

S. S. N<sup>o</sup> 505.

LENGTH B.P. 383-6  
BREADTH EXT. 52-0  
" MLD. 51-8  
DEPTH " 29-6

DEPTH TO LENGTH, UPPER OK. = 13.00.  
" " " BRIDGE " = 10.36.

BRIDGE STR.  $3\frac{1}{2} \times 5\frac{1}{4}$  TREBLE RIV. BUTTS.  
POOP & FOLE.  $3\frac{1}{4} \times 3\frac{1}{4}$  DOUBLE " "  
( $4\frac{1}{2} \times 4\frac{1}{2} \times 5\frac{1}{2}$  = BRIDGE.  $3\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{4}$  = P. & F.

POOP DECK " 25" STEEL, SHEATHED WITH WOOD, '30 IRON WHERE EXPOSED.  
BRIDGE " '38 " UNDER DECKHOUSES, '42 IRON WHERE EXPOSED.  
FORECASTLE " '30 IRON.

NUMERALS:-

BREADTH	57.66
DEPTH	<u>29.50</u>
	81.16 = FRAME N <sup>o</sup>
LENGTH	<u>383.5</u>
	31124.86 = LONG. N <sup>o</sup> .

EQUIPMENT NUMERALS:-  
B + G + L = 31124.86  
POOP 35.25  
BRIDGE 225.33  
FCE 40.58  
301-16 7.5.75 1694.02  
CRSING 62-16 7.5 217.56  
SALOON 26-0 7.5.5 97.50  
EQUIPMENT N° = 33133.94

EQUIPMENT AS PER RULES.

BRIDGE SIDES 46" x .66,  
QUAD. RIV. OVERLAP BUTTS.

POOP SIDES .38  
FORECLE. SIDES .40  
DOUBLE RIV. OVERLAP BUTTS.

BRIDGE SIDES 46" x 62"  
QUAD. RIV. OVERLAP BUTTS.  
POOP '38, FORECLE. '40  
DOUBLE RIV. OVERLAP BUTTS.

STR. ANGLES IN SHORT WELLS, FROM WITHIN BDGE:-  
 $5 \times 5 \times .60$  TO  $4 \times 4 \times .50$ .

SHEERSTAKE 30 WIDE  
THICKNESSES FROM WITHIN BRIDGE  
AS PER TOPSIDE SHELL PLAN TO '44 AT ENDS.  
RIVETTING AS PER TABLE 21.  
'64 IN WAY OF BRIDGE, TREBLE RIV. BUTTS.

DOUBLING FOR ABOUT 20-0 AT ENDS OF BRIDGE.

BEAM = 48.0, BEAMS AS PER PROFILE.

WEBS OVER BULKHEADS .34  
WITH 3" FLANGE ON FACE.

6 x 3 1/2 x 40 ANGLE FRAMES.  
LAPPED & RIVETTED TO MAIN FRAMES.

- 12" CHANNEL FRAMES TO BRIDGE DK. ON DEEPHATCH ENDS.  
UPPER DK. STR. = 57" WIDE. THICKNESSES IN WELLS AS PER DK. PLAN,  
'48 UNDER BRIDGE, 34" x '42 AT ENDS OF VESSEL.  
STR. ANGLES UNDER ERECTIONS 33° 32' 46 TO '42.

39 BEAM = 50-0, BEAMS AS PER PROFILE.  
Ryle KNEES 39' x 54' BETWEEN PERKS.

FRAMES:-  
SPACED 26" APART BETWEEN PEAKS.

CHANNELS 12 x 3 1/2 x 3 1/2 x .56 ~~64~~ 12 x 4 x .56  
64 ← with beam knee  
ANGLE FRAMES IN BRIDGE 6 x 3 1/2 x 40, LAPPED &  
RIVETTED TO MAIN FRAMES AS SHOWN.

PEAK FRAMES 24" APART  
ANGLE  $6 \times 3\frac{1}{2} \times 38$   
REVERSE  $3 \times 3\frac{1}{2} \times 38$  } 6" GIRDER.  
OR BULB ANGLES  $7 \times 3\frac{1}{2} \times 44$ .

FORGINGS:-

RUDDER POST	9 x 7 1/2
PROPELLER POST	10 x 7 1/2
STEM	10 x 22 3/4

RUDDER:-  
 $A \times D = \text{UNDER } 445$ ,  
 SPEED =  $9\frac{1}{2}$  KNOTS,  
 RUDDER HEAD 9" DIA.  
 PLAN WILL BE SUBMITTED.

TANK MARGIN PLATE 37" x 46, 56 IN. B.S.  
BREADTH REDUCED AT AFTER END AS PER RULE.  
BUTTS OVERLAPPED & TREBLE RIV.  $\frac{1}{2}$  LTH., DOUBLE AT ENDS.

BRACKETS OUTSIDE TANK '40 TO '36, '30 IRON IN B.S.  
B.O.T. CONNECTIONS TO MARGIN PLATE 6' 6" X 46" TO '44  
'50 IN B.S.S. 14 RIVETS IN EACH FLANGE, 12 AT AFTER END  
WHERE MARGIN PLATE UNDER 35."

VERTICAL  
 $32 \times 32$  TO  $40$  TO  $38$  ANGLES ON W.T. FLOORS MIDWAY  
 BETWEEN GIRDERS, WHERE GIRDERS ARE MORE THAN 6'-0" APART.

TANK WELD ON EVERY FRAME;  
 .40 TO .36, .50 IN B.S.  
 INTER. RIGIDERS .38 TO .36, .48 IN B.S.  
 TANK TOP IN HOLD .44 TO .38 IRON.  
 " " ENG. SPACE .52 IRON.  
 " " "BOILER" .56 "  
 TANK TOP BUTTS OVERLAPPED & DOUBLE RIV.  
 FOR 1/2 LTH. SINGLE AT ENDS.  
 DOUBLE REVERSE IN ENGINE SPACE  
 & UNDER BOILER BEARERS.  
 WOOD CEILING 2 1/2 THICK.

TANK TOP CENTRE STRAKE  
42" x .55 TO .44 IRON, OR 72" x .50 TO .42 IRON, .56 IRON IN B.S.  
BUTTS OVERLAPPED & TREBLE RIV.  $\frac{1}{2}$  LTH.  
DOUBLE AT ENDS.

CENTRE KEEL SON 42" x 50 TO 40.60 IN B.S.  
TREBLE RIV. OVERLAP BUTTS.

SINGLE C.K. TOP BAR  $4\frac{1}{2} \times 4\frac{1}{2} \times 60$  TO '56, '60 IN B.S.  
DOUBLE  $3\frac{1}{2} \times 3\frac{1}{2} \times 50$  IN F.S.

C.K. VERTICAL ANGLES  $6 \times 6 \times 46$  SINGLE  $\frac{1}{2}$  IN. 30 IN. S.  
11 RIVETS IN EACH FLANGE.  
 $3\frac{1}{2} \times 3\frac{1}{2} \times 40$  AT ENDS, 7 RIVETS IN EACH FLANGE.

C.K. BOTTOM ANGLES, DOUBLE  $4\frac{1}{2} \times 4\frac{1}{2} \times .60$  TO  $.56$ .

SILGE KEEL:-  
T. BAR 6 x 4 x .50  
BULB 9 x .44.

TANK MARGIN BAR  $3\frac{1}{2} \times 3\frac{1}{2} \times .46$ .

BOTTOM SHELL .62 TO .46, & REDUCED WITHIN RANGE OF DOUBLE BOTTOM,  
AS PER SECTION 10, PARA. 16.  
QUAD. RIV. OVERLAP BUTTS WHERE PLATING ABOVE .60  
TREBLE " " " " " " .60 & UNDER.

MIDSHIP THICKNESSES TO BE MAINTAINED FORWARD TO  
COLLISION BULKHEAD.

$\frac{1}{8}$  RIVETS IN BUTTS       $\frac{1}{8}$  RIVETS IN BUTTS  
 $\frac{1}{8}$  RIVETS - SEAMS       $\frac{1}{8}$  SEAMS  
 FLAT PLATE KEEL 47' 98" FOR  $\frac{3}{4}$  LTH. TO 70' TENDS.  
 BUTTS OVERLAPPED & QUAD. RIV. FOR  $\frac{3}{4}$  LTH.  
 TREBLE AT ENDS WHERE PLATING .76 & UNDER.

Amn.

LLOYD'S REGISTER OF  
22.7.13  
SUNDERLAND  
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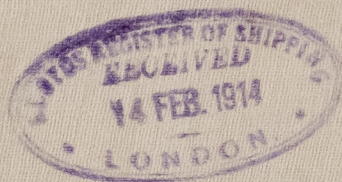
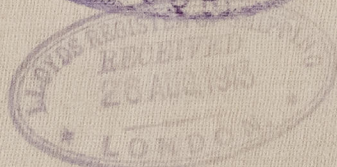
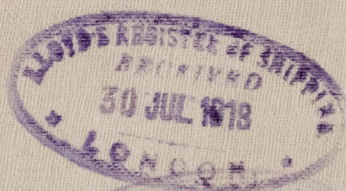
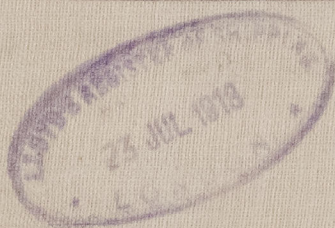
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