



Midship Section
Richardson Duck & Co

NR 501 & 502

S. S. "Bardsey"
Intro Report - Nr 2541

S. S. "Clinton"
Intro Report - Nr 2564

MOB761-0163



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Lloyd's Register
Foundation

Principal Dimensions

Length 30 90 559.0
 Breadth extreme 46.0
 Depth in hold to tank top 24.75
 Depth moulded 27.3
 Class 10091 Lloyd's - Steel

Three deck rule with normal fuel board
 Wood middle deck compensated for

Scantling Summary

Half Breadth 22.9
 Depth 28.17
 Half Girth 46.80
 97.87
 7.
 90.87

30638 Scantling

34896 Equipment

Depths in Length 11.96

Equipment (V)

- 2 Bows - 4 7/8 cut
- 1 do - 4 0 cut
- 1 Steam - 11 2 in stock
- 1 Sledge - 5 1/2
- 2 70 fathoms 2 steel chain cable
- 90 do - 4 3 mooring wire
- 120 do - 4 steel towline
- 90 do - 3 1/2 - 800 lb
- 90 do - 7 manilla warp
- 90 do - 4 do do

Shull (see plate 1 and 2) wire 10 in above tank top and 10 in above deck top
 Deck Plank and plate above 30 inches from tank top and 30 inches from deck top
 Tank top to deck all shell built lapped and riveted 3 complete rows
 quadruple riveted where over rule with

Beams Bull 11 x 20 two angles 32 x 32 x 20

Frames 6 x 3 1/2 x 20 for 3 d to 20 24 apart

Reverse frames 3 1/2 x 3 1/2 x 20 for 3 d to 20 all to Main deck

do in peaks 4 x 3 1/2 x 20 alternate rev frames to side deck
 do double in tanks in 67 d space

Dulkheads 7 1/2 (Floor by Rule 27 x 20 for 3 d to 20)

Stem 11 x 2 1/2 Stern frame 11 x 6 1/2 Mudder 9 x 4 2

Pillars 4" single
 placed zig zag

Centre stake of tank top 10 for 3 d to 20 butts & seams double riveted
 Tank top in hold 20 in Engine Room 20 in Boiler room 16 in
 Butts double riv for aft

double
 4 x 4 1/2 x 20
 Butts lapped and riveted

double
 rev frame 32 x 32 x 20
 36 x 18
 36 x 17
 Floor 20 20 in Boiler space
 frame 32 x 32 x 20

single
 Tank side 20
 double for 3 d
 15 x 10
 8 x 20
 32 x 32 x 20
 32 x 32 x 20

10 36 x 20 for 3 d to 20
 13 20 for 3 d to 20
 12 20 for 3 d to 20
 to be increased 20 for 3 d
 Butts quadruple riv for 3 d

12 20 for 3 d to 20
 12 20 for 3 d to 20
 12 20 for 3 d to 20

Tank rev frames legs margin plate and intercostals increased 20 in Boiler space

RICHARDSON DUCK & CO
 SHIPBUILDERS
 STOCKTON-ON-TEES

May 25th 1898

28/6/98

N^o 501-2

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