

Fore-cast + diagonals  
15 1/4 x 8 1/16 to 12 1/2 x 7/16

Stringer 46 x 8/16 to 54 1/2 x 7/16

Deck 4 1/2

Beams 6 3/4 x 6/16 = Angles 2 1/2 x 2 1/2 x 5/16

Archd. McMillan & Son

STEELBUILDERS

Screw Steamers = 161 and 162

DOCK YARD, DUMBARTON.

Boat = class 100 A

Length Keel + Fore-cast = 275  
Beam - moulded = 33.6  
Depth to Upper Deck = 23.9  
" Main do. = 16.3  
" Moulded = 25.9

Fore-cast + diagonal ties - 15 1/4 x 9/16 tapering to 12 1/2 x 8/16

Beams 8 1/2 x 9/16 = Angles 3 1/4 x 3 x 6/16

Under 12 depths to length

Frames spaced 24 centre to centre

Beams on Lower deck - on every second + fourth frame

Butt straps of Upper deck Stringer plate - 3 Strakes of Bilge Plating for half length

Treble rivetted with Butt straps 1/16 thicker than their plates

Upper deck sheer strake treble rivetted for 1/2 length Butt straps to thicker

Fore-cast + diagonal ties  
15 1/4 x 9/16 tapering to 12 1/2 x 8/16

Beams 8 1/2 x 9/16 Angles 3 1/4 x 3 x 6/16

Sum of depth to 7 feet below Spar Deck

18.75

" " half moulded Beam

16.75

" " Girth to 7 feet below Spar deck stringer

31.50

67.00 x 275 = 18,425

Sum of depth to Upper deck Beams

25.75

" " Girth to " " Stringer

38.75

" " half moulded Beam

16.75

81.25 x 275 = 22,343

Butt 8 1/2 x 9/16  
Plate 24 x 12/16 to 8/16  
Angles 6 x 4 x 9/16  
Ceiling 2 1/2

Plate 22 1/2 x 9/16  
Angles 5 x 4 x 9/16

Butt 8 1/2 x 9/16 for 8/16  
Angles 5 x 4 x 9/16

Reverse 3 x 3 x 1/2

Floors 23 x 10/16 to 8/16

Frames 4 x 3 x 7/16 x 8/16

Keel 4 1/2 x 2 1/2

1/16 to 1/16 aft + 2/16 forward

to upper part of Bilge

IRON 504-0094

height of alternate  
Reverse Beams

8. Strake  
37 x 11/16 to 4 x 8/16

8 1/16 to 2 1/16

Single

height of alternate  
Reverse Beams

Sheer strake  
36 x 11/16

10 to 8 forward

10 to 8

10 to 8 aft - 5 forward

11 to 10 aft + 9/16

Half length  
amidships

height of Floors

3 Strakes of Plating round  
Bilge for 3/4 to 2/16 thicker  
than required

Letter to Surveyor  
 Glasgow 24/8/70

Lloyd's Register  
Foundation