SS Africa & Ethiopia

Glasgow Report No 3841

172 & 73.

To Class at Lloyds 100 A Three Decked.

315 × 33 × 26½ Builders Dimensions

½" Scale

Rec 28/7/73 & 18/8/73 & 30/4/74

Keel 3⅜"

Complete Iron Deck. 6/16"

Y t 7/16" Butterley Beam.

Beams of Watchways exceeding 8 spaces of frames same as Main deck

Alternate R. Bars

Numerals

16·5 + 27·5 + 40·25 — 4 = 77·25 for Frames R. Frames Floors & pillers

16·5 + 27·5 + 40·25 — 4 = " × 313·67 = 24·231 for Keel. Stem plating &c.

16·5 + " × " = 84·25 × 313·67 = 26·426 for Equipment.

Under 10 Breadths.

" 12 Depths to Upper deck.

" 16 " " Main "

2⅜"

Deck 3½"

14½ × 13/16 to 9/16"

3 + 3 + 9/16"

8 + 8/16 Bulb.

Buttends 7/16 to 6/16" A.I. 3 + 3 × 8/16"

Frames spaced 24" apart and all to upper deck.

Rudder 7/16 at head. 3¾" at heel

2⅞"

26 ft.

14½ × 9/16 to 7/16"

3 + 3 + 9/16"

8 + 8/16 Bulb. Alternate Frames

Butts of Upper & Main deck Sheerstrake

" " " " " Stringer plates * and of

3 Strakes at Bilge Treble rivetted on Straps

7/16" thicker than their plates for ½ vessels length

* Unless lapped and treble rivetted

3¼"

Keel 10 × 2¾"

Stem 10 × 2¾"

Post 10 × 5½"

Rider plate 9 + 10/16 to 9/16 for ¾ ths

Mean Twisth of Engine Space plates

6 + 4 + 9/16 to 8/16

14 + 12/16 to 11/16"

6 + 4 + 9/16 to 8/16

Floors 27 + 14/16 to 8/16 under Engines 10/16 × 39" Boilers 11/16"

3½ + 3½ + 8/16"

10/16 to 8/16

Frames 5 + 3 + 8/11 for ¾ to 7/16"

11/16 + 9/16

36 × 12/16 + 11/16

11/16 to 9/16"

Tonn 1134

Keel 44 × 8/16 to 30 × 7/16 with diagonals

50 × 9/16 to 30 × 8/16

11 + 4 + 9/16 to 8/16

Upper Sheer 40 × 7/16 for ¾ to 10/16" With Compensations. Iron Ports and Steel Scuttles.

8/16 to 7/16"

Alternate R. Bar.

Main Sheer 40 × 13/16 to 9/16"

11/16" to 9/16

12732 Iron

33 × 8/16 — Inside frame 27 + 9/16 for ¾ to 20 lbs

4 + 4 + 9/16 to 8/16

11/16 to 8/16"

11/16 to 9/16"

10/16 to 8/16"

3 + 3 + 8/16"

Intercostal 9/16 for 9/16" 26lbs.

6 + 4 + 9/16 to 8/16

Deduct Tonnage

Less Upper Deck Stringer with diagonals 44 × 8 = 352

Middle " " " 78·25 × 10 = 782 Per rule

1134

Less Upper Deck Stringer as proposed 50 × 9 = 450

Middle " " " 66 × 10 = 660

1110

With view to upper Deck

7⅞ × 10/16 for 3/8 to 6½ × 8/16 without Diagonals

66 + 17/16 × 3/8 to 3/16 Length 39¼ + 8/16"?

3 × 3 × 8/16

3 + 3 + 8/16

10/16 to 8/16

31/7/73

WM DENNY & BROS IRON SHIPBUILDERS DUMBARTON.

26 7 74

2/8/74

30/7/74

IRONS08 - 0249

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