

## MIDSHIP SECTION

Dimensions: Length 460'0" B.P. x 60'0" Mld. x  $\begin{cases} 38'9" \text{ Mld. to shelter deck.} \\ 30'6" \text{ " " upper deck.} \end{cases}$

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

To Lloyds Class 100. A1

## Lloyds Numerals

B. 60.00  
D. 30.75  
90.75 Transverse No  
L. 460.00  
41745.00 Longitudinal No

$$\begin{array}{rcl} \text{d} = & \left\{ \begin{array}{l} 30' 6'' \text{ to upper deck} \\ - 10' 10'' \text{ tween decks} \\ 19' 8'' \\ - 3' 10'' \text{ Depth of C.D.B} \\ 15' 10'' \\ + 2' 4'' \text{ Addition for height} \\ \text{of tank side brackets} \\ 18' 2'' \\ - 18' 0'' \text{ 2" for steel beam knee} \\ \text{in depth} \\ 18' 0'' \end{array} \right. \end{array}$$

In way of {  $\begin{array}{l} 18'2'' \\ 8'0'' \\ \hline 10'2'' \end{array}$  trees.

Equipment Number

Hull	41745
Shelter tweens 460 x 8 x 75	2760
Houses about	530
	<u>45035</u>

## Equipment

### Owners Extra Scantlings.

Where increases in scantling are required by the rules the additions given below are to be added above these increases.

Tank top in insulated holds to be covered with bituminous composition. No air space between tank top insulation.

Where Oil Fuel is carried in double bottom the tank top not ceiled but covered with bituminous composition.

Tank top centre strake  
46" x 54" - 44" & 58" in B.S.  
Overlap butts, treble rvd. Where  
over 48" double rvd elsewhere  
Double rvd. overlap seams.

Floor plates 42-38/52 in B.S.  
Sitted on alternate frames  
Where shown on profile

Tank top plating:- 42-38, 52 in ES, 58 in 3S.  
Double rind overlap butts for  $\frac{1}{2}$  length to  
single at ends. DOUBLE RIND OVERLAP SEAMS.  
Single rind overlap seams AT ENDS.

Margin plate 55' - 50'  
58 in BS.  
Treble rind overlap butts  
Gussets every frame from 170' ford.  
Plate gusset every 2<sup>nd</sup> frame in  
NRI Hold 1/2 way 2<sup>nd</sup> frame elsewhere

Side Plating .68-.48  
+.04 on three strokes for  
omission of side stringers  
  
Quad. rivd. overlap butts where over  
.68, treble rivd. elsewhere

Width of shell plating not to exceed 84"

Tank knees - 42 - 38  
- 52 in boiler space

Bulge keel 6x6" x 62.7  
with 12x.50 bulb plate.

Flat plate keel  
49" x 12" x .25"  
Double butt straps treble rod. 50% L  
Quadruple overlaps at ends

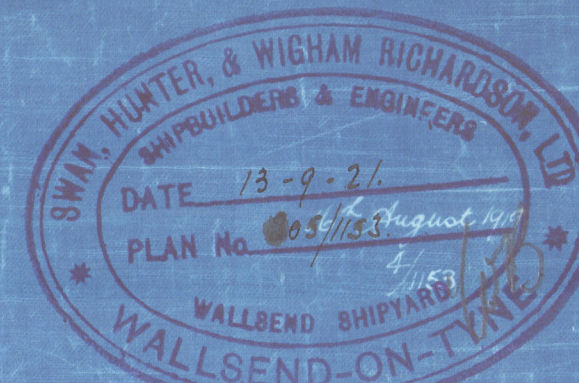
### Arrangement of bracket floors at intermediate frames

Partial solid floors under pillars and at Thrust Recess

Frames 8 3/4 x 42 ba's

3 1/2" x 4 1/2"  
52 IN B.S.

3. Strakes & bottom plating next to keel to have midship thickness maintained to collision bulkhead.  
Overlap butts, quadruple rivi. where over 68 to treble rivi. elsewhere.



W104 - 0 228



Messrs Swan & Hunter.

No. 1153.

S.S. "MONTFERLAND"

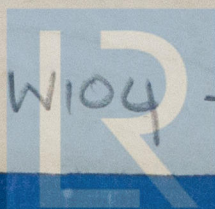
Midship Section of  
essel as built.

S. S. MONTFERLAND.

NEWCASTLE ON TYNE.

Report No. 74444

WS 93



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Lloyd's Register