S.S. DUNBAR late "Peer of the Realm"

Midship Section shewing new Bridge & Bulwark

SCALE ½" = 1 FOOT

CLASS 90 A 3 DECKS

DIMENSIONS

LENGTH AS PER RULE	279'-0"
½ BREADTH MOULDED	16·91
DEPTH from top of Keel	26·16
GIRTH of ½ SECTION	39·45

EQUIPMENT Nº 23023·08

2	Bowers	30 cwt	ex stock
1	"	25½ "	" "
1	Stream	9½ "	" "
1	Hedge	4 3/4 "	" "
1	Hedge	2½ "	" "
270	Fathoms	1 12/16	Chain Cable
75	"	1 1/16	Stream Chain
90	"	11"	Towline
90	"	9"	Hawser
90	"	7½	Warp

NUMERALS

½ Breadth	16·91	
½ Girth	39·45	
Depth	26·16	
	82·52	
	7·00	
	75·52	Frame Nº
	279	
	67968	
	52864	
	15104	
	21070·08	Plating Nº

Length of Bridge 66 feet

Stringer 24 × 7/16 angle 3 × 3 × 7/16

Tieplate 10 × 7/16

Tieplate 10 × 7/16

Stringer 24 × 7/16 Angle 3 × 3 × 7/16

Bridge deck

5½ × 3 × 9/16

5½ × 3 × 9/16

Bridge deck

7/16

7/16

Bridge House enclosed at fore end, Passages open at after end but fitted with weather boards.

Sketch of Bulwarks before & abaft of Bridge

STRINGER 40 × 9/16 for ½ Length to 33 × 8/16 at ends

Butts treble riveted for ½ Length amidships

IRON DECKS 6/16 for ½ Length 4/16 at ends

Wood deck 3½"

Waterway Bar 3½ × 3½ × 6/16

STRINGER ANGLE 4 × 4 × 9/16 for 3/5 Length 8/16 at ends

SHEERSTRAKE 40 × 13/16 for ½ Length. 12/16 to 7/16 " 10/16 at ends

Butt Straps Treble for ½ Length 14/16 thick

Angle 3 × 3 × 7/16

Angle Iron 5½ × 3 × 7/16 } Reduced as per Rule On every frame

Bulb Iron for Hatchway Beams as per Rule

PROPORTIONS

UNDER 11 Depths & 9 Breadths

" 15 " from Middle deck

Tie plate 14 × 10/16 for ½ Length

9/16 " 7/16 "

8/16 at ends

Stringer 61 × 10/16 for ½ Length to 33 at ends } Butts treble riveted for ½ Length

9/16 - ¾ Length

8/16 - at ends

Decks 3½"

Angles 4 × 4 × 9/16 for 3/5 length 8/16 at ends

Angles 3 × 3 × 6/16 } Reduced as per Rule

Bulb 8 × 8/16 }

Frames 5 × 3 × 8/16 for 3/5 Length } Spaced 24" apart

7/16 at ends }

Reverse Frames 3 × 3 × 7/16 to Upper & above Middle deck Stringer angle alternately

Bulkheads Lower Half 6/16 Double Reverse bars in Ends

" Upper " 5/16 Space to extend to top of Bilge

Stringer 37 × 9/16 for ½ length to 28 × 8/16 at ends } Butt Straps Treble riv^d

Top plate 5/16

Angles. 4 × 4 × 9/16 for 3/5 length to 8/16 at ends

Semi Box Beam } Angles. 3 × 3 × 6/16 Bulb. 8 × 8/16 } Reduced as per Rule

Pillars 3⅜" where to Middle deck in one length 3¾"

Boss plates covering Screw Shaft 11/16. Treble riveted Straps

3 × 3 × 7/16

8 × 8/16 for 3/5 length of Vessel only

5½ × 4 × 9/16 for 3/5 length 8/16 ends

8 × 8/16 for ½ length of Vessel only.

5½ × 4 × 9/16 for 3/5 length 8/16 at ends

Rider plate 12 × 13/16 for ¾ length Straps Treble Riveted

Centre " 18 × 13/16 " ½ " 12/16 at ¾ - 11/16 & 10/16 at ends

Double Straps 9/16 & treble riveted

Ceiling 2½"

10/16 to ½ length

9/16 to ¾ "

8/16 at ends

Floors 23½ × 9/16 for ½ Length

8/16 to ¾ "

7/16 at ends

1/16 thicker under Engines & Boilers

8/16

Keel 9½" × 2½"

Stem 9 × 2½

Sternpost 9 × 5

Rudder head 6¾

" heel 3½

Garboard Strake 36 × 11/16 for ½ length

10/16 at ends

Butts treble riveted for ½ length Straps 11/16.

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