

Lloyd's Register of British and Foreign Shipping.

FORM OF COMPARISON OF SCANTLINGS OF UNCLASSED IRON AND STEEL SHIPS
WITH THE RULES OF LLOYD'S REGISTER.~~IRON OR~~ STEEL *Twin Screw Steamer*Port of *Belfast*Survey held at *Belfast*Date, *while Building*

1897.

On the *"KARoola"*Rig *fore & aft schooner*ONE, OR TWO DECKED, THREE DECKED VESSEL,
~~OR~~ OR AWNING-DECKED VESSEL.

Feet.

Half Breadth (moulded) 28.0

Depth from upper part of Keel to top of *Main* Dk. Beams 29.5

Girth of Half Midship Frame (as per Rule) 52.9

1st Number 110.4

1st Number, if a 3-Decked Vessel deduct 7 ft.

Length 41.5

2nd Number 46.147

Proportions—Breadth to Length 7.46

Depths to Length—Upper Deck to Keel under 11

Main Deck ditto 14.18

Built at *Belfast*

When built 1907 Off. No.

By whom built *Karland & Wolff Lim.*Owners *McGarrath, McEachern & Proprietary Lim.*Port belonging to *Melbourne*

COMPARISON OF THE SCANTLINGS:—To be made with the Rules of Lloyd's Register.

FRAMING.

FRAME, *Channel* Bars for $\frac{1}{2}$ length amidships
Distance of frames from Moulding edge to moulding edge, all fore and aft

BEVERSED FRAME Angles

BEVERSED ANGLES on floors and frames extend

FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships
height extended at the BilgesFLOORS AND BRACKETS in Cell Double Bottoms
Distance apartCENTRE GIRDER, in Double Bottom, depth and thickness
Angles, Top $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ BottomSIDE GIRDERS, number and thickness
AnglesMARGIN PLATE, depth (exclusive of flange) and thickness
AnglesINNER BOTTOM PLATING, breadth and thickness of Middle Line Strake
in Engine and Boiler Space
Remainder in HoldsBEAMS, *Running* Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *Channel*
Angles on upper edge
Average spaceBEAMS, *Main* Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *Channel*
Angles on upper edge
Average spaceBEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *Channel*
Angles on upper edge
Average spaceBEAMS, Hold, or Orlop, Plate or Tee Bulb
Angles on upper edge
Average spaceBEAMS, Poop and Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb *Channel*
Angles on upper edge
Average spaceBEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb *Channel*
Angles on upper edge
Average spacePILLARS, Hold *2 Rows*
Angles on upper edge
Average spacePILLARS, Deck *Two Rows*
Angles on upper edge
Average spaceWEB-FRAMES, in Fore Body, No. and spacing
Breadth & Thickness
No. of Side StringersWEB-FRAMES, in After Body, No. and spacing
Breadth & Thickness
No. of Side Stringers
Size of Angles or Tee Bars to Web Frames

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate
Rider Plate
Bulb Plate to Intercoastal Keelson
Horizontal Plates on Floors
AnglesSIDE KEELSON, Angles
Bulb or Plate above floors, for length
Intercoastal Plate for length
Attached to outside Plating with AngleBILGE KEELSON, Angles
Bulb or Plate above floors, for length
Intercoastal Plate for length
Attached to outside Plating with AngleBILGE STRINGER, Angles
Bulb Plate for length
Intercoastal Plate for length
Attached to outside Plating with Angle2 SIDE STRINGER, Angles
Bulb or Intercoastal Plate for full lng.
Attached to outside Plating with AngleUpper Deck Stringer Plate, on ends of Beams, breadth and thickness
Angle on ditto
Flat of Deck, *Iron* or Steel, for full length
Wood Material & thickness *Like Sills*
How fastened to BeamsMain Middle Deck Stringer Plate, breadth and thickness
Diagonal Tie Plates on Beams, No. of pairs
Flat of Deck, *Iron* or Steel, for full length
Wood Material & thicknessLower Deck Stringer Plate, breadth and thickness
Flat of Deck, Material & Thickness *Steel*

Hold or Orlop Stringer Plate, breadth and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness
Doubling or inch thickness and length applied *full length*PLATES in Garboard Strakes, breadth and thickness
from Garboard to lower part of BilgesBilges, number of Strakes and thickness
Of doubling at Bilge, and length applied
from upper part of Bilge to lower edge of SheerstrakeSheerstrake, breadth and thickness
Upper Sheerstrake
Of doubling at Sheerstrake and length applied at ends *full length*Poop and Awning Decked Sides
Bridge do.
Forecastle do.Bulkheads No. *Seven* No. per Rule *Seven*
Height up *Main Dk*
Thickness of *2-7* How secured to sides of ship *Large Angles*Size of Vertical Angle Irons *9-12* and distance apart *30* ins.Are the outside Plates doubled two spaces of Frames in length? *Large Buckets*

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES.

Butts of Shell Plating Quadruple riveted for $\frac{1}{2}$ length Triple at ends. All seams double riveted.
Butts of Bridge Stringer Quadruple riveted, Awning, Main & Lower Stringer Triple Riveted.

GENERAL REMARKS (state quality of Workmanship and present condition of Vessel).

Vessel building with a view to class 100 A. Awning Deck.

Surveyor's Signature

J. H. Kendall

Lloyd's Register
Foundation

WS81-0035

Lloyd's Register of British and Foreign Shipping

OF SHIPS OF THE ROYAL NAVY AND OF THE ROYAL MERCHANT SERVICE

THE FOLLOWING IS A LIST OF THE SHIPS OF THE ROYAL NAVY AND OF THE ROYAL MERCHANT SERVICE, AS ENTERED IN THE REGISTER OF SHIPS, FOR THE YEAR 1880.

THE SHIPS ARE LISTED IN ALPHABETICAL ORDER OF THEIR NAMES, AND ARE CLASSIFIED INTO THE FOLLOWING CATEGORIES:

1. SHIPS OF THE ROYAL NAVY.

2. SHIPS OF THE ROYAL MERCHANT SERVICE.

3. SHIPS OF THE ROYAL FISH GUARD.

4. SHIPS OF THE ROYAL MARINE.

5. SHIPS OF THE ROYAL ARTILLERY.

6. SHIPS OF THE ROYAL ENGINEERS.

7. SHIPS OF THE ROYAL MEDICAL SERVICE.

8. SHIPS OF THE ROYAL VETERINARY SERVICE.

9. SHIPS OF THE ROYAL SIGNAL SERVICE.

10. SHIPS OF THE ROYAL AERONAUTICAL SERVICE.

11. SHIPS OF THE ROYAL ROYAL NAVY.

12. SHIPS OF THE ROYAL ROYAL MERCHANT SERVICE.

13. SHIPS OF THE ROYAL ROYAL FISH GUARD.

14. SHIPS OF THE ROYAL ROYAL MARINE.

15. SHIPS OF THE ROYAL ROYAL ARTILLERY.

16. SHIPS OF THE ROYAL ROYAL ENGINEERS.

17. SHIPS OF THE ROYAL ROYAL MEDICAL SERVICE.

18. SHIPS OF THE ROYAL ROYAL VETERINARY SERVICE.

19. SHIPS OF THE ROYAL ROYAL SIGNAL SERVICE.

20. SHIPS OF THE ROYAL ROYAL AERONAUTICAL SERVICE.

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