Midship Section of S.S. "Plessey" Nwc Report No. 15371

No 27 S.S.

Lloyds Dimensions 253-7 × 35-9½ × 24-11

Class 100 A 3 Decks

Grade 73/76 ⁄ 16600/18700

10.17 Depths to Length U.D.
14.58 " " M.D
7.08 Breadths
Poop & TG F = .225 of "

Girth 37-10½
½ Breadth 17-10¾
Depth 24-11
80-8¼
Deduct 7-0
Small Nos 73-8¼
253-7
Large Nos 18685

For Equipment
80-8¼
253-7
1/15th = 20460
1364
21.824 = Equipment No 21280

HODGSON & SOULSBY SHIP BUILDERS HLYTH

28.11.80

REGISTERED 5 DEC 1980 NORTH EASTERN REGION NEWCASTLE UPON TYNE

Stokehole grating & Coal Hatch

3 Deck

Open Bridge Beams 6½ × 3 × 9/16

Poop 26 feet long
Beams 6 × 3 × 9/16
Stringer 25 × 7/16
Angle 3 × 3 × 7/16
Ties none
Shell 6/16

78 Forecastle
Beams Bulb 6½ × 9/16
Angles 3 × 2¾ × 5/16
Stringer plate 25 × 6/16
Angle 3 × 3 × 6/16
Ties 10 × 6/16
Shell 5/16
Windlass below
Crew below U Deck

all Range w.t.

Single rivet

Iron Deck from Foremast to Afterhatch
" " 7/16 over ER remainder 6/16 covered with Y.P.S. ×4

Steps For. & aft of T.G. 13 × 7/16

End 7/16 Divisions 6/16

Wood D.K 5 × 4 on Iron

Single Landing

40 × 12/16 for ½ length reduced to 9/16 at ends

Double all below

Iron Deck 6/16 fore & aft

Single angle 6 × 3 × 8/16 on each frame

Butt at Hatch end 8 × 8/16 Single angle 6 × 3 × 8/16

Frames 5 × 3 × 8/16 for 3/5th length amidships } spaced 24 apart heel to heel
" " 7/16 at ends
Reverse Bars 3 × 3 × 7/16 extending above Middle to Upper Decks alternately
Bulkheads U Deck half 5/16 Lower half 6/16
" Vertical Angles 3 × 3 × 7/16 Horizontal 5 × 3 × 8/16 × 7/16
Rudder 6¼ × 3¼ Pintles 3/8 Plates 3/8

Panting Beams Bulb 9 × 7/16 Angles 2¾ × 2¾ × 6/16
" Stringer plate 18 × 8/16 " 4 × 4 × 8/16

Moulded Depth 24-2"

Top Plate 8 9/16 × 8/16
Angles 4 × 4 × 8/16
Bulb 9½ × 9/16 spaced according to Elevation

Web frames spaced as per Elevation
" " plates 13 × 8/16 with
" " double reverse bars on inner edge

Buttstraps of U.D. & M.D. Stringers Sheer Strake & of 3 Strakes at the Bilges (D.E.F) to be 6/16 thicker than the plates & 3" riveted for half length

MD to Keelson 3¾

Ballast Tank thro' ER & After hold

Top 7/16 in ER 6/16 in Hold

Floor 23 × 9/16 for half length
" " 8/16 " 3/4 "
" " 8/16 at ends

Keel 9 × 2½
Stem 8½ × 2½ × 1⅞ at head
S. Frame 9 × 4½ × " at head

10/16 plating may be reduced to 9/16

Keelson 36 × 11/16 for ½ length × × 12/16 at ends

10/16 for half length 9/16 for ¾ - 8/16 at ends ~~to be used at tank~~ tank not less than 9/16 within ¾ length amidships

19/4/80.

22/4/80

April 10-80

NWC777-0258

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