

Promenade
Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 30930.

State of Report is also sent on the Machinery of the Vessel *Yes*
Port of *Glasgow* Date of completion of Report *2nd Dec 1911* Received at London Office *THU DEC. 28. 1911*
Survey held at *Glasgow* Date, First Survey *28th December 1910* Last Survey *1st December, 1911.*
On the *Twin Screw Steamer* "MAUNGANUI" Rig *Schooner*

TONNAGE under
Tonnage Deck... *5338.95*
Do. between Tonnage Dk. and
2nd, 4th, & 5th Dk. *1683.11*
Total under *7022.06*
Do. of Poop
Do. of R. of Dk.
Do. of Bridge House
Do. of Forecasts
Do. of Houses on Deck *505.00*
Do. of excess of Hatchways *.03*
Do. above Crown of
Engine Room...
Gross Tonnage *7527.09*
Less Crew Space *486.45*
Less above Crown of
Engine Room...
TONNAGE FOR FEES... *7040.64*
Less Engine Room *2408.67*
Less Navigation Spaces *89.87*

CLASS *+100A-1*
Breadth (greatest moulded) *55.5*
Depth at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck *42.5*
Reduct height of 'tween deck when this does not exceed 8ft. *8.0*
Transverse Number *90.0*
Length on deck from fore part of stem to after part of
sternpost *430*
Longitudinal Number *38700*
Depth "d" at middle of length. See Secs. 2 & 13... *13.25*
Proportions, Depths to Length, Uppermost Continuous
Deck at side to top of keel *10.11*
" " Upper Deck at side
to top of keel *12.64*

Master *L. G. H. Worrell*
Year of Appointment (1) As Master in service of
owner of present vessel:—1911
(2) As Master of this
vessel:—1912
Built at *Glasgow*
When built *1911* Launched *24/8/11*
By whom built *The Fairfield & Co Ltd*
Owners *Union S. S. Co of New Zealand Ltd*
Managers.
(Where necessary to be entered in Reg. Book.)
Residence
Port belonging to *Buenos Aires*

Register Tonnage
as cut on Beam... *4542.10*

Destined Voyage *New Zealand* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

| LENGTH on | Ft. | Ins. | BREADTH | Ft. | Ins. | DEPTH, ACTUAL | Top of Floors to top of | Ft. | Ins. | No. of Decks with flat laid |
|------------------|-----|------|---------|-----|------|---------------|-----------------------------|-----|------|-----------------------------|
| Deck as per Rule | 430 | 0 | Moulded | 55 | 6 | Do. | Awning or Shelter Dk. Beams | 39 | 23 | 1 |
| | | | | | | Do. | Upper Deck Beams | 31 | 23 | 1 |

Dimensions of Ship per Register,
Length *430.8* breadth *55.7* depth *31.2* Upper Deck. Moulded depth, ft. *42* ins. *6* To Awning or Shelter Dk. Round up of Uppermost
Dk. Beam, Actual *12* ins.

| FRAMING. | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | PILLARS. | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship |
|--|----------------|----------------|----------------|----------------|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| FRAME, Angles, or <i>E</i> or <i>L</i> Bars, amidships | 62 | 32 | 40 | 62 | 32 | 40 | PILLARS, In 'tween Deck, size and spacing | 25 | 2 | 4 | 5 | 4 |
| Do. in peaks | 62 | 32 | 40 | 62 | 32 | 40 | " Hold | 42 | | | | |
| Do. in way of Double Bottoms at Solid Floors | 32 | 32 | 44 | 32 | 32 | 44 | " Quarter, 'tween Dks., " | | | | | |
| " " at intermdt. Bkts. | | | | | | | " in Hold | | | | | |
| Spacing of Frames from centre to centre amidships | 27 | | | 27 | | | KEELSONS AND STRINGERS. | | | | | |
| " length to collision bulkhead | 27 | | | 27 | | | CENTRE LINE KEELSON, Vertical Plate above | | | | | |
| " of Frames from centre to centre in peaks | 24 | | | 24 | | | " Rider Plate | | | | | |
| REVERSED FRAME, Angles | 32 | 3 | 40 | 32 | 3 | 40 | " Flat Keel Plate Angles | | | | | |
| Do. in way of Double bottoms at Solid Floors | 32 | 32 | 44 | 32 | 32 | 44 | " Horizontal Plates on Floors | | | | | |
| " " at intermdt. Bkts. | | | | | | | " Angles or Bulb Angles | | | | | |
| FRAMING, depth of girder | 62 | | | 62 | | | " SIDE KEELSONS, Number | | | | | |
| FLOORS, depth and thickness of Floor Plate | | | | | | | " Angles or Bulb Angles | | | | | |
| at mid-line for $\frac{1}{2}$ length amidships | | | | | | | " Plate above floors, for | | | | | |
| " in way of Engine and Boiler spaces | | | | | | | " Intercoastal Plate, for | | | | | |
| " thickness at the ends of vessel | | | | | | | " Attached to outside plating with Angle | | | | | |
| " depth at $\frac{1}{2}$ the half-bdth. as per Rule | | | | | | | BILGE KEELSON, Angles | | | | | |
| " height extended at the Bilges | | | | | | | " Intercoastal Plate, for | | | | | |
| FLOORS & BRACKETS, in Cell Dble Bottoms | | | | | | | " Attached to outside plating with Angle | | | | | |
| " state if flanged (top & bottom) | | | | | | | SIDE STRINGERS, Number | | | | | |
| " spacing | 27 | | | 27 | | | " Angle | | | | | |
| CENTRE GIRDER, in Dbl. bottom, dpth & thickness | 45 | 54 | | 45 | 54 | | " Intercoastal Plate, for | | | | | |
| " Angles, Top | 32 | 32 | 52 | 32 | 32 | 52 | " Attached to outside plating with Angle | | | | | |
| " Bottom | 42 | 42 | 60 | 42 | 42 | 60 | Upper Deck Stringer Plates, breadth and thickness | 59 | 56 | 59 | 56 | |
| " to Floors | 32 | 32 | 44 | 32 | 32 | 44 | " Angle on ditto | 52 | 5 | 64 | 52 | 64 |
| SIDE GIRDERS, number and thickness | Two | 40 | Two | 40 | | | " Tie Plates, fore and aft, outside Hatchways | | | | | |
| " state if flanged (top & bottom) | | | | | | | " Deck * Iron or Steel, for full lng. | | | | | |
| " Angles | 32 | 32 | 44 | 32 | 32 | 44 | " Wood Deck, Material & thickness | 23 | 3 | 23 | 3 | 23 |
| MARGIN PLATE, depth (exclusive of flange) | 35 | 50 | | 35 | 50 | | Upper Deck Stringer Plate, breadth and thickness | 48 | 48 | 48 | 48 | |
| " and thickness | | | | | | | " Angles on ditto, No. | 32 | 32 | 48 | 32 | 32 |
| " Angles to outside plating | 4 | 4 | 50 | 4 | 4 | 50 | " Tie Plates, outside Hatchways | | | | | |
| " to floors | 32 | 32 | 44 | 32 | 32 | 44 | " Deck * Material and thickness | 3 | 34 | | 3 | 34 |
| " Height of Brackets above at bilge | 27 | | | 27 | | | Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness | 48 | 44 | 48 | 44 | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 45 | 52 | | 45 | 52 | | " Angles on ditto, No. | 32 | 32 | 48 | 32 | 32 |
| " thickness in Engine and Boiler space | 5 | 100 | 52 | 5 | 100 | 52 | " Tie Plates, outside Hatchways | | | | | |
| " Remainder in Holds | | | | | | | " Deck, Material and thickness | 3 | | 3 | | |
| BEAMS, Awning or Shelter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel | 9 | 32 | 46 | 9 | 32 | 46 | Poop Deck Stringer Plate, breadth & thickness | | | | | |
| " Angles on upper edge | | | | | | | " Angles on ditto | | | | | |
| " Spacing | 54 | | | 54 | | | " Tie Plates | | | | | |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel | 9 | 32 | 50 | 9 | 32 | 50 | " Deck, Material and thickness | | | | | |
| " Angles on upper edge | | | | | | | Bridge Deck Stringer Plate, br'dth & thickness | | | | | |
| " Spacing | 54 | | | 54 | | | " Angle on ditto | | | | | |
| BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel | 9 | 32 | 52 | 9 | 32 | 52 | " Tie Plates | | | | | |
| " Angles on upper edge | | | | | | | " Deck, Material and thickness | | | | | |
| " Spacing | 54 | | | 54 | | | Forecastle Deck Stringer Plate, br'dth & thickness | | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel | 11 | 32 | 52 | 11 | 32 | 52 | " Angle on ditto | | | | | |
| " Angles on upper edge | | | | | | | " Tie Plates | | | | | |
| " Spacing | 54 | | | 54 | | | " Deck, Material and thickness | | | | | |
| 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 | | | | | | | | | | | | |

Form No. 10. WEB FRAMES. FORGINGS OR CASTINGS. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. RIVETING. FRAMES extend in one length from Mid line to Margin from Margin to Margin etc. REVERSED FRAMES on floors and frames extend from Mid line to Margin from Margin to Upper Deck. MASTS, SPARS, &c. Lower Masts, Main, Mizzen, Bowsprit, Topmasts, Yards and Remainder of Spars, Rigging, Material and Size, Shrouds, Sails.

EQUIPMENT No. 42687 LETTER 671. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.) Committee's Minute GLASGOW 27 DEC. 1911 Character assigned 100A1

GENERAL REMARKS—(continued).

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 as it should appear in the Register Book) *3 Btl's (upper hull w.s. & 2 Btl's (lower hull w.s.) & Promenade Btl (sketch)*
Official No. ; Signal Letters State if Machinery is fitted aft *No*
How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

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

| Where Fitted. | Length. Feet. | Water Capacity. Tons. | Where Fitted. | Length. Feet. | Water Capacity. Tons. |
|---|---------------------------------|--------------------------|--|------------------|--------------------------|
| Double bottom, aft, | <i>78.75</i> | <i>92</i> | Fore peak tank, | | <i>110</i> |
| Double bottom, under Engines and Boilers, | <i>150.75</i> | <i>52.3</i> | After peak tank, | | <i>140</i> |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | <i>132.75</i> | <i>27.3</i> | Deep tank, forward, | | |
| Double bottom, forward, | | | Other tanks, if fitted, <i>Fresh water</i> | | <i>95</i> |
| | Total capacity of double bottom | <i>91.8</i> | (If necessary, furnish further information by sketch.) | | |

* The walls 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. *4572*

Date *6-12-10*

No. *479* in builder's yard.

DATES of Surveys held while building

1910 Decr. 28. Jan. 5. 10. 12. 14. 24. 26. 30. Feb. 2. 8. 15. 20. 22. 28. Mar. 6. 9. 14. 21. 24. 29. 31. April 5. 10. 15. 18. 25. 28. May 3. 4. 17. 19. 24. 31. June 7. 14. 18. 26. 27. 28. 30. July 4. 6. 7. 11. 12. 26. 31. Aug. 3. 4. 10. 14. 16. 17. 22. 23. 24. 29. Sept. 1. 4. 7. 12. 13. 14. 18. 20. 24. 27. Oct. 2. 4. 6. 12. 16. 18. 20. 24. 26. 30. Nov. 1. 3. 8. 11. 14. 20. 22. 24. 27. Dec. 1.

Total No. of Visits *88*

Surveyor's Signature

J.D. Wares

Lloyd's Register Foundation