

S. S. "Birksgate" Glasgow Report No. 5663

Midship Section

S S No 222

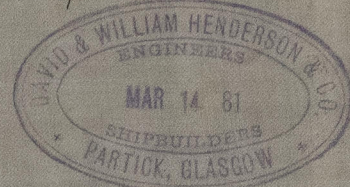
30 Class 100A "Spar Decked."

Dimensions

255'0" x 33'0" x 15'0" Depth of Hold - with normal floors - to main Deck.

Scale: 1/2" to a Foot.

15.13 Depth to Length
7.6 Breadth



Numeral.

1/2 Girth to main Dk.	30.08
Depth	16.45
1/2 Beam.	16.50
Length	253.66
First h.o.	1606.428
Second h.o.	

Equipment numeral

1/2 Beam	16.50
1/2 Girth to Spar Dk.	38.16
Depth	24.75
Length	253.66
20143.14	h.o. for Anchor & Chains.

Anchors and Chains.

2 Bowers	27 3/4	cut each, ex. stock.
1 Bower	23 1/2	" "
1 Stream	8 3/4	" "
1 Hedge	4 1/2	" "
1 Hedge	2 1/4	" "

270 Tons	1 1/2	stud chain cable
75 "	1 1/2	stream chain or 4" steel wire
90 "	11"	Towline or 3 1/2" "
90 "	9"	Harrover
90 "	7"	" "

Note: The reduction in thickness will be for to the of the vessels length at each end in the case of plate and 3/4 in the case of angle iron.

This arrangement of floor plates on alternate frames, except in Engine Space where the opposite arrangement will be carried out.

Beams on alternate frames { 6 1/2 x 9/16 Built 2 3/4 x 2 3/4 x 9/16 Double angles.

Frames: 4 x 3 x 1/6 for 1/6th length to 1/6 at ends, spaced 23 ins C. to C.

Reverse Frames: 3 x 3 x 1/6 to main & Spar decks alternately. Double reverse to upper turn of bilge on every frame under Engines + on alternate frames under Boilers.

Stem 8 x 2 1/2

Rudder stock 5 1/4" dia.

Deck, at fore and after ends 3 1/2" pine.

Iron deck for half length, 1/6.

Beams on alternate frames at fore and after ends under wood deck, at ends of hatchways and in way of Web frames { 8 x 1/6 Built to 7 x 1/6 2 x 3 x 1/6 Double angles.

Single Angle iron Beams 5 1/2 x 3 x 1/6 on every frame amidships where no wood deck is laid.

Riveting:-

Buttstraps of main and Spar deck shearstrakes, Spar deck shearstrake doubling, Stringer plates of both decks, and Flat keel plate, + three bilge strakes increased 1/6 and triple riveted for 1/2 length amidships.

Double buttstraps double riveted fitted to Centre line. Tank girder. Centre plate of Tank top and margin plate to have double riveted buttstraps. Remainder lap riveted butts (single)

This arrangement of floor plates on alternate frames, and in Engine Space on every frame increases to 1/6. Top plating in Engine Space 12/16 7/16 - Boiler space

