Iron 16886

5/3/75

S.S. "Dawn" No. 241.

Report No. 11,494

Mean load draught 12.7"

" Freeboard 1-6

Rec. 3/8/75

Principal Dimensions

Length bet. perps	148'-0"
Breadth	23-10
Depth	13-6" to top of Keel
1st No	48·49
2nd "	7176
6 Cyls	100 A

(½ 6 = 11·91 ; ½ 9 = 23·08 ; D = 13·5 ; 48·49)

Under eleven depths in length

Under 6 Breadths & 11 depths in length.

Bulkheads 4/16

Keel 24

Rider 24 Reduced with ½ at ends

Rider 3" Reduced with ½ at ends

Single angles 4x3½x6/16 alternate frames

Rec. 12-10-75

24 2 3/8

2 3/8

Single angles 6x3½x8/16 alternate frames

8x7/16 flat ½ L 6/16 at ends

Etc. plates 8x6/16 flat ½ L and 5/16

20x6/16 flat ½ L and 5/16 at ends

5x3x6/16

5/16

Single Butts Double

33"x7/16 flat ½ L 19x6/16 at ends

23"x2½x5/16

3x5x6/16

Single

33"x9/16 flat ½ L 8/16 at ends

Double

6/16 flat ½ L ends 5/16

Single

7/16 flat ½ L and 6/16 at ends

Single

6/16 flat ½ L 5/16 at ends

Double

I.W.L

Rec. 12-2-75 Keel Line finished fresh Scarm inches

Butt straps to sheerstrake, upper deck stringer plates and 1 strake at Bilge to be ½ thicker than plating

Engine openings and Hatchways to be framed and strengthened in accordance with Section 28

Frames to be doubled in way of flange plates to ballast tanks

Water ballast in after hold

Rider plate 9"x7/16 Reverse plate 10"x7/16 and 10"x7/16 flat ½ L and 3x3x6/16 Single

Centy 2"

Floors 24x2½x5/16 in centre

Floors moulded at 8/11 from mid Line equal 6 3/16

Floors 15½x6/16 for ½ L and 5/16 under Engine & Boilers

Double

Keel 7x1 5/8

Scarf ¼x1 5/8

Sternpost 30x3 1/4 8/16

Keel 3 3/4 Heads 2 1/4 Heel

Rudder 3 3/4 Heads 2 1/4 Heel

Boss end

7/16 flat ½ L ends 6/16

Double

6/16 flat ½ L and 5/16 Plates

6/16 flat ½ L ends 6/16

Frames for 3/5 L 3x3x6/16 at ends 3x3x5/16

Rec. do 2½x2½x5/16 L

Aft. Engine & Boiler bulkhead 7 frames 21" doubled in Engine and Boiler Spaces

3x3x5/16 flat for 3/5 L

Scale ½" = 1 foot

W. Pile & Co
Iron Shipbuilders
Sunderland

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