# S.S. No 230.

SCALE ½ INCH

MIDSHIP SECTION TO CLASS 100A AT LLOYDS "THREE DECKED CLASS"

DIMENSIONS 330-0" × 39.9 × 26.0 TO FLOORS

With short Poop Midship Bridge House and Topgallant forecastle

Deck plating in way of engine and boiler spaces and hatches as per rules

Ties 16" × 9/16 — Wood Deck 4"

angles 3×3×9/16 — bulb 8×9/16 — on alternate frames

Stringer 60 × 9/16 for ½ length to 38 × 7/16 at ends
angle iron 4 × 4 × 9/16

Height of alternate Reverse Sheerstrake 40" × 13/16 for ½ length to 10/16 at ends increased 1/16 for ¾ length

11/16 for ½ length to 9/16 at ends

| Numerals | |
|---|---|
| Half Girth | 43.41 |
| Half Breadth | 19.87 |
| Depth to keel | 28.08 |
| | 91.36 |
| | 7 |
| | 84.36 × 32.82 = 27686. |

| Proportions | |
|---|---|
| Breadths to length | 8.25 |
| Depths to length upper deck | 11.68 |
| Depths to length main deck | 15.56 |

2 5/0 Dia^r

Complete iron deck 6/16

bulb angle iron 7½ × 3 × 9/16 — on every frame — bulb iron 9½ × 9/16 at hatch ends

Double angle irons 3½ 3½ 9/16

Stringer 47 × 10/16 for ½ length to 38 × 6/16 at ends
angle irons 4 × 4 × 9/16

Height of alternate Reverse 12/16 for ½ length to 9/16 at ends

11/16 for ½ length to 9/16 at ends

| Bulkheads | |
|---|---|
| Upper half | 6/16 |
| Lower half | 9/16 |

| Rudder | |
|---|---|
| Dia^r at head | 8" |
| " heel | 4" |

3/0 Dia^r
3/0 if from keel or to main deck

Face plate 9/16
angle irons 4 × 4 × 9/16

Stringer 42 × 9/16 for ½ length to 33 × 9/16 at ends
angle irons 4 × 4 × 9/16

Covering plate 9/16
angle irons 4½" × 4" × 9/16
bulb iron 10½ × 10/16 — on every twelfth frame

12/16 for ½ length to 9/16 at ends

Brackets 8/16

The butt straps of upper and main deck stringer plates sheerstrake and of three strakes of plating round the bilges to be 1/16 thicker than the plates they connect and treble riveted for ½ length amidships

3½ Dia^r

Frames 5" × 3½" × 9/16" for 3/5ths length to 5" × 3½ × 7/16
Reverse frames 3½ × 3½ × 9/16 to upper and main decks alternately
All reverse to upper deck and double to upper turn of bilge in engine and boiler spaces
Floors 25 × 10/16 for ½ length to 9/16 at ends

Intercostal 9/16 for 3/5 length
angle irons 6½ × 4 × 9/16

3½ × 3½ × 9/16

12/16 for ½ length to 9/16 at ends

11/16 for ½ length to 9/16 at ends

Rider plate 14" × 14/16 over 3/5 length
Vertical plate 21" × 14/16 for ½ length to 12/16 at ends
angle irons 6½ × 4 × 9/16 for 3/5 length to 9/16
Foundation plate 18" × 10/16

Bulb iron 9½ × 9/16 for ½ length
Intercostal 9/16 for ½ length to 9/16 at ends
angle irons 6½ × 4 × 9/16 for 3/5 length to 9/16

Bulb iron 9½ × 9/16 for 3/5 length
Intercostal 9/16 for 3/5 length
angle irons 6½ × 4 × 9/16

Ceiling 2½

3½ × 3½ × 9/16

11/16 for ½ length to 9/16 at ends

12/16 for ½ length to 9/16 at ends

Garboard 36" × 12/16 for ½ length to 11/16 at ends
Keel & Stem 11 × 2¾
Stern Post 11 × 5½

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GLASGOW ENGINEERING & IRON SHIP... NOV 28 1921 GOVAN

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