

S. S. N° 500.

PRINCIPAL DIMENSIONS:-

LENGTH B.P. 388 - 5 ✓
BREADTH EXT. 54 - 2 ✓
MLD 53 - 2 ✓
DEPTH MLD 28 - 6 1/2 ✓

DEPTHS TO LENGTH = 10.62 ✓

NUMERALS:-

BREADTH MLD 53.83 ✓
DEPTH 28.54 ✓
82.57 FRAME N°
388.41 ✓
31993.33 LONGIT. N°

EQUIPMENT NUMERALS:-

B + D + L = 31993.33 ✓
SHELTER DK ERECTION
388.41 x 8 x 75 = 2330.46 ✓
CASING 66.83 x 7.75 x 5 = 258.96 ✓
SALOON 26 x 7.75 x 5 = 100.75 ✓
EQUIPMENT N° 34683.50 ✓

SHEER STRAKE 47.68 x 44 ✓
BUTTS OVERLAPPED 1/2 QUAD RIV. 1/2 LTH. ✓
TREBLE AT ENDS. ✓

STRAKE BELOW SHEER STRAKE 62 to 44 ✓
BUTTS OVERLAPPED 1/2 QUAD RIV. 1/2 LTH. ✓
TREBLE AT ENDS. ✓

STRINGER PLATE 34 x 54 to 35 x 44 ✓
ANGLES 3 x 5/2 x 58 FOR 1/2 LTH. ✓
TO 3 1/2 x 3 1/2 x 42 AT ENDS. ✓

IRON DECK 42 TO 38 WHERE EXPOSED ✓
STEEL 38 UNDER OR HOUSES 34 UNDER SHEATHING AT FORE END ✓

UNDER 50.0 ✓
BEAM KNEES 21 x 42 ✓

BEAMS AS PER PROFILE

6 x 4 x 40 LUGS ✓
6 x 3 x 66 ANGLE ✓
2 RIVET CONNECTION ✓

POOP CENTRE PILLARS 7 x 3 1/2 x 3 1/2 x 44 ✓
SINGLE CHANNELS 4.0 APART REELED ✓
SHELTER TWIN DK PILLARS 7 x 3 1/2 x 3 1/2 x 44 ✓
SINGLE CHANNELS 4.4 APART REELED ✓
2 PILLARS 38 THICK AT DEEP HATCH ENDS, OR
SINGLE PILLAR 50 THICK IN CONNECTION
WITH HOLD LADDER STANCHIONS. ✓

ALTERNATE DEEP CHANNEL FRAMES
TO SHELTER DK.
FRAMES ON MAIN HATCH ENDS ✓
TO EXTEND TO SHELTER DK.
INTERMEDIATE STIFFENERS 3 1/2 x 3 1/2 x 40 ✓

UPPER DK STRINGER { RULE = 47.46 ✓
TREBLE RIV. OVERLAP BUTTS ✓
STRINGER ANGLES 3 1/2 x 3 1/2 x 46 TO 42 ✓

UPPER DK BEAMS COVERED WITH STEEL PLATING
34 TO 30, SINGLE RIV. OVERLAP BUTTS.

UNDER 52.0 ✓

BEAMS AS PER PROFILE

BEAM KNEES BETWEEN PEAKS
36 x 36 x 52 ✓
9 RIVETS TO FRAME ✓

FRAMES 26 APART BETWEEN PEAKS ✓
CHANNEL FRAMES 12 x 3 1/2 x 3 1/2 x 56 ✓
TO UPPER DK WHERE UPPER DK BEAM ✓
SHELTER NO ✓
ON MAIN HATCH ENDS ✓
INTERMEDIATE STIFF IN SHELTER TWEEN DKS. ✓
3 1/2 x 3 1/2 x 40 ✓

PEAK FRAMES 24 APART ✓
ANGLE 6 x 3 1/2 x 38 ✓
REVERSE 3 x 3 1/2 x 38 ✓
OR BULB ANGLES 7 x 3 1/2 x 44 ✓

SIDE STRINGERS:-
PLATE 42 ✓
FACE BAR 6 1/2 x 3 1/2 x 50 ✓
SHELL LUGS 3 1/2 x 3 1/2 x 42 ✓

TANK MARGIN PLATE:-
36 x 48. 58 IN BOILER SPACE ✓
BUTTS OVERLAPPED 1/2 TREBLE RIV. 1/2 LTH DOUBLE AT ENDS ✓
BRACKETS OUTSIDE TANK 40 TO 36 ✓
50 IRON IN BOILER SPACE ✓
B.O.T. CONNECTIONS TO MARGIN PLATE ✓
6 x 6 x 46 TO 44, IN HOLDS, SINGLE 50 B.S. 46 E.S. ✓
14 RIVETS IN EACH FLANGE WHERE MARGIN PLATE ABOVE 35 ✓
12 AT AFTER END 35 & UNDER. ✓

ON W.T. FLOORS (VERTICAL ANGLES 3 1/2 x 3 1/2 x 40. 44 ✓
50 IN BOILER SPACE MIDWAY BETWEEN GIRDERS WHERE GIRDERS
ARE MORE THAN 6.0' APART, ON W.T. FLOORS. ✓

FORGINGS:-
PROPELLER FRAME 10 1/2 x 7 1/2 ✓
RUDDER POST 9 x 7 1/2 ✓
STEM 10 1/2 x 2 1/4 ✓

RUDDER:- 3 1/2 DIA. HEAD as per Rule ✓
PLAN WILL BE SUBMITTED. ✓

EQUIPMENT AS PER RULE. ✓

TANK WEBS ON EVERY FRAME UNDER ENGINES ✓
& IN FORE HOLD, ON EVERY 3RD FRAME ✓
FOR REMAINDER OF LENGTH AS SHOWN ON PROFILE ✓
40 TO 36 50 IRON IN B.S. 44 IRON IN E.S. ✓
INTERC. GIRDERS 40 TO 36 IN HOLDS. ✓
50 IRON IN B.S. 44 IRON IN E.S. ✓
TANK TOP IN HOLDS 44 TO 40 ✓
E.S. 52 IRON ✓
B.S. 56 ✓
BUTTS OVERLAPPED 1/2 DOUBLE RIV. 1/2 LTH ✓
SINGLE AT ENDS. ✓
DOUBLE REVERSE IN ENGINE SPACE ✓
AND UNDER BOILER BEARERS ✓
WOOD CEILING 2 1/2 THICK. ✓

HOLD PILLARS:- DOUBLE CHANNELS
4.4 APART, REELED FOR SHIFTING BOARDS. ✓
14 TO 16 FT. 7 x 3 1/2 x 3 1/2 x 46 ✓
16 TO 18 " " " " 48 ✓
18 " 20 " " " 50 ✓

24 TO 26 FT. 9 x 3 1/2 x 3 1/2 x 50 ✓
26 " 28 " " " 52 ✓
28 " 30 " " " 56 ✓
30 " 32 " " " 58 ✓

OR SECTIONS OF EQUIVALENT STRENGTH
RIVETING OF PILLARS AS PER RULES ✓
PILLARS AT DEEP HATCH END BEAMS ✓
TO BE INCREASED .04 ALSO TO BE FITTED
WITH FACE PLATES SAME THICKNESS AS
CHANNELS & BRACKETED AT HEAD & HEEL ✓
OR
2 PILLARS .04 LESS THAN THICKNESSES
TABULATED ABOVE ✓

TANK TOP CENTRE STRAKE:-
66 x 52 TO 44 ✓ 56 IRON IN B.S. 54 IRON IN ENG. SPACE. ✓

BUTTS OVERLAPPED 1/2 TREBLE RIV. FOR 1/2 LTH. ✓
DOUBLE AT ENDS. ✓

CENTRE KEELSON:-
45 x 50 TO 40, 60 IN B.S. ✓
TREBLE RIV. OVERLAP BUTTS. ✓

C.K. SINGLE TOP BAR 4 1/2 x 4 1/2 x 60 TO 54 IN HOLDS 60 IN B.S. ✓
DOUBLE ANGLES 3 1/2 x 3 1/2 x 54 IN E.S. ✓

C.K. VERTICAL ANGLES 6 x 6 x 46 SINGLE 1/2 LTH 50 B.S. 46 E.S. ✓
3 1/2 x 3 1/2 x 38 SINGLE AT ENDS ✓
ON SOLID FLOORS.

C.K. BOTTOM ANGLES 4 1/2 x 4 1/2 x 60 TO 54 ✓

FLAT PLATE KEEL 47 x 38 (1/8 RIVETING) 3 1/2 LTH. ✓
70 AT ENDS. ✓

BUTTS OVERLAPPED 1/2 QUAD RIVETTED FOR 1/2 LTH. ✓
TREBLE AT ENDS WHERE PLATING UNDER 76 ✓

BOSS PLATING 72 ✓
QUAD. RIV. OVERLAP BUTTS. ✓

BULGE KEELS:-
T BAR 6 x 4 x 44 ✓
BULB PLATE 9 x 44 ✓

TANK MARGIN BAR 4 x 4 x 48

BOTTOM SHELL 62 TO 46 ✓
QUAD RIV. OVERLAP BUTTS WHERE PLATING ABOVE 60 ✓
TREBLE 50 & UNDER ✓

SINGLE RIV. SEAMS

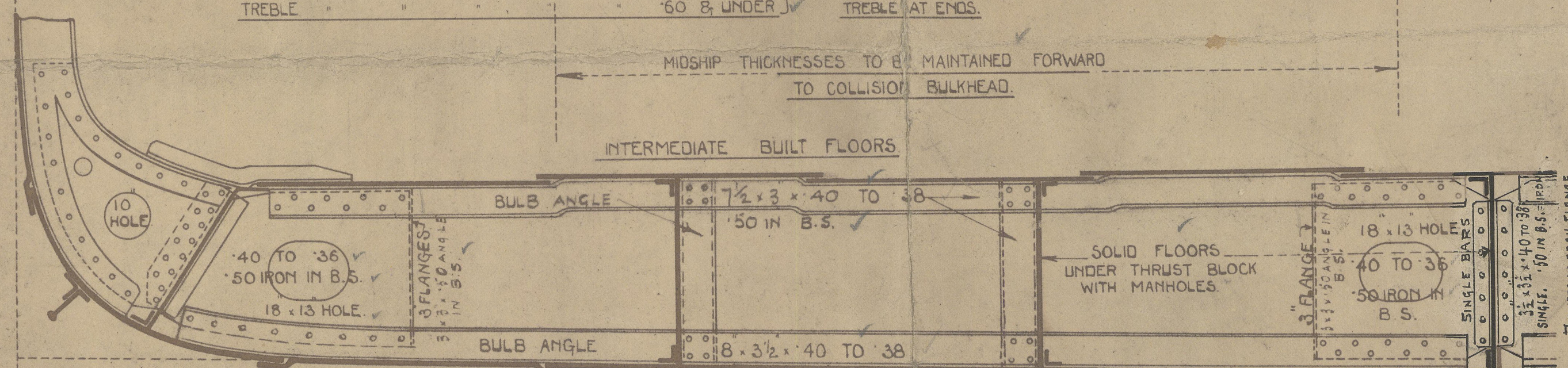
DOUBLE RIV. SEAM

THIS STRAKE 67 x 62 TO 46

SHELL PLATING WITHIN RANGE OF DOUBLE BOTTOM
TO BE REDUCED .02 WHEN PLATING 52 ✓
AND .04 54 ✓
& NOT MORE THAN .64 ✓
ONLY WHERE FLOORS ARE FITTED TO EVERY FRAME. ✓

MIDSHIP THICKNESSES TO BE MAINTAINED FORWARD
TO COLLISION BULKHEAD.

INTERMEDIATE BUILT FLOORS



NOTE:- SOLID FLOORS ON EVERY 3RD FRAME, EVERY FRAME UNDER ENGINES ✓
& IN FORE HOLD, AS SHOWN ON PROFILE. ✓

3-12-12

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50.0.
23-11-12

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SUNDERLAND.

Messrs J. L. THOMPSON & Sons Ltd

MIDSHIP SECTION

No. 500

S.S. "DEN OF EWNIE"

SLO. REPORT No 25918

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