LLOYD'S REGISTER OF SHIPPING RECEIVED 13 MAR 86 LONDON

19.11.85
~~25.11.85~~

MIDSHIP SECTION
STEEL SCREW STEAMER
To class ✠ 100 A.1. 3 Deck Rule. Steel

No. 299

S.S. "Queen Victoria"
Glasgow Report No. 7/184.

Dimensions.

	Feet
Length as per Rule	288.5
Half moulded Breadth	19.4
Depth from Top of Keel	26.04
Half Midship Girth	41.41
Depth Top of Keel to Main deck	18.54

Numerals.

19.4 + 26.04 + 41.41 − 7 ..... = 79.85 Smart-ship Numeral.
" + " + " − " × 288.5 .. = 23036.72 Longitudinal .. WD. .
" + " + " × 288.5 + 10 .... = 27561.84 Outfit ---- WD .. See letter attached J.F. Feb. 22/1/87

Proportions.

288.5 ÷ 38.8 .. = 7.43 moulded Breadths.
.. " ... ÷ 26.04 .. = 11.07 Depths to Upper deck.
.. " .. ÷ 18.54 .. = 15.56 ... WD .. to Main deck.

Poop. Bridge and Forecastle decks of 4. Plate 5" x 3"
Bridge and Hdl Sip Plates. 12 x 7/20 Butts overlapped 4½ double riveted.

BRIDGE DECK. POOP DECK. AND T.G. FORECASTLE.

Beams of Poop and Bridge. Single Angles 6½ x 4 x 11/20 -
Forecastle Beams. Bulb 7½ x 7/20. Angles 3 x 3 x 6/20 Knees 19" deep.

Outfit.

Anchors.

2 Bower Anchors.	34 cwts ea Stock	Test	31 12/20 Tons.
1 .. WD .. WD ..	29 " .. WD ..	"	27 10/20 "
1 .. Stream .. WD .	10 3/4 " .. WD ..	"	12 13/20 "
1 . Kedge . WD	5½ " .. WD ..	"	7 16/20 "
1 .. WD .. WD ..	2½ " .. WD ..	"	5 "

Cables 270 Fathoms of 1 14/16 Steel chain cable. Test 63¾ Tons
75 .. WD .. of 1 3/16 Stream Chain .. WD 35 "

Hawsers. 100 . WD of 12in hemp or 4" Steel Wire.
90 . WD . 9½ . WD .
90 . WD . 8 . WD .

Altered. See letter attached. J.F. Feb. 22/1/87

5½ x 4" Yellow Pine. 15" x 10/20 fr ½ to 8/20. Butts overlapped. Steel deck 5/20 / Iron deck thick 5/16 } for about 110 ft amidships. Butts double Riveted Straps 8 x 5/16 Seams single 2½ overlaps.

UPPER DECK.

Bulb 8½ x 8/20 to 7/20 Angles 3½ x 3 x 7/20 ~~6/20~~ Hatch Beams. Bulb 9½ x 9/20 Angles 3½ x 3½ x 7/20
2¾" dia. on alternate frames — Knees. 21½ deck

Keel ..... Side Bars. 10" x 1 6/16 Iron.
Stem ..... 10" x 2¾" at load line to 7½ x 2¾ at head. Iron.
Stern Post ..... 10" x 6". Below Boss and keel 13" x 6". tapering to 7½ x 6" at head. Iron.
Rudder ..... Stock 7¾" diam. Heel 3¾. Plating. 6/20 Steel or 5/16 Iron.

Steel deck 7/20 fr ½ length to 6/20 at ends. Butts overlapped 4½ and double Riveted fr ½ length.
58" wide 58" wide Landings 2½ ins 54" wide WD Remainder overlapped 2½ and Single Riveted 54" wide.

MAIN DECK.

Bulb 9½ x 9/20 to 8/20 at ends. Angles 3½ x 3½ x 7/20 to ~~6/20~~
3⅜" dia. on alternate frames. Knees 24" deep.

Stringers respectively

Frames ..... 5 x 3 x 8/20 fr ⅓ length. Ends 7/20. Spaced 24" to Upper deck. Poop. Bridge Forecastle.
Reverse Frames .. 3½ x 3 x 8/20 extending to Main and Upper decks alternately - all to Upper deck abaft the after peak bulkhead and alternately to forecastle deck.
Bulkheads ..... 4/20 - 6/20 plate. Angles. 5 x 3 x 8/20 - 7/20. spaced about 30 ins.

Top plate 9¾ x 9/20. Gusset Plates 9/20

HOLD BEAMS.

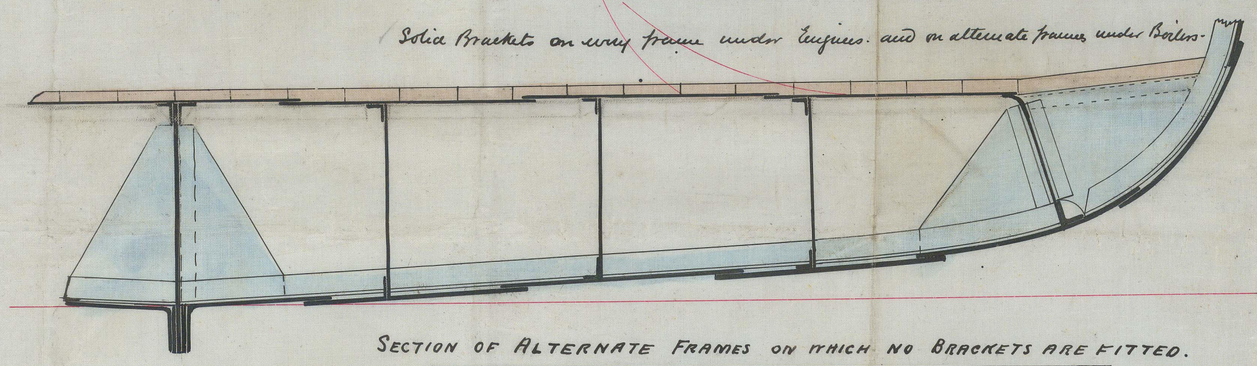
Bulb 10½ x 10/20. Angles 4½ x 4 x 9/20 on every 10th frame — Knees 26½ deep.

3½" dia. Those extending to Main deck 3⅞ dia -
x 4/20 under E & B. double Riveted fr ½ length. Remainder 2½ and single Riveted
Top. Plating of Inner Bottom. Strake next Centre Plate 6/20; Other Strakes 7/20 fr ½ to 6/20 Butts overlapped. 4½ and
Centre Top Plate. about 54" x 9/20 fr ½ to 8/20. Butts overlapped 4½" and double Riveted.
No Vertical Plate. 52" x 10/20. Double Butt Straps 7/20 thick x 16¾ and Treble Riveted.
Angles. 4 x 4 x 9/20 fr ½ to 8/20 at ends.
Longitudinals. 6/20 ~~fr ½ to 7/20~~ at ends. Butts overlapped 4½ and double Riveted.
Bracket Plates 6/20 ~~fr ½ to 7/20~~ - Solid Brackets on each frame under Engines. and on alternate frames under Boilers
Longitudinal and Bracket Angles 3½ x 3½ x 7/20 ~~fr ½ to 6/20~~. 4½ and double riveted
Double riveted landing. 4½" wide. other lands 2½" Single Riveted. Thrust Plate 7/20 Butts overlapped

2½" pine Ceiling

Stringer Plates of Poop. Bridge and Forecastle 20" x 7/20. Butts 8" x 7/20 double Rivt.
... WD Angles of WD WD WD 3 x 3½ x 7/20
Side Plating of ~~Poop~~. Bridge ~~and Hdl~~. 6/20. Straps 8" x 6/20 double Riveted.
Rail of Teak 9" x 3"
... WD Angle. 3½ x 3 x 7/20
Bulwark Stanchions. 1¾" dia.
... WD Plating. 5/20 - Sides of Poop. ~~Bridge~~ Hdl. 6/20 - Straps 4½ x 5/20 - 6/20 Single Rivtd.
Gutter Angle iron 3 x 3 x 6/20 -
Stringer Plate. 60 x 10/20 for ½ length to 36" x 8/20 at ends.
.... WD. Butt Straps. 16¾ x 12/20 and treble riveted fr ½ length. to 9¾ x 8/20 at ends double Riveted
... WD. Angle 4 x 4 x 8/20 fr ½ to 8/20 at ends.
Single Riveted Landing. 3" wide -
Sheerstrake about 47" x 15/20 fr ½ to 11/20 at Ends. Butt Straps 21¼ x 17/20 and treble Riveted fr ½ length. Remainder 19 - 13/16 11¼ x 11/20 to 11/20 double Rivtd.
Double Riveted Landing. 6 ins wide.
about 51" x 11/20 fr ½ to 9/20 at ends. Butt Straps 16¾ x 11/20 and treble riveted fr ½ length. Remainder 11¼ 9¾ x 10/20 to 9/20 and double Riveted.
Stringer Plate. 48" x 9/20 fr ½ length to 36 x 8/20 at ends. double Riveted
.. WD Butts overlapped 9" Treble Riveted fr ½ length. Remainder overlapped 4½" and
.. WD .. Angles 4 x 4 x 9/20 fr ½ length to 8/20 at ends.
Double Riveted Landing. 5½ ins wide -
about 47½" x 11/20 fr ½ length to 9/20 at ends. Butt Straps 16¾ x 11/20 and treble Riveted fr ½ length. Remainder 11¼ 9¾ x 10/20 to 9/20. double Riveted
Double Riveted Landing 5½" wide.
about 51" x 11/20 fr ½ Length to 9/20 at ends. Butt Straps 16¾ x 11/20 and treble Riveted fr ½ Length. Remainder 11¼ 9¾ x 10/20 to 9/20. double Riveted
Face Bars of L. W. Stringers. 5½ x 3½ x 13/32
Stringer Plate 39" x 9/20 fr ½ length to 30 x 8/20. Butts overlapped 4½ and double Riveted
WD Angles. 4 x 4 x 9/20 fr ½ to 8/20 at ends.
Double Riveted Landing 5½" wide.
about 47½ x 11/20 fr ½ Length to 9/20 at ends. Butt Straps 16¾ x 13/20 and treble Riveted fr ½ length. Remainder 11¼ 9¾" x 10/20 to 9/20 double Riveted -
Double Riveted Landing. 5½" wide.
about 51" x 11/20 fr ½ length to 9/20 at ends. Butt Straps 16¾ x 13/20 and treble Riveted fr ½ length. Remainder 11¼ 9¾ x 10/20 to 9/20 double Riveted.
Keelson. Angles. 6 x 4 x 9/20 for 3/5" ends 8/20 thick
Plate Intercostal fr 3/5 length. 9/20.
Intercostal angle 3½ x 3½ x 8/20.
Double Riveted Landing 5½" wide.
about 47½ x 12/20 fr ½ to 9/20 at ends. Butt Straps 16¾ x 14/20 fr ½ and treble Riveted. Remainder 11¼ 9¾" x 11/20 to 9/20. Double Riveted.
3½ x 3½ x 8/20.
Double Riveted Landing 5½" wide -
and double Riveted
about 51" x 12/20 fr ½ length to 9/20 at ends. Butt Straps 16¾ x 14/20 and treble Riveted fr ½ length. Remainder 11¼ 9¾ x 11/20 to 9/20
Double Riveted landing 5½" wide.
about 47½ x 11/20 for 1/2 length to 9/20 at ends. Butt Straps. 16¾ x 11/20 fr ½ length Treble Riveted. Remainder 11¼ 9¾ x 10/20 to 9/20 double Riveted
about 51" x 11/20 fr ½ length to 9/20 at ends. Butt Straps 16¾ x 11/20 and treble riveted fr ½ length to 11¼ 9¾ x 10/20 to 9/20 and double riveted
about 47½ x 11/20 fr ½ length to 9/20 at ends. Butt Straps 16¾ x 11/20 and treble riveted fr ½ length. Remainder 11¼ 9¾ x 10/20 to 9/20 and double riveted
Sarboard Strakes about 39½" x 12/20 fr ½ length to 11/20. Butt Straps 16¾ x 12/20 Treble Riveted fr ½ length. Remainder 11¼ x 11/20 double Riveted.

Those 2 Strakes on each side increased 1/20th in lieu of Top angles.
Solid Brackets on every frame under Engines. and on alternate frames under Boilers.



SECTION OF ALTERNATE FRAMES ON WHICH NO BRACKETS ARE FITTED.

SCALE ½ INCH TO A FOOT

Material. The Keel. Keel side Keels. Stem. Stern Post. Rudder. Hold Pillars. Shaft Tunnel. Coal Bunkers. Engine and Boiler Seating. Stanchions. Stringer Plates. Sheerstrake. Gunwale. Bulwark Rails. Steam Pipes. Steam Pipe Casings. and the Rivets to be of mild Steel. Other material in this section of Steel.

Note. The Plates forming Bars. and the plate above and below same. to be 1/20" thicker than their Strakes amidships. remainder of after Poops & planking same thickness as registered amidships.
The after Plates of Sarboard Strake to be of same thickness as the Strake amidships.
All the Butts below the Inner Plate to be treble Riveted in the neighbourhood of the Stern Post and the Straps 1/20 in thicker than the plates.

Alex.r Stephen & Sons
SHIPBUILDERS & ENGINEERS
GLASGOW
DRAWING No. 3708

18/11/85 J.F. Feb. 16/11/85 13/11/85

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