

Principal Dimensions
 Length B.P. 325.0
 Breadth Extreme 45.6
 Depth in hold to Tank top 23.82
 Depth moulded 26.4

Class 100A1 Lloyd's Steel

Scale 1/2" = 1 foot

12.11.97 Deck rule with normal freeboard
 16.11.97 Wood middle dx compensated for
 14.12.97 Pillars 2 3/4"
 6.5.99 (N 512)

Scantling Numbers
 Half Breadth 22.65
 Depth 27.25
 Half Girth 46.35
 46.25
 7.00
 89.25
 28842 Scantling
 32921 Equipment
 Depths in Length 11.8

Equipment (V)
 2 Bowers 4 1/2" each
 1 do 40 1/4" Stockless
 1 Stream 11 1/2" ex stock
 1 Kedge 5 1/4" do
 270 Tatham 2 stud chain cable
 90 do 4 1/2" mooring wire
 120 do 4" steel foul line
 90 do 3 1/4" Hawser
 90 do 8 1/2" Manila warp

Pillars 4 single
 placed zigzag

Centre shaft of Tank top 10" for 1/2" to 5"
 Tank Top in holds 8" to 20" under engine 3 iron, under boilers 1/2 iron
 Butts double riv for 1/2"

Boos Plate and plate above & below 20" thicker than plates amidships, butts lapped & triple riv
 From steel to main deck all butts of shell plates lapped and triple rivetted, 3 complete rows
 Tank floor, reverse frames intercostals slugs increased 20" under boilers
 Shell (ex plate steel & galv) where 1/20" or above to be reduced 20" in way of Tank

Iron deck 5/16 Butts single riv

Beams Bull Angle 6 1/2 x 3 x 20 in every frame

Stringer 38 x 20

Beams Bull Angle 8 1/2 x 3 x 20 in every frame

Hatch Beams Bull Angle 8 1/2 x 3 x 20 one angle 4 x 4 x 20

Stringer 46 x 20

Butts quadruple riv laps for 1/2" rest triple riv laps

Frame & Rev frame connection

Section of Hatch Beam (in way of hatch coaming)

Beams Bull 11 x 20 Angles 3 1/2 x 3 1/2 x 20
 Butts at wet through beams 12 x 20

Frames 5 1/2 x 3 1/2 x 20 for 1/2" to 8" 24 apart
 Reverse frames 4 x 3 1/2 x 20 all to upper deck alternate rev frames to side deck
 Reverse frames double in tank in 64 B space
 Bulkheads 7 1/2 x 20 (Floors by Rule 26 x 20 for 1/2" to 5")
 Stern 11 x 2 1/4 Stern Frame 11 x 6 1/2 Rudder 8 1/2 x 4 1/2

Frame girder being 1" above Butts, all frames are reduced 3" in width

Semi diamond plates 36 x 20 x 20 (24 in x 20) Intercoastal stringers 5/16 to 1/2 Face angle 6 x 4 x 20 other angles 4 x 3 1/2 x 20

Web frames butts lapped and triple rivetted

Butts of plates over rule widths quadruple rivetted



RICHARDSON DUCK & CO
 SHIPBUILDERS
 STOCKTON-ON-TEES

No 496
 4512 app. 6/5/99

MOB760-0037



Midship Section

Richardson Duck Co²

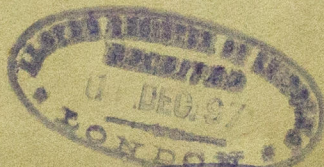
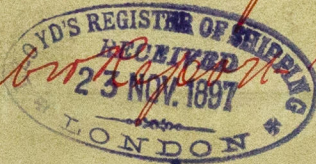
No 496

S.S. "Peerless"

Memo Report - No 2455

S.S. "Therapia"

Memo Report - No 2844



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Lloyd's Register
Foundation

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MD8760 - 0037(1/2)

MIDDLESBROUGH-ON-TEES.

Sent with freeboard report

Please return when done with.