



S. S. "EMPIRE TALISMAN." "Y7" TYPE MIDSHIP SECTION

SCALE 1/2" = 1' FOOT

DIMENSIONS - 425' 0" B.P. ON L.W.L. - 56' 0" M.D. - 56' 3" EXT. - 27' 9" M.P. TO 2ND DECK - 36' 11" M.P. TO UPPER DECK TO CLASS 100A1 WITH FREEBOARD AT LLOYDS' SPECIAL SURVEY

LLOYDS' NUMERALS			
FIRST LONGITUDINAL NUMBER	L + D	425 + 56	481
SECOND LONGITUDINAL NUMBER	L + (C + D)	425 + (56 + 56.75)	937.75
L/D TO UPPER DECK	425	- 36.91	388.09
D MOULDED DEPTH	27.75 + 8		35.75
d	27.75 - (3.0 + .25 FOR HIGHER BRACKET)		24.50
d AT HALF LENGTH FORWARD			24.17

THE SCANTLINGS ARE SUITABLE FOR A DRAUGHT 18 IN. EXCESS OF THAT CONTEMPLATED BY THE RULES FOR A COMPLETE SUPERSTRUCTURE VESSEL HAVING A TONNAGE OPENING.

EQUIPMENT NUMBER			
SECOND LONGITUDINAL NUMBER	425 + (56 + 36.91)		3948.7
MIDSHIP ACCOMMODATION AND CABIN	99 + 8 + 1		108
FORECASTLE	35 + 7.5 + 2		197
HOURS AFT	30 + 7.5 + 1/2		112
EQUIPMENT NUMBER			40192

EQUIPMENT

- 2 BOWER ANCHORS 68 CWT'S EACH STOCKLESS
- 1 STREAM ANCHOR 12 CWT'S EX-STOCK
- 225 FATHOMS 2 5/8" STUD CHAIN CABLE 600 CWT'S RULE 270 FATHOMS
- 90 FATHOMS 1 3/8" STREAM CHAIN OR 5 FLEXIBLE STEEL WIRE 6 x 12
- 120 FATHOMS 4/8" SPECIAL FLEXIBLE STEEL WIRE 6 x 24
- 2 HAWERS 90 FATHOMS 8 HEMP OR 2 1/2" FLEXIBLE STEEL WIRE 6 x 12
- 2 WARPS 30 FATHOMS 7 HEMP OR 2 1/2" FLEXIBLE STEEL WIRE 6 x 12

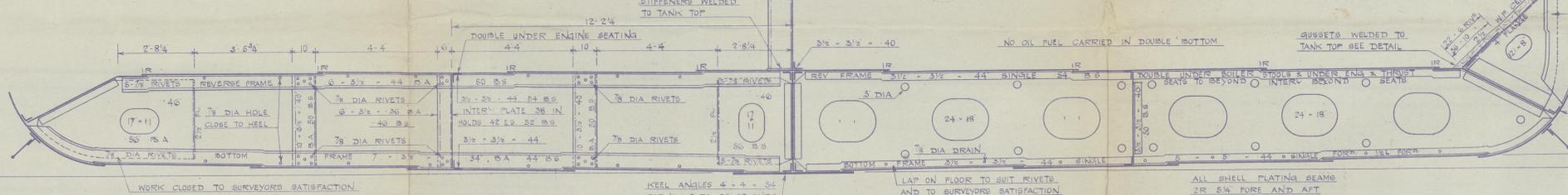
RIVETING NOTE

RIVETS IN FRAMES TO FLOORS IN PEAK TANKS 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 1/4 DIA APART CR TO CR 2 COMPLETE ROWS REELED.
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORWARD OF 1/2 L FORWARD SPACED 5 1/4 DIA APART CR TO CR 2 COMPLETE ROWS REELED.
RIVETS IN BA FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORWARD OF 1/2 L FORWARD SPACED 5 1/4 DIA APART CR TO CR.
RIVETS IN BOTTOM FRAMES TO SHELL AFT OF 1/2 LENGTH FORWARD SPACED 5 DIA APART CR TO CR.
RIVETS IN BOTTOM FRAMES TO FLOORS AFT OF 1/2 LENGTH FORWARD REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING SPACED 7 DIA CR TO CR.
RIVETS IN SIDE FRAMES TO SHELL SPACED 5 1/4 DIA APART CR TO CR AND 7 DIA CR TO CR CLEAR OF 30 FRAME SPACING DEEP FRAMING AND TANKS.
RIVETS IN VERTICAL ANGLES CONNECTING FLOORS AND SIDE GIRDERS SPACED 7 DIA CR TO CR 5 DIA IN WT FLOORS AND UNDER ENGINE BEAT.
RIVETS IN WATERTIGHT FLOOR STIFFENERS SPACED 5 DIA APART CR TO CR.
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS AND CENTRE GIRDER, AND SHELL DECK AND TANK TOP PLANGE OF WATERTIGHT BULKHEAD FRAME SPACED 5 DIA APART CR TO CR.
RIVETS IN BULKHEAD PLANGE OF WATERTIGHT BULKHEAD FRAME MARGIN PLATE ANGLE AND WEATHER DECK STRINGER ANGLE SPACED 1/2 DIA CR TO CR.
RIVETS IN WATERTIGHT BULKHEAD STIFFENERS SPACED 7 DIA APART CR TO CR AND 6 DIA CR TO CR IN BALLAST TANK WT BULKHEADS.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIA APART CR TO CR WATERTIGHT AND 7 DIA CR TO CR NON-WATERTIGHT.
RIVETS IN WATERTIGHT FLOOR FRAME AND REVERSE FRAME SPACED 5 DIA APART CR TO CR BOTH FLANGES.
RIVETS IN DECK BEAMS TO PLATING ON EVERY FRAME SPACED 7 DIA APART CR TO CR.
RIVETS IN 4R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIA APART CR TO CR.
RIVETS IN 3R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3 1/2 DIA APART CR TO CR.
RIVETS IN BUTTS OF DECK PLATING SPACED 2 DIA APART CR TO CR.
RIVETS IN SEAMS OF SHELL DECKS AND INNER BOTTOM PLATING AS PER TABLE 40.
RIVETS IN SEAMS OF DECK PLATING IN WAY OF BALLAST TANKS SPACED 4 DIA APART CR TO CR.
RIVETS IN SEAMS AND BUTTS OF WATERTIGHT BULKHEAD AND TUNNEL PLATING SPACED 4 1/2 DIA APART CR TO CR AND 4 DIA CR TO CR IN BALLAST TANK WATERTIGHT BULKHEADS.

THE SCANTLINGS OF ANGLE AND BULB ANGLE SECTIONS GIVEN ON THIS PLAN ARE NEW BRITISH SECTIONS AND ARE THE MINIMUM ACCEPTABLE FOR THE FULL DRAUGHT.

STEM 10 - 2 1/2" STERNPOST 10 1/2 - 8" RUDDER POST 10 1/2 - 8"

CENTRE GIRDER 43W x 54 FOR 1/2 L Q TO .40 AT ENDS .62 B.S. BUTTS LAPPED AND 4R.
VERTICAL ANGLES 3 1/2 x 3 1/2 - 44 SINGLE 54 B.S. 5 - 5 - 44 SINGLE IN WAY OF ENGINE AND THRUST SPACE.
5 - 5 - 44 SINGLE UNDER BOILER BEARERS STIFFENERS WELDED TO TANK TOP.



DISPOSITION OF FLOORS
SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE AND FORWARD 3/5 LENGTH FORWARD UNDER BOILER BEARERS AND WT BULKHEADS ELSEWHERE SOLID FLOOR ON EVERY THIRD FRAME BRACKET FLOOR INTERMEDIATE AND AS SHOWN ON PROFILE PLAN.

KEEL OUT
52 - 78 FOR 3/8 L Q TO .52 AT ENDS BUTTS LAPPED AND 4R TO 3R AT ENDS.
1 DIA RIVETS IN BUTTS OVER 72

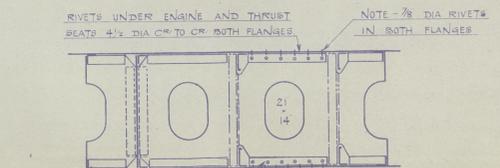
A IN
78 x 68 FOR 1/2 L Q TO .78 AT ENDS BUTTS LAPPED AND 4R-3R

B OUT
72 x 68 FOR 1/2 L Q TO .55 AT ENDS BUTTS LAPPED AND 4R-3R

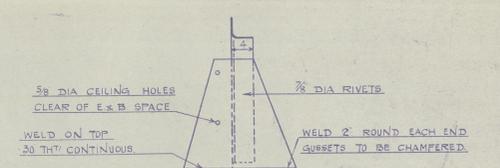
C CLINKER
72 x 68 FOR 1/2 L Q TO .55 AT ENDS BUTTS LAPPED AND 4R-3R

D IN
72 x 68 FOR 1/2 L Q TO .55 AT ENDS BUTTS LAPPED AND 4R-3R

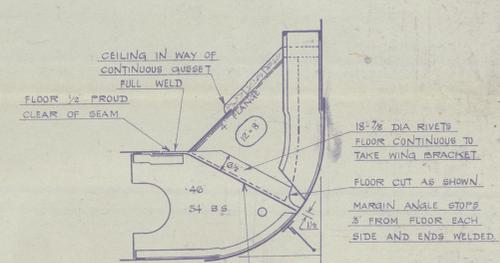
ALL SHELL PLATING BEAMS 2R 6 1/4 FORE AND AFT
BULGE KEEL 12 x 80 BULB PLATE RIVETED TO 6 - 4 - 80 TEE FOR ABOUT 126 FEET AMIDSHIPS
MARGIN PLATE TO RULE 39 FITTED ABOUT 44 - 57 TO 39 - 57 AT FORE END 61 B.S. BUTTS WELDED. SEE DETAIL.



ELEVATION OF INTERCOSTAL 12 - 2 1/2" OFF CR P.S.



ELEVATION OF TANK GUSSET SCALE 1" = 1' FT.



SECTION OF FLOOR AT TANK MARGIN PLATE BUTT MARGIN PLATES 'STRAIGHT' BETWEEN BUTTS.

LITHGOWS LTD N° 997.

"As BUILT"

MIDSHIP SECTION.

997

"EMPIRE TALISMAN".

GRIL. 1ST. ENTRY RPT. No. 22733.



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