

# Midship Section - S.S. No 62 -

Three-Deck Rule - Class 100 A Lloyd's (Steel)

Scale:  $\frac{1}{2}'' = 1'$

## Principal Dimensions:

Length as per rule ..... 451'-4"  
 Breadth extreme ..... 56'-3"  
 Depth to Main deck ..... 25'-8"  
 Upper " ..... 33'-7"

## Numeral:

$\frac{1}{2}$  Breadth ..... 28.00  
 $\frac{1}{2}$  Bulk to upper D. ..... 57.10  
 Depth per rule ..... 34.75  
 119.85  
 less 7  
 Frames 112.85  
 112.85 x 451.53 = 50932.58  
 Plating 112.85 x 50932.58

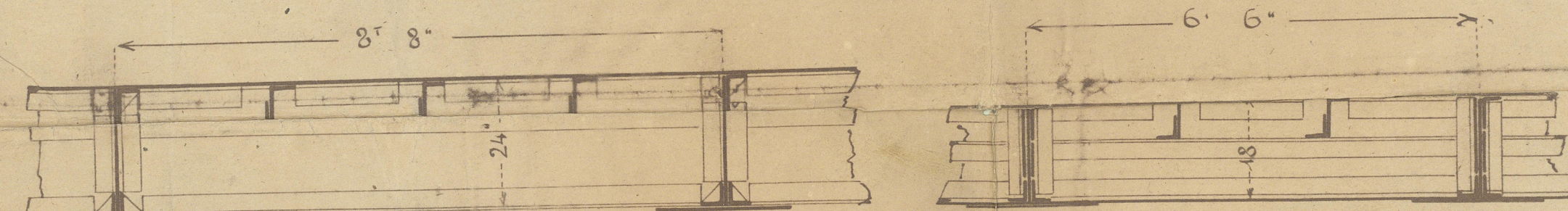
## Proportions:

Breadth to Length ..... 8.023  
 Depth upper D. to Length ..... 12.98  
 Main " " ..... 16.80

## Equipment No 57360

1 Anchor (Stockless) 73 cwt. } Total weight 208 cwt.  
 2 " 67 1/2 " }  
 1 Stream anchor 13 1/2 " }  
 1 Keel 9 " }  
 300 Tackles 2 1/2 " and Chain Cable (Weight 844 cwt.)  
 120 " 5 " Shackle  
 130 " 15 " Knap  
 2 of 100 " 8 " Hawser and Nipper.  
 2 of 100 " 8 "

Alternate proposal for the sake of getting three single ended Boilers into one row at workshop.



## Spacing of frames 26 inches.

Frames 6 1/2" x 3 1/2" x 10" for 1/3 length amidship, ends 20"  
 Reversed frames 4 1/2" x 4" x 10" for and aft; all to upper D. for 1/2 L. amidship  
 Bulkhead 8" between two frames, and double angle  
 4 1/2" x 4" at tank top. Horizontal stiffeners 11" x 3 1/4" x 3/16" x 13" channels in line with side stringer  
 bracketed at ship sides. Vertical " 6 1/2" x 3 1/2" x 1/2" brackets  
 at tank top 30" apart and three Webs where over 55"

## Forgings:

Stem bar 12" x 3 1/2"  
 Stern frame 12 1/2" x 7 1/2"  
 Rudder head 10 1/2"  
 " keel 8 1/2" x 5 1/2"  
 Diam of pintles 5 1/4"

Web frames in Eng. b Boiler  
 space 15" x 10" from double  
 bottom to upper Deck, spaced  
 6' 6"; in line of Web frames  
 24" x 10" spaced 8' 3" apart.

Diamond plate 30" x 24" x 10"  
 angles 3 1/2" x 3 1/2" x 10"  
 Intercostal plate 18" x 10"  
 plate 10" x 10"

Margin plate  
 40" x 10"  
 butts double riveted.

Bottom will be strengthened forward  
 as per Cir. No 12

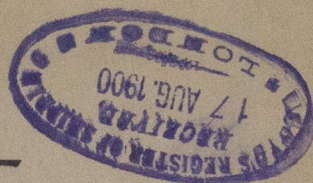
Approved by Lloyd's Register  
 November 1899.



*S. S. Austria*  
*Trieste Report*  
*N. 652.*

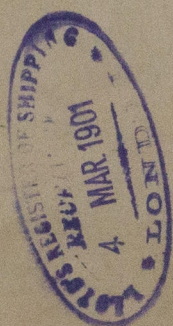


*Midship Section*



*Yard N. 62*  
*Austrian Lloyd's Arsenal.*

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