

S. S. SHAHZADA

S.S. N^o 1013

MIDSHIP SECTION.

S.S. N^o 1004

SCALE 1/2" = 1'-0"

DIMENSIONS.

904'-0" B.P. ON L.W.L. X 54'-0" EXT X 52'-9" M.P. X 31'-3" M.P. TO UPPER DECK
TO CLASS 100 A.1 AT LLOYDS SPECIAL SURVEY

NUMERALS.			
1 st LONGITUDINAL NUMBER	L X D	= 904 x 31.25	= 12625
2 nd " "	L x (B+D)	= 904 x (53.75 + 31.25)	= 34240
PROPORTION 7/8 TO UPPER DECK		= 904 x 31.25	= 12 93
7/8 TO BRIDGE		= 904 x 39.0	= 10 36
MOULDED DEPTH			31.25
31.25 - (10.0 + 3.69)	FORWARD		17.67
31.25 - (10.0 + 4.33)	AFT		16.92
AT HALF LENGTH FORWARD			20.0
ERECTOR			47.0%

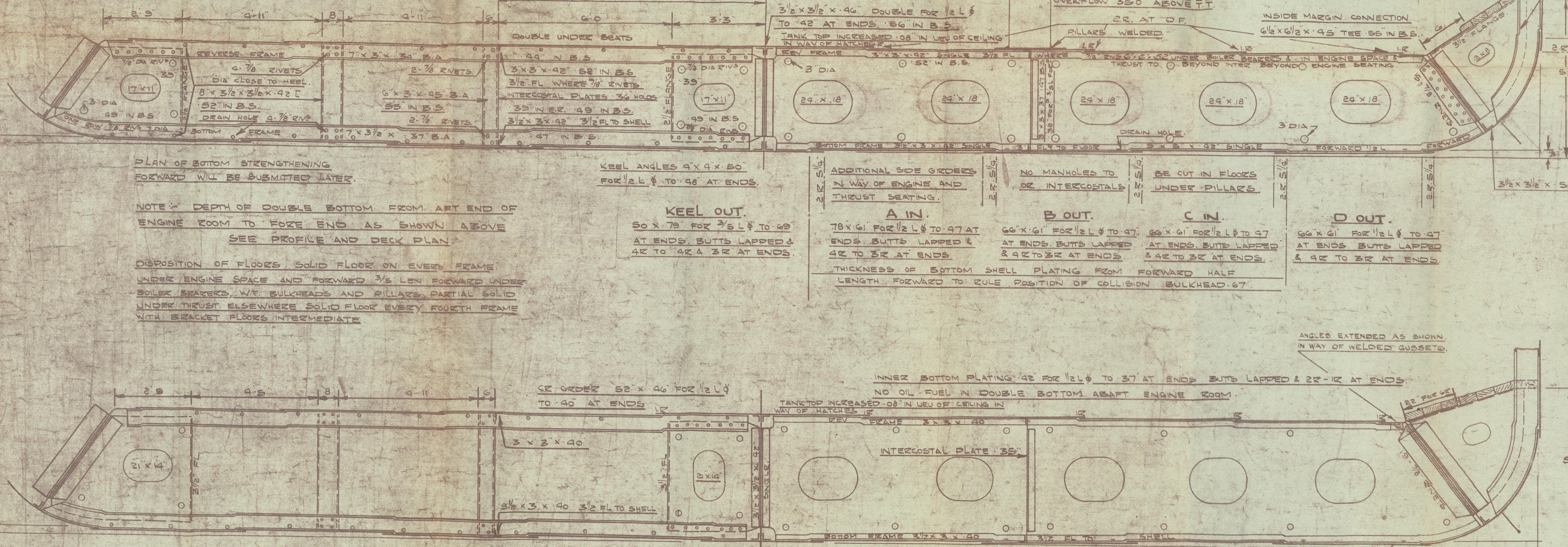
EQUIPMENT NUMERAL			
HULL			34240
POOP	40.85 x 7.75 x 7.8		234
BRIDGE	123.66 x 7.75 x 7.8		719
FORECASTLE	24.17 x 7.5 x 7.5		192
DECKHOUSE	62.0 x 7.75 x 7.5		360
DECKHOUSE & COWING	38 x 7.75 x 5.0		147
TOTAL			35592

EQUIPMENT			
2 BOWER ANCHORS EACH	63 3/4 CWT	STOCKLESS	
1 STEAM ANCHOR	17 1/2	EX-STOCK	
250 FATHOMS 2 1/2" STUD LINK CHAIN	CABLE	500 CWT	
30 " 1 1/2" STEAM CHAIN OR 4 3/4" FLEXIBLE STEEL WIRE	G 1/2"		
120 " 5 FLEXIBLE STEEL WIRE TONLINE	G 1/2"		
2 HAWSEYS	90 FATHOMS 8 HEMP OR 2 3/4" FLEXIBLE STEEL WIRE	G 1/2"	
2 WARPS	90 " 7 " 2 1/2"		

ERECTOR NOTE
RIVETS IN FRAMES TO FLOORS AND CROSS PLATES IN AFT PEAK SPACED 5 DIA APART CR TO CR
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FORWARD OF 1/2 L FORWARD SPACED 5 DIA CR TO CR TWO COMPLETE ROWS
RIVETS IN SEAMS OF SHELL PLATING SPACED 7 DIA APART 3/4 DIA IN WAY OF PEAKS AND DEEP FRAMING FORWARD & AFT TANKS
RIVETS IN BOTTOM FRAMES TO SHELL AFT OF 1/2 L FORWARD SPACED 7 DIA APART CR TO CR
RIVETS IN 32 BUTTS OF OUTSIDE PLATING AND 32 BUTTS OF DECK STRINGER PLATES SPACED 3 1/2 DIA APART CR TO CR
RIVETS IN 42 BUTTS OF OUTSIDE PLATING AND 42 BUTTS OF DECK STRINGER PLATES SPACED 4 DIA APART CR TO CR
RIVETS IN SEAMS OF SHELL PLATING, DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 90
RIVETS IN BUTTS OF DECK PLATING, INNER BOTTOM AND MARGIN PLATES SPACED 4 DIA APART CR TO CR
RIVETS IN SEAMS OF BULKHEAD AND TUNNEL PLATING, MARGIN ANGLES AND WEATHER DECK STRINGER
ANGLES AND BULKHEAD FRAMES TO BULKHEAD SPACED 4 1/2 DIA APART CR TO CR 1/4 DIA IN DEEP TANK ENDS
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDERS AND SHELL FLANGE OF
WATERTIGHT BULKHEAD FRAMES SPACED 5 DIA APART CR TO CR
RIVETS IN FRAMES TO FLOORS AFT OF 1/2 L FORWARD REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING
VERTICAL ANGLES TO FLOORS AND BOW GIRDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK BULKHEADS)
AND IN DECK PLATING TO BEAMS AT EVERY FRAME SPACED 7 DIA APART CR TO CR
RIVETS IN DECK PLATING TO BEAMS AT ALTERNATE FRAMES IN PEAK TANK BULKHEAD STIFFENERS
SPACED 6 DIA APART CR TO CR
RIVETS IN CENTRE GIRDERS TOP ANGLES SPACED 7 DIA APART CR TO CR NON-WATERTIGHT
RIVETS IN CENTRE GIRDERS TOP ANGLES SPACED 5 DIA APART CR TO CR WATERTIGHT.

SCANTLINGS AND DETAILS OF CONSTRUCTION NOTED HEREON ARE SUBMITTED ON
THE UNDERSTANDING THAT THEY ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR
CLASS AND IF NOT THEY ARE TO BE AMENDED, ERRORS AND OMISSIONS EXCEPTED.

ALL S.A. AND CHANNEL SECTIONS GIVEN HEREON ARE N.B.S.



DOUBLE BOTTOM AFT OF ENGINE ROOM
FOR DETAILS NOT GIVEN SEE OTHER SECTION.

W.T. FLOOR STIFFENERS 6" x 3" x 11' 0"
30" APART OVERFLOW 32' 0" ABOVE T.T.

FORECASTLE DECK
STRINGER PLATE 36" x 34"
BUTTS LAPPED & 12"
PLATING 34" UNSHEATHED
BUTTS LAPPED & 12"
STRINGER ANGLE 3 1/2" x 3 1/2" x 24"

POOP DECK
STRINGER PLATE 36" x 34"
BUTTS LAPPED & 12"
PLATING 34" UNSHEATHED
BUTTS LAPPED & 12"
STRINGER ANGLE 3 1/2" x 3 1/2" x 24"

M OUT.
59 AT BRIDGE 38 AT POOP
41 AT FORECASTLE
BUTTS LAPPED & 32" IN BRIDGE
12 AT POOP & FORECASTLE

L IN.
59 AT BRIDGE 38 AT POOP
41 AT FORECASTLE
BUTTS LAPPED & 32" IN BRIDGE
12 AT POOP & FORECASTLE

K OUT.
50 FOR 1/2 L TO RULE
FITTED 65 x 86 FOR 1/2 L TO 95 AT ENDS
61 IN WAY OF BRIDGE
BUTTS LAPPED & 32" FOR 1/2 L TO 92 &
32 AT ENDS 32 IN WAY OF BRIDGE
STRENGTHENING AT BREAKS AS PER RULE

J IN.
50 FOR 1/2 L TO RULE
FITTED 65 x 86 FOR 1/2 L TO 95 AT ENDS
61 IN WAY OF BRIDGE
BUTTS LAPPED & 32" FOR 1/2 L TO 92 &
32 AT ENDS 32 IN WAY OF BRIDGE
NOT EXCEEDING 68"
32 IN WAY OF BRIDGE

H OUT.
78 x 61 FOR 1/2 L TO 95 AT ENDS
BUTTS LAPPED & 32" FOR & AFT

G IN.
78 x 61 FOR 1/2 L TO 95 AT ENDS
BUTTS LAPPED & 32" FOR & AFT

F OUT.
78 x 61 FOR 1/2 L TO 95 AT ENDS
BUTTS LAPPED & 32" FOR & AFT


E IN.
78 x 61 FOR 1/2 L TO 97
AT ENDS BUTTS LAPPED
32 AT ENDS
WELDED AMIDSHIPS

MARGIN PLATE TO RULE 24 x 50
FITTED ABOUT 40 x 50.58 IN B.S.
BUTTS LAPPED & 32" FOR & AFT

BILGE KEEL ABOUT 160 FEET LONG OF 12" x 30"
BILGE PLATE WELDED TO SHELL

MARGIN PLATE 5" x 50
BUTTS LAPPED & 32"
TANK GUSSET PLATE 40"
EVERY FRAME 6" x 7/8" RIVETS

MARGIN CONNECTION 6" x 6" x 95 TEE
WITH 20" x 7/8" RIVETS EACH FLANGE

SHAHZADA 

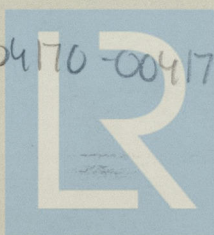
MIDSHIP SECTION

As Built



RETAIN

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