

Length Between perps	443'-6"
Breadth extreme	63'-8½"
Breadth mid.	63'-5"
Depth mid. Upper Deck	39'-0"
Depth mid. Second Deck	31'-0"
Depths to Length (Upper Dk)	11:37

2-7-37

Length to centre of  
rudder stock =  $44'4'' - 7\frac{1}{2}''$

# MIDSHIP SECTION

S.S. No. 721

COMPLETE SUPERSTRUCTURE TYPE

LLOYDS 100A.I. CLASS

Scale  $\frac{1}{2}'' = 1$  foot.

## Numerals

$$L \times D = 443.5 (31.0 + 8.0) = 17,297$$
$$L(\beta + \rho) = 443.5 (39.0 + 63.42) = 45.423$$

Equipment Numeral

$$\begin{array}{r} 443.5 (39.0 + 63.42) = 45,423 \\ \text{Deckhouse } 82.5 \times 7.75 \times .50 = \underline{320} \\ 45743 \end{array}$$

Deckhouse  $82.5 \times 7.75 \times .50 = \frac{320}{45743}$

- letter C†

- letter C†

Upper Deck .76" to .36" at ends  
End laps quad. riv. for 1/2 L except  
abreast casings (see Deck Plans)  
to single at ends.

Deck <sup>.41</sup> ~~.40~~ within line of openings  
to .36" at ends.

Connection of tween deck  
pillars to transverses.

Tween Deck  
pillars reeled

*See profile*

~~Channel Pillars as per profile.~~

~~Double pillars at hatch ends bracketed to deck & beam~~

Tween 10k pillars  
welded to deck

6" x 3 1/2" x .40  
100 = 3105

Steel C.L. Bulkhead .30" with  
B.A. stiff's spaced as per Profile.  
Double stiff's at Hatch Ends with  
brackets top & bottom.  
Bulk<sup>d</sup> top bar 3"x3"x .40"  
bottom bar 3½"x3"x .40"

Tank Top Cr. stroke 55" x .54" to .46", .60 B.S.  
Treble riv. end laps  $\frac{1}{2}L$ , Double at ends

Tank Top seams single riveted

2½" ceiling over Tank Top & Limbers, double under hatches

12 rns  $\frac{3}{4}$ " to floors  
10 rns  $\frac{7}{8}$ " to C. Girder for  $\frac{1}{2}$  L  
12 rns  $\frac{3}{4}$ " to C. Girder at ends.

Keel 54" x 84" for 3/5 L to 74" at ends.  
End laps Quad for 1/2 L to treble at ends.  
1" Rivets in end laps.  
3/8" Ribs in seams & frames.

Bottom Shell .66" to .52" Butts Quad to treble at ends

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SUNDERLAND

Messrs. Sir J. Lang & Sons, Ltd.

Yard No 721

MIDSHIP SECTION.



"Grayburn"

SUNDERLAND REG. NO. 32480

W169-0018



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