

SHELTER DECK SHEERSTRAKE
60 TO 42
BUTTS QUAD RIVETED FOR 1/2 L.
TREBLE AT ENDS

K. OUT.
60" x 56 TO 42
INCREASED TO 58 TO 44 IN
LIEU OF STRINGERS
BUTTS TREBLE RIV.

J. IN
70" x 56 TO 42
INCREASED TO 58 TO 44
IN LIEU OF STRINGERS
BUTTS QUADRUPLER TO TREBLE RIV.

H. OUT.
60" x 56 TO 42
INCREASED TO 58 TO 44
IN LIEU OF STRINGERS
BUTTS TREBLE RIV.

G. IN
70" x 56 TO 42
INCREASED TO 58 TO 44
IN LIEU OF STRINGERS
BUTTS QUADRUPLER TO TREBLE RIV.

F. OUT.
60" x 58 TO 44
BUTTS TREBLE
THROUGHOUT

O.T. KNEES 36 TO 34
46 IN B.S.
FLANGED ON TOP EDGE
14 RIVETS IN O.T.K. TO FRAME

BOTTOM STRENGTHENED FORWARD
AS PER RULE

STRINGER PLATE 52" x 32 TO 32" x 40
ANGLE 4 1/2" x 4 1/2" x 54 TO 3 1/2" x 34" x 40 AT ENDS
DECK PLATING 32 TO 30 AT ENDS

INCREASED AS PER
DECK PLAN.

UNDER 44'-0"

SHELTER DECK BEAMS 7 1/2" x 3" x 42 B.A. 1 ROW OF PILLARS
ON EVERY FRAME
HATCH ENDS 12" x 4" x 60 CHAN. WITH REV. BAR 4" x 4" x 60 FROM COAMING TO SHIPS SIDE AT 24'-6" HATCHES
12" x 4" x 60 " " " " 8" x 3 1/2" x 60 B.A.
END BEAMS REDUCED AS PER PROFILE

INTERMEDIATE FRAMES 3 1/2" x 3 1/2" x 40

SHELTER DECK 7'-4 1/2" HIGH.

STRINGER PLT 50" x 44 TO 32" x 40
BARS 3 1/2" x 3 1/2" x 44 TO 40

DECK PLATING AS PER DECK PLAN

UNDER 46'-0"

BEAMS 8" x 3" x 44 B.A. EVERY FRAME 1 ROW OF PILLARS
1/2" x 6 1/2" x 3" x 40 " " " " ON EVERY FRAME
END BEAMS REDUCED AS PER RULE
HATCH END BEAMS 12" x 3 1/2" x 3 1/2" x 60 CHAN. WITH REV. BAR 4" x 4" x 60 FOR 24'-6" HATCHES
12" x 3 1/2" x 3 1/2" x 60 " " " " 4" x 4" x 60 " " " " SEE PROFILE

BEAMS 9 1/2" x 3 1/2" x 56 B.A. EVERY 2ND FRAME 1 ROW OF PILLARS KNEES 24" x 50
1/2" x 8 1/2" x 3" x 48 B.A.
HATCH END BEAMS AS ABOVE
DECK SEAMS & BUTTS SINGLE RIVETED
WITH DECK PLATING 34 TO 30.
SEE PROFILE.
INCREASED AT OPENINGS

FRAMES 9 1/2" x 3 1/2" x 52 B.A. SPACED 24 1/2" APART
PEAK FRAMES 6 1/2" x 3 1/2" x 40 B.A. " 24 " " "
STEM 9 1/2" x 2 1/2" " "
STERN FRAME 9 1/2" x 6 1/2" P.P. 8 1/2" x 6 1/2" R.P.

MARGIN PLT 42
52 IN B.S.

GUSSET ANGLES 3 1/2" x 3 1/2" x 44 EVERY 3RD FRAME

O.T.K. TO MARGIN LUGS SINGLE 6" x 6" x 40 46 IN B.S.
FROM COLLISION BHEAD TO AFT END OF ENG. RM.
12 1/8 RIVETS IN EACH FLANGE
SINGLE ANGLES 3 1/2" x 3 1/2" x 36 AFT OF ENG. RM. BHD
7 1/8 RIVETS IN EACH FLANGE REDUCED AT AFTER END.
AS PER TABLE 9

FLOORS TO MARGIN LUGS SINGLE 3 1/2" x 3 1/2" x 36 46 IN B.S.
7 1/8 RIVETS TO MARGIN, 8 3/4 RIVETS TO FLOOR, ENDS AS
PER RULE.

TANK TOP 42 TO 38
" " 46 ENG. SP.
" " 54 BLR. SP.

TANK TOP CENTRE 40 TO 38 OR 75 x 42 TO 36
54 IN B.S. 70 x 44

TANK SCANTLINGS INCREASED IN BOILER SPACE AS PER RULE.

CEILING FITTED.

5" x 5" (6 UNDER)

DOUBLE

FLOORS 36 TO 34

SIDE GIRDPERS 36 TO 34

24" x 18"

24" x 18"

C.K. 40" x 48 TO 38
58 IN B.S.
SINGLE TOP BAR 4" x 4" x 58 TO 54 IN LIEU OF
DOUBLE ANGLES 3 1/2" x 3 1/2" x 48
C.K. VERTICALS 6" x 6" x 42 52 IN B.S.
10 1/8 RIVETS TO C.K. 12 3/4 TO FLOORS
BOTTOM BARS 4" x 4" x 58 TO 54

E. IN
65" x 58 TO 44
BUTTS QUADRUPLER TO TREBLE

D. OUT
70" x 58 TO 44
BUTTS TREBLE RIV.
QUAD. TO TREBLE

C. IN
60" x 58 TO 44
BUTTS QUADRUPLER TO TREBLE

B. OUT & IN
70" x 58 TO 44
BUTTS TREBLE RIVETED
QUAD. TO TREBLE

6 1/2" SEAM 1 1/8" RIVETS.
KEEL 45" x 90 FOR 3/8 L & TO 64 AT ENDS
BUTTS OVERLAPPED & QUADRUPLER RIVETED
1 1/8" RIVETS 16" OVERLAPS
TREBLE AT ENDS WHERE 76 & UNDER

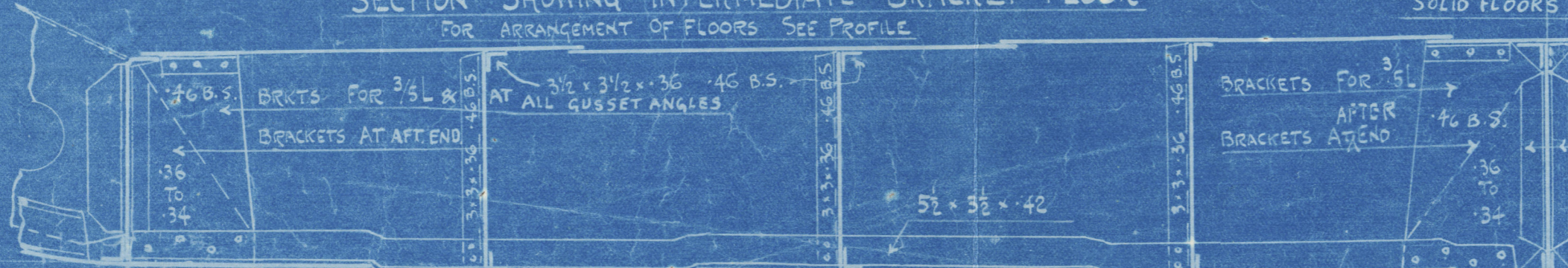
laps
CORRECT SHELL BUTTS
SHOWN IN RED.

B, C & D STRAKES TO HAVE X THICKNESS MAINTAINED TO COLLISION BULKHEAD.

NOTE: - WHERE SOLID FLOORS EVERY FRAME BOTTOM PLATING IN WAY OF DOUBLE BOTTOM REDUCED .04 IN THICKNESS, WHERE THE PLATING IS .54 & ABOVE, SEC. 16, PARA 16

SECTION SHOWING INTERMEDIATE BRACKET FLOOR
FOR ARRANGEMENT OF FLOORS SEE PROFILE.

SOLID FLOORS TO BE FITTED ON EVERY FRAME IN ENG. ROOM &
UNDER BOILER BEARERS AND FORWARD OF 1/3 LENGTH.



NO REDUCTION IN SHELL BOTTOM WHERE OPEN CONSTRUCTION

MIDSHIP SECTION S.S. 228

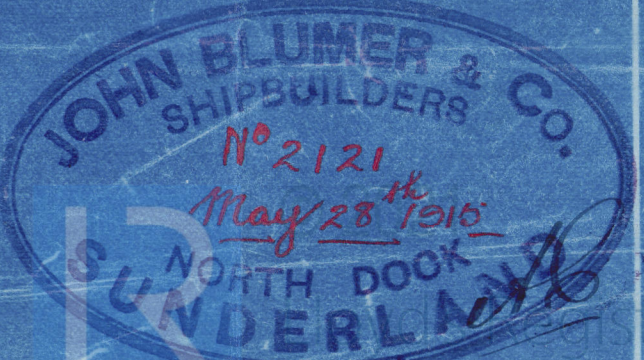
LLOYDS 100 A.I. SHELTER DECK TYPE

LENGTH B.P. 340'-0"
BREADTH EXT. 47'-9"
DEPTH MLD 23'-6 1/2"
SCALE 1/2" = 1 FOOT.

NUMERALS.	
BREADTH MLD	47.42
DEPTH	23.54
(B+D)	70.96
LENGTH	339.50
L(B+D)	24091
L/D FOR SHELTER DECK	10.98
d	20.4 1/2

EQUIPMENT.	
L(B+D)	24091
SHELTER DECK	1877
HOUSES	292
	26260

2 BOWER STOCKLESS	48 3/4 CWT.
1 " "	4 1/2 "
1 STREAM (EX STOCK)	13 "
1 KEDGE " "	5 3/4 "
270 FMS. OF 2" STUO CHAIN CABLE	
90 " " 1 1/8" STREAM CHAIN OR 4 1/2" WIRE	
120 " " 12 TOWLINE OR 4" WIRE	
2 @ 90 FMS 7" HAWERS.	
2 @ 90 FMS 7" WARPS.	



W756 - 0025

Midship Section as built

S/s. "Spennymoor"

No. 228

J. Blumer & Co

SUNDERLAND RPT. NO. 26459

RETAIN



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Lloyd's Register
Foundation

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