1
Dimensions of Ship per Register, Length 117.5 m breadth 15.83 m depth 8.32 m				
FRAMING.				
FRAME, Angles, or C or f Bars amidships	300 x 90 x 12.5	300 x 90 x 12.5		
Do. in peaks	200 75 12.5	200 75 12.5		
Do. in way of Double Bottoms at Solid Floors	90 90 9.5	90 90 9.5		
Do. at intermdt. Bkts.	200 75 10	200 75 10		
Spacing of Frames from centre to centre amidships	685	685		
Do. from 1/2 length to Collision bulkhead	685	685		
Do. in peaks	610	610		
REVERSED FRAME, Angles.				
Do. in way of Double Bottoms at Solid Floors	75 75 10	75 75 10		
Do. at intermdt. Bkts.	200 75 10.8	200 75 10.8		
FRAMING, depth of girder				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				
Do. in way of Engine and Boiler Spaces				
Do. thickness at the ends of vessel				
Do. depth at 1/2 the half breadth, as per Rule				
Do. height extended at the Bilges				
FLOORS in Cell. Double Bottoms.				
Do. state if flanged (top & bottom)	Not flanged			
Do. Spacing of Solid floors	Every 37.5	Every 37.5		
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.				
Do. Angles, Top	90 90 10	90 90 10		
Do. Bottom	90 90 12	90 90 12		
Do. to Floors	150 150 10.5	150 150 10.5		
Do. Brackets at intermdt. frmg., wdth & thcknss	840 x 9	840 x 9		
SIDE GIRDERS, number on each side & thickness				
Do. state if flanged (top and bottom)	No			
Do. Angles (top and bottom)	75 75 11	75 75 11		
Do. to Floors	75 75 9	75 75 9		
MARGIN PLATE, depth (exclusive of flange) and thickness.				
Do. Angle to Outside Plating	1200 x 12	1200 x 12		
Do. Floors	90 90 12	90 90 12		
Do. Brackets at intermdt. frmg., wdth & thcknss	1100 x 9	1100 x 9		
Do. Height of Outside Brackets above at bilge	915 x 12	915 x 12		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				
Do. in Engine and Boiler space	12. B.S. 14	12. B.S. 14		
Do. Remainder in Holds	12.5-10	12.5-10		
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel				
Do. In way of Long Bridge	200 75 12.3	200 75 12.3		
Do. Spacing	Every	Every		
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel				
Do. Spacing				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				
Do. Angles on upper edge				
Do. Spacing				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				
Do. Angles on upper edge	200 75 10	200 75 10		
Do. Spacing	Every	Every		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				
Do. Angles on upper edge				
Do. Spacing				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				
Do. Angles on upper edge	200 75 10	200 75 10		
Do. Spacing	Every	Every		
PILLARS.				
PILLARS In 'tween Deck, size and spacing				
Do. Hold				
Do. Quarter 'tween Dks.				
Do. in Hold				
KEELSONS & STRINGERS.				
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
Do. Rider Plate				
Do. Flat Plate Keel Angles				
Do. Horizontal Plates on Floors				
Do. Angles or Bulb Angles				
SIDE KEELSONS, Number				
Do. Angles or Bulb Angles				
Do. Plate above floors, for length				
Do. Intercoastal Plate, for length				
Do. Attached to outside Plating with Angle				
BILGE KEELSON, Angles				
Do. Intercoastal Plate for length				
Do. Attached to outside Plating with Angle				
SIDE STRINGERS, Number				
Do. Intercoastal Plate, for full length	220 x 80 x 9/12	220 x 80 x 9/12		
Do. Attached to outside plating with Angle	940 x 11	940 x 11		
Do. Angle	90 90 12	90 90 12		
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)				
Do. br'dth & thickness (in way of Bridge)	1100 x 19	1100 x 19		
Do. Angle (clear of Bridge)	890 x 10	890 x 10		
Do. Tie Plate at sides of Hatchways	1200 x 11	1200 x 11		
Do. Deck. Iron or Steel, for full lng	890 x 10	890 x 10		
Do. Thickness (clear of Bridge)	150 x 150 x 18-12	150 x 150 x 18-12		
Do. (in way of Bridge)	14, 11 x 8	14, 11 x 8		
Do. Wood Deck. Material & thickness				
Second Deck Stringer Plate, br'dth & thickness				
Do. Angles on ditto, No.				
Do. Tie Plates outside Hatchways				
Do. Deck. Iron or Steel, for lng				
Do. Wood Deck. Material & thickness				
Third Deck Stringer Plate, br'dth & thickness				
Do. Angles on ditto, No.				
Do. Tie Plates, outside Hatchways				
Do. Deck. Material & thickness				
Fourth and Fifth Deck Stringer Plate, breadth & thickness				
Do. Angles on ditto, No.				
Do. Tie Plates outside Hatchways				
Do. Deck. Material & thickness				
Poop Deck Stringer Plate, breadth & thickness				
Do. Angle on ditto	1200 x 14.7	1200 x 14.7		
Do. Tie Plates	150 x 150 x 15-11	150 x 150 x 15-11		
Do. Deck. Material and thickness Steel	15 x 10	15 x 10		
Bridge Deck Stringer Plate, br'dth & thickness				
Do. Angle on ditto				
Do. Tie Plates				
Do. Deck. Material and thickness				
Forecastle Deck Stringer Plate, br'dth & th'kns				
Do. Angle on ditto	1200 x 8.5	1200 x 8.5		
Do. Tie Plates	90 x 90 x 10	90 x 90 x 10		
Do. Deck. Material and thickness Steel	7.5	7.5		

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 237 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 36 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Poop and Bridge combined

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 as it should appear in the Register Book) 1 D# steel

Official No. ; Signal Letters State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Paint and Bitumastic Outside Paint and Composition

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

Where Fitted.	*Length.		Where Fitted.	*Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank, Water Ballast	26	199
Double bottom, under Engines and Boilers, Fed Water	42	140	After peak tank, Fresh Water	16	248
Double bottom, if under Engines only,			Deep tank, aft,	33	300
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.

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 45

Date 30.8.21

No. 78 in builder's yard.

DATE of Surveys held while building

Surveyor's Signature

Colin Bartlett
British Register Foundation

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