

MIDSHIP SECTION.

S.S. TEMPLE ARCH.

SCALE $\frac{1}{2} = 1'-0"$

TO CLASS 100 A.I. WITH FREEBOARD AT LLOYDS SPECIAL SURVEY.
COMPLETE SUPERSTRUCTURE VESSEL WITH TONNAGE OPENING.

DIMENSIONS: 425'-0" B.P. ON L.W.L. x 56'-0" M.L. - 56'-3" EXT. x 27'-9" M.L. TO 2ND DK. - 36'-9" M.L. TO UPPER DK.

LLOYDS NUMERALS.		
FIRST LONGITUDINAL NUMBER L x D = 425'-0" x 35'-75"	=	15193.75
SECOND LONGITUDINAL NUMBER L x (B + D) = 425'-0" x (56'-0" + 35'-75")	=	38993.75
D TO UPPER DECK = 425'-0" x 36'-75"	=	11.56
D MOULDED DEPTH = 27'-5" x 8'-0"	=	35.75
d = 36'-75" - (3'-0" + 4'-0")	=	23.75
d AT HALF LENGTH FORWARD.	=	26.00

EQUIPMENT NUMBER		
SECOND LONGITUDINAL NUMBER = 425'-0" x (56'-0" + 36'-75")	=	39418.75
FORECASTLE = 40'-0" x 7'-5" x $\frac{3}{4}$	=	225.00
MIDSHIP ACCOMMODATION & CASING = 72'-25" x 8'-0" x $\frac{1}{2}$	=	289.00
SALOON ACCOMMODATION = 30'-0" x 8'-0" x $\frac{1}{2}$	=	120.00
EQUIPMENT NUMBER	=	40052.75

EQUIPMENT		
2 BOWER ANCHORS 68 CWT. EACH STOCKLESS		
1 BOWER ANCHOR 58 CWT. STOCKLESS		
1 STREAM ANCHOR 19 CWT. EX-STOCK		
270 FATHOMS $2\frac{3}{16}$ STUD CHAIN CABLE 720 $\frac{3}{4}$ CWT. OR 2 TAYCO CABLE		
20 FATHOMS $1\frac{5}{16}$ STREAM CHAIN OR 5 FLEXIBLE STEEL WIRE 6" x 12"		
120 FATHOMS $4\frac{3}{4}$ SPECIAL FLEXIBLE STEEL WIRE 6" x 24"		
2 HAWSERS 20 FATHOMS 8" HEMP OR 2 $\frac{3}{8}$ FLEXIBLE STEEL WIRE 6" x 12"		
2 WARPS 30 FATHOMS 7" HEMP OR 2 $\frac{1}{2}$ FLEXIBLE STEEL WIRE 6" x 12"		

RIVETING NOTE.
RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES IN AFT PEAK SPACED 5 DIAM. APART CR TO CR.
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORD HALF LENGTH FOR $\frac{1}{2}$ SPACED $\frac{5}{2}$ DIAM. (TWO COMPLETE ROWS)
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FOR $\frac{1}{2}$ HALF LENGTH FOR $\frac{1}{2}$ SPACED $\frac{5}{4}$ DIAM. (TWO COMPLETE ROWS)
RIVETS IN SIDE FRAMES TO SHELL SPACED 6 $\frac{1}{2}$ DIAM. APART. $\frac{5}{2}$ DIAM. APART IN WAY OF FORE & AFT PEAK TANKS AND DEEP FRAMING FORD.
RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FOR $\frac{1}{2}$ SPACED 7 DIAM. APART CR TO CR.
RIVETS IN 3R. BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED $\frac{5}{2}$ DIAM. APART CR TO CR.
RIVETS IN 4R. BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAM. APART CR TO CR.
RIVETS IN SEAMS OF SHELL PLATING, DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40.
RIVETS IN BUTTS OF DECK PLATING, INNER BOTTOM & MARGIN PLATING SPACED 4 DIAM. APART CR TO CR.
RIVETS IN SEAMS & BUTTS OF BULKHEAD AND TUNNEL PLATING, MARGIN ANGLES AND WEATHER DECK STRINGER ANGLES AND BULKHEAD FRAME TO BULKHEAD SPACED $\frac{4}{2}$ DIAM. APART CR TO CR.
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER AND SHELL FLANGE OF WATERTIGHT BULKHEAD FRAME SPACED 5 DIAM. APART CR TO CR.
RIVETS IN FRAMES TO FLOORS AFT HALF LENGTH FOR $\frac{1}{2}$. REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING VERTICAL ANGLES TO FLOORS AND SIDE GIRDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK BULKHEADS) AND IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAM. APART CR TO CR.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIAM. APART CR TO CR. NON-WATERTIGHT.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIAM. APART CR TO CR. WATERTIGHT.

SCANTLINES & DETAILS OF CONSTRUCTION NOTED HEREON ARE SUBMITTED ON THE UNDERSTANDING THAT THEY ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR CLASS. ERRORS & OMISSIONS EXCEPTED.

STEM 10' x 2'2" STERNPOST 10'2" x 8" RUDDER POST 10'2" x 8"

CENTRE GIRDER
TO RULE 43 $\frac{1}{2}$ x 54 FOR $\frac{1}{2}$ LEN. & - 46" AT ENDS
FITTED 48" x 40" FOR $\frac{1}{2}$ LEN. & - 43" AT ENDS
1ST IN BOILER SPACE. BUTTS LAPPED & 3R.
VERTICAL ANGLES 3' x 3' x 44" SINGLE 54" IN B.S.
5' x 5' x 44" SINGLE UNDER ENGINE SPACE & THRUST SEATING. 5' x 5' x 54" UNDER BOILER BEARERS.

INNER BOTTOM PLATING 44" FOR $\frac{1}{2}$ LEN. & TO 40" AT ENDS
52" IN E.S. - 58" IN B.S. BUTTS LAPPED & 2R.
SEAMS LAPPED & 2R.
TANK TOP CENTRE STRAKE TO RULE 53 x 52 FOR $\frac{1}{2}$ LEN. &
TO 44" AT ENDS. - 52" IN ENGINE SPACE - 58" IN BOILER SPACE
FITTED 87 x 50 FOR $\frac{1}{2}$ LEN. & TO 43" AT ENDS.
52" IN E.S. - 58" IN B.S. BUTTS LAPPED & 3R. TO 2R. AT ENDS
CENTRE GIRDER TOP ANGLES 3'2" x 3'2" x 48" FOR
 $\frac{1}{2}$ LEN. & TO 44" AT ENDS - 58" IN B.S.

FLOOR PLATES 42" THROUGHOUT IN HOLDS & ENGINE SPACE - 52" IN
BOILER SPACE. WATERTIGHT FLOORS 42" x 48" x 50" WITH STIFFERS
6' x 3' x 35" O.A. SPACED 30" APART FOR OVERFLOW 34"3" ABOVE TANK TOP

WING BRACKETS 44" - 54" IN B.S.
MARGIN CONNECTION 6'2" x 6'2" x 44" TEE BAR 54" IN B.S.
WITH 18" x 7/8 RIVETS EACH FLANGE & 42" CONTINUOUS
GUSSET PLATE - 52" IN B.S. WITH 6" x 7/8 RIVETS
IN WAY OF DEEP FRAMING 6'2" x 6'2" x 44" TEE BAR WITH
18" x 7/8 RIVETS EACH FLANGE & 42" CONTINUOUS GUSSET
PLATE WITH 10" x 7/8 RIVETS EACH FLANGE.

5' x 3' x 42" BACK BAR IN
WAY OF DEEP FRAMING.

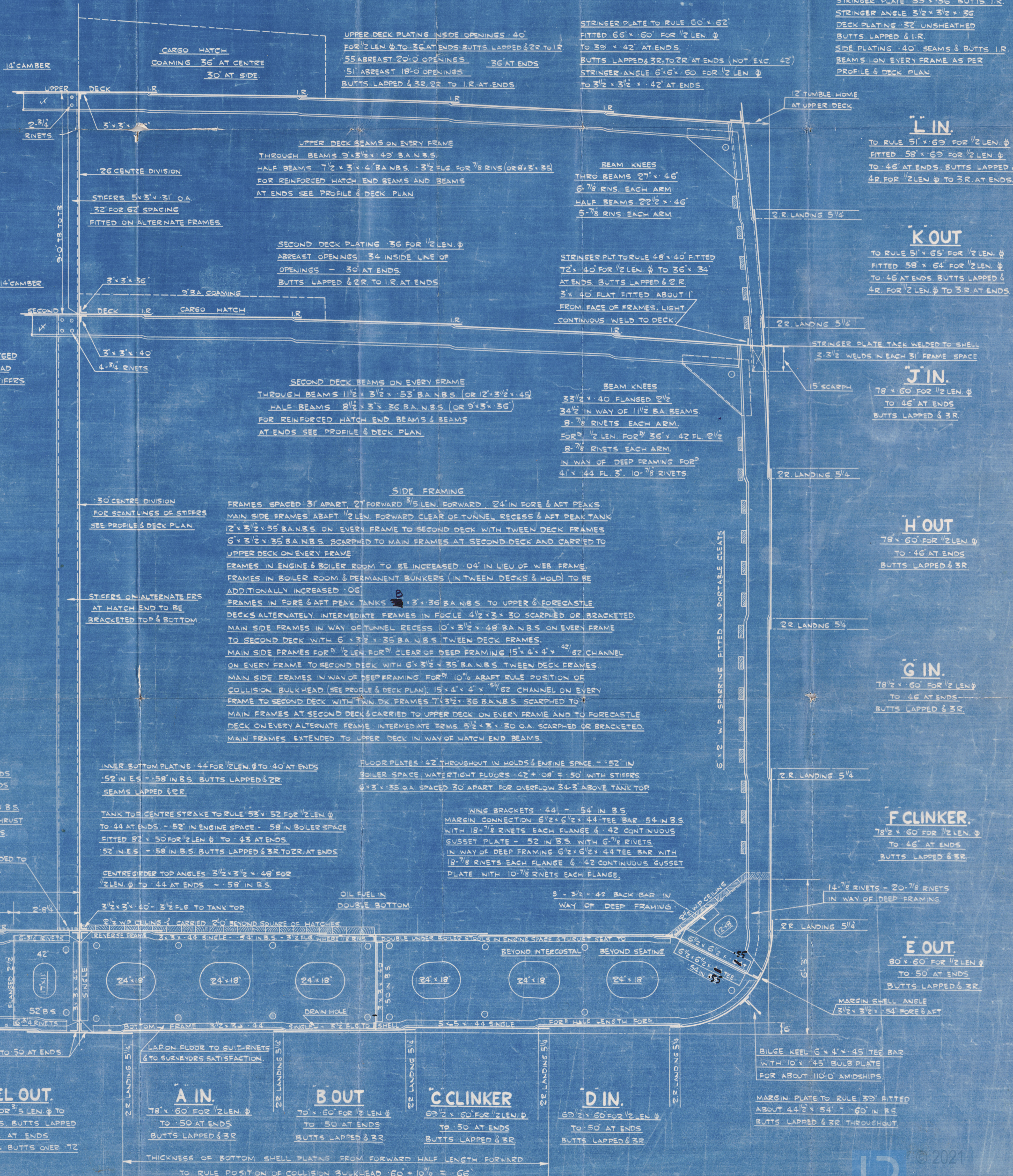
14" x 7/8 RIVETS - 20" x 7/8 RIVETS
IN WAY OF DEEP FRAMING.

F CLINKER.
78" x 60" FOR $\frac{1}{2}$ LEN. &
TO 46" AT ENDS
BUTTS LAPPED & 3R.

E OUT.
80" x 60" FOR $\frac{1}{2}$ LEN. &
TO 50" AT ENDS
BUTTS LAPPED & 3R.

BILGE KEEL 6' x 4' x 45" TEE BAR
WITH 10' x 45" BULB PLATE
FOR ABOUT 10'-0" AMIDSHIPS

MARGIN PLATE TO RULE 30" FITTED
ABOUT 44"2" x 54" x 60" IN B.S.
BUTTS LAPPED & 3R. THROUGHOUT



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LITHGOWS LTD

Nº 929

S.S. TEMPLE ARCH.

MIDSHIP SECTION

As BUILT

GRK. FIRST ENTRY Nº 20891.



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