

# S. S. No 516.

SCALE  $\frac{1}{2}$  = 1 FOOT.

LENGTH B.P. 351-9  
BREADTH EXT. 50-11  
" MLD. 50-7  
DEPTH MLD. 28-5

DEPTHS TO LENGTH BRIDGE DK. 9-93  
" " " UPPER DK. 12-38

BREADTH MLD. = 50-62  
DEPTH " = 28-41  
79-03 = FRAME NO.  
LENGTH = 357-75  
27798-8 = LONGIT. NO.

EQUIPMENT NUMERALS:-  
B + D x L = 27798-80  
POOP 23-00  
BRIDGE 95-62  
FORECASTLE 35-75  
154-37-7-75 810-44  
SALOON 21-25-7-5-5 79-68  
CASING ETC. 12-83-7-5 184-90  
EQUIPMENT NO. = 28873-82

BRIDGE STRINGER 49 x 50 TREBLE RIV. OVERLAP BUTTS.  
POOP & FCLE. 33 x 34 DOUBLE RIV. OVERLAP BUTTS.  
BRIDGE STR. ANGLE 4 1/2 x 4 1/2 x 56.  
POOP & FCLE. " 3 1/2 x 3 1/2 x 34.

HATCHES 18-0 WIDE.

BRIDGE SIDES = 80 x 60  
QUAD. RIV. OVERLAP BUTTS.

POOP SIDES 36, FCLE. 40  
DOUBLE RIV. OVERLAP BUTTS.

SINGLE CHANNEL PILLARS IN POOP & BRIDGE  
7 x 3 1/2 x 3 1/2 x 44  
REFLED FOR SHIFTING BOARDS.

UPPER DK. SHEER STRAKE 60 WIDE.  
38 x 02-60 IN WAY OF BRIDGE, TREBLE RIV. OVERLAP BUTTS.

82 FROM WITHIN BRIDGE TO 1/2 LTH.  
TO 44 AT ENDS.  
RIVETTING AS PER TABLE 21.  
DOUBLING FOR ABOUT 20-0  
AT ENDS OF BRIDGE.

STRAKE BELOW SHEER STRAKE 69 WIDE  
IN WAY OF BRIDGE = 58 x 02 = 60.  
64 FROM WITHIN BRIDGE TO 1/2 LTH.  
TO 44 AT ENDS.  
RIVETTING AS PER TABLE 21.

58 x 04 = 62 FOR 1/2 LTH.  
TO 48, 44 IN PEAKS.  
TREBLE RIV. OVERLAP BUTTS.

58 x 04 = 62 FOR 1/2 LTH.  
TO 48, 44 IN PEAKS.  
TREBLE RIV. OVERLAP BUTTS.

58 x 04 = 62 FOR 1/2 LTH.  
TO 48, 44 IN PEAKS.  
TREBLE RIV. OVERLAP BUTTS.

BOSS PLATING 70  
QUAD. RIV. OVERLAP BUTTS.

BILGE KEEL BULB 9 x 44.  
T. BAR 6 x 4 x 44.

TANK MARGIN BAR  
3 1/2 x 3 1/2 x 44.

SHELL PLATING WITHIN RANGE OF  
DOUBLE BOTTOM, TO BE REDUCED  
AS PER SECTION 16, PARA. 16.

BOTTOM SHELL = 60 TO 46 TO UPPER TURN OF BILGE  
TREBLE RIV. OVERLAP BUTTS.

MIDSHIP THICKNESSES TO BE MAINTAINED  
FORWARD TO COLLISION BULKHEAD.

STEEL OF  
BRIDGE DK. 38 = (IRON THICKNESS) WHERE EXPOSED.  
" " 34 = STEEL WHERE NOT EXPOSED.  
POOP " 30, FORECASTLE 26 SHEATHED WITH WOOD.

UPPER DECK 44 TO 36 (IRON THICKNESS) IN WELLS.  
34 UNDER BRIDGE, 32 UNDER POOP & FCLE.  
INCREASED IN WAY OF OPENINGS AS PER DECK PLAN.

NOTE: JOGGING UNDER  
ERECTIONS ONLY.

HATCHES 18-0 WIDE.

6 x 3 1/2 x 40 LUGS, 2 RIVETS.

6 x 3 1/2 x 40 LUGS.

FORGINGS:-  
RUDDER POST 9-7  
PROPELLER POST 10-7  
STEM 10-2 3/8

RUDDER:-  
A x D = UNDER 390.  
SPEED NOT EXCEEDING 10 KNOTS.  
RUDDER HEAD 8 1/2 DIA.  
PLAN WILL BE SUBMITTED.

FRAMES:-  
SPACED 25 1/2 APART BETWEEN PEAKS.  
12 x 3 1/2 x 3 1/2 x 52 CHANNELS, TO EXTEND TO  
UPPER & BRIDGE DECKS ALTERNATELY,  
INTERMEDIATE STIFFERS IN BRIDGE 3 1/2 x 3 1/2 x 40

FRAMES IN PEAKS 24 APART  
ANGLE FRAME 6 x 3 1/2 x 36 } 6 GIRDER  
REVERSE " 3 x 3 1/2 x 36 }  
and BULB ANGLE 7 x 3 1/2 x 42

DOUBLE CHANNEL HOLD PILLARS:-  
REFLED FOR SHIFTING BOARDS.  
84 TO 16 1/2 7 x 3 1/2 x 3 1/2 x 44, EQUIV. TO 4 DIA.  
16 " 18 " " " 46 " 4 1/2  
18 " 20 " " " 48 " 4 1/2

24 TO 26 FT 9 x 3 1/2 x 3 1/2 x 48, EQUIV. TO 5 1/2 DIA.  
26 " 28 " " " 50 " 5 1/2  
28 " 30 " " " 52 " 5 1/2  
30 " 32 " " " 56 " 6

PILLARS AT ENDS OF LARGE HATCHWAYS

DETAILS OF HATCH CONNECTION  
AS PER PROFILE.  
FOR 25-6 HATCHES  
14-87 x 49-5 x 5 = 18-40  
100 x 2  
FOR 37-7 1/2 HATCHES  
16-74 x 49-5 x 5 = 19-71  
100 x 2  
FACE PLATES  
16 TO 18 FT. 8 x 4 x 4 x 62 I 10 x 40  
18-20 " 9 x 4 x 4 x 62 I 10 x 40  
20-22 " 9 x 4 x 4 x 62 I 10 x 40  
22-24 " 9 x 4 x 4 x 62 I 10 x 40  
24-26 " 9 x 4 x 4 x 62 I 10 x 40  
26-28 " 9 x 4 x 4 x 62 I 10 x 40  
28-30 " 10 x 4 x 4 x 62 I 11 x 42

TANK TOP CENTRE STRAKE:-  
41-48-72 x 44 TO 38, 54 IN B.S.  
BUTTS OVERLAPPED & TREBLE RIV. 1/2 LTH. DOUBLE AT ENDS.

CENTRE KEELSON 41 x 50 TO 40, 60 IN B.S.  
TREBLE RIV. OVERLAP BUTTS.

C.K. SINGLE TOP BAR 42 x 42 x 58 TO 54, 58 IN B.S.  
DOUBLE 3 1/2 x 3 1/2 x 48 IN ENG. S.P. 46 FORM 5 OF 1/2 LTH.

C.K. BOTTOM BARS = 42 x 42 x 58 TO 54.

C.K. VERTICALS 6 x 6 x 44 SINGLE 1/2 LTH. 48 IN B.S.  
3 1/2 x 3 1/2 x 38 " AT ENDS, WITH 7  
RIVETS 7/8 DIA. OR 8 RIVETS 3/4 DIA. IN EACH FLANGE.

FLAT PLATE KEEL 46 x 92 FOR 3 1/2 LTH.  
66 AT ENDS.

BUTTS OVERLAPPED & QUAD. RIVETTED 1/2 LTH.  
TREBLE AT ENDS WHERE NOT EXCEEDING 76.

THESE WORKS HAVE BEEN DECLARED  
BY H.M. GOVERNMENT A CONTROLLED  
ESTABLISHMENT.



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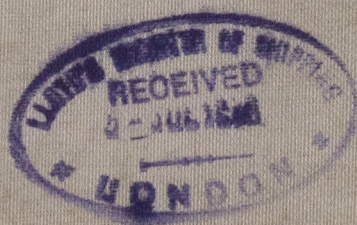
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Amended & Section

Amended  
Midship Section

No. 516

J.L. Thompson  
Sons



Yentersden

SUNDERLAND RPT. No. 27087

"GRO"



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