

# Principal Dimensions

Length D.P. 340 0  
 Breadth Extreme 43 0  
 Depth Moulded 23 4

Shear Deck rule normal freeboard

Class 100 A1 Lloyd's  
 Scale 1/2" = 1 Foot

## Scantling Numbers

Half Breadth 23 9  
 Depth 29 3  
 Half Girth 43 95  
 102 15

1<sup>st</sup> Number 95 15

2<sup>nd</sup> Number 32 176

Equipment Number 38862

Breadths in Length 7 07

Depths in Length 11 54

## Equipment

2 Bows 50 wt / Stockless  
 1 Do 42 1/2 " "  
 1 Stream 12 " ex stock  
 1 Hedge 6 " "  
 270 Fathoms 2 1/2" stud chain cable  
 90 " 4 1/2" Mooring Wire  
 120 " 4 1/2" Steel Bowline  
 2 each 90 " 2 1/4" Stautser  
 2 " 90 " 7 Manila Warp

Pillars 4 1/8 single  
 placed zigzag.

Pillars 2 1/8

15 Camber

Beams Bulb Angle 3 1/2 3 1/2 on every frame  
 Hatch Beams Bulb 9 1/2 20 one angle 5 1/2 3 1/2 20  
 Plate knees

Pillars 2 1/8 single  
 placed zigzag

12 Camber

Beams Bulb 1 1/2 20 Angles 3 1/2 3 1/2 20 3 times  
 Bulbs at Web through Beams 12 20 Depth of Beams

Frames 6 3/2 20 for 1/2 L to 2 5' apart  
 Riv frames 6 3/2 20 for 1/2 L to 2 5' all to upper Deck  
 Alternate Riv frames to Side Deck  
 Riv frames Double in Tank in E & B space  
 Bulkheads 7 20 (Floors by Rule 29 20 for 1/2 L to 2 5')  
 Stem 11 2 5' Stem Frame 11 6 1/4 Rudder 9 4 1/2

Frame + Riv Frame connection

Sketch of Tank side Gussers  
 spaced as per Profile

Centre strake of Tank Top 1 1/2 20 for 1/2 L to 2 5'  
 Tank Top in Holds 1 1/2 in E & B space 1 1/2 20

Eight 1/8 Tank Side 20  
 rivets through Tank side

4 1/4 20 9 8  
 44 10 8  
 Butts lapped + triple riv

6 1/2 4 1/2 9 8  
 20

Plank heel 36 1/2 20  
 for 1/2 L to 2 5'  
 (to be increased 1/2 20 for 1/2 L  
 Butt laps Quadruple  
 riv for 1/2 length)

1 1/2 20 for 1/2 L to 2 5'  
 (to be increased 1/2 20  
 for 1/2 L)

Midship thickness to  
 extend to collision Pld

Midship thickness to  
 extend to collision Pld

From 1/2 L from fore to collision Pld frames in Tank doubled

Double plate a plate above & below 20 thicker than plates amidships -  
 Butts lapped + triple riv  
 Shell (except keel & garboard) where 20 or above to be reduced 1/2 in way of Double bottom  
 from keel to Deck all shell butts lapped + triple riv 3 complete rows Quadruple riv  
 where over rule width - Tank floor in frames lug margin plate + intercostals  
 increased 1/2 in outer space

N<sup>o</sup> 524-56

N<sup>o</sup> 528



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Friendship Section  
Richardson Duck Co.  
No 5264  
S. S. "Chorley"  
Abro Report - No 3167.



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Foundation