

2 JUN 1950

Nº 508. MIDSHIP SECTION

SCALE:- 1/2" = 1'00"

LENGTH B.P. 435'0" BREADTH MLD. 58'6" DEPTH MLD. 38'0" / 29'6"

DRAFT MLD. 25'7 1/2" CLASS +100 A.I. LLOYDS.

UPPER DECK SHEER FORD. 3'6" AFT 4'6"

LOWER DECK SHEER FORD. 6'3" AFT 4'6"

ALL SECTIONS NBS

EQUIPMENT NUMERAL

L(D-D)	435 (58'5" + 38')	435'0" + 38'0"	41977.5
FORECASTLE	75'4" x 75'		230.6
AFTER DECKHOUSE	50'33" x 8.5'		140.3
MIDSHIP HOUSE	50'34" x 8.0'		376.0
OFFICERS HOUSE	50'27" x 8.0'		110.0
TOTAL			42834.4

EQUIPMENT [NUM 43200 CLASS B.T.]

2 BOWER ANCHORS STOCKLESS	72 1/2 CWT EACH
1 BOWER ANCHOR STOCKLESS	62 CWT
1 STREAM ANCHOR	20 1/2 CWT
300 FATHOMS	2 1/2" SWD GALV. CABLE OR 2 1/2" FLOYD CABLE
120 FATHOMS	5" 1/2 FLEXIBLE STEEL WIRE ROPE
130 FATHOMS	5" 1/24 SPECIAL FLEX STEEL WIRE ROPE - TOWLINE
2 HAWSERS	100 FATHOMS 2 1/4" 1/2 FLEX STEEL WIRE ROPE
2 WARPS	100 FATHOMS 2 3/4" 1/2 FLEX STEEL WIRE ROPE

WELDING

THE SOCIETY'S REQUIREMENTS FOR ELECTRIC ARC WELDING TO BE COMPLIED WITH AS FAR AS THEY ARE APPLICABLE. NO UNQUE RESTRAINT TO BE APPLIED TO ANY MEMBER WHILE BEING WELDED. CARE TO BE TAKEN TO ENSURE AMPLE PENETRATION BY ALL WELDS.

RIVETING

HOLD FRAMES TO SHELL IN 27" SPACING	7 DIAS	BOUNDARY ANGLES & STIFFENERS OF WATERTIGHT FLOORS 5 DIAS
HOLD FRAMES TO SHELL IN 30" SPACING	6 1/2	STRINGER ANGLE 6" x 6" DOUBLE RIVETED
HOLD FRAMES TO SHELL IN DEEP TANK & PEAK TANKS	5 1/2	STRINGER ANGLE 3" x 3" SINGLE RIVETED
HOLD FRAMES TO SHELL IN PAINTING AREA	5 1/2	BEAMS TO DECK
TWEEN DECK FRAMES TO SHELL	7	BEAMS AT CROWN OF DEEP TANK & PEAK TANKS
BOTTOM FRAMES TO SHELL & FLOORS	7	HATCHWAY DECK ANGLES TO DECK & COAMINGS
BTM FRAMES TO SHELL IN FORD .25L	5 1/2	HATCHWAY DECK ANGLES TO DECK & COAMING AT CORNERS
FLOORS & CROSS TIES IN FORE PEAK	6	BULB ANGLE STIFFERS ON COAMING
FLOORS & CROSS TIES IN AFTER PEAK	5	HATCH BEAM ANGLES
KEEL ANGLES - DOUBLE RIVETED	6 1/2	
CENTRE GIRDER TOP ANGLES CLEAR OF E.B.D.	7	SIZES OF RIVETS GOVERNED BY THICKNESSES OF PLATING
CENTRE GIRDER TOP ANGLES IN WAY OF E.B.D.	5	
VERTICAL ANGLES, FLOOR TO CENTRE GIRDER	5	FOR REST OF RIVETING SEE "PROFILE & DECK"
VERTICAL ANGLES, FLOOR TO INTERCOSTAL GIRDERS	7	
TOP & BOTTOM ANGLES OF INTERCOSTAL GIRDERS 3.66 7/8 RVS	4 1/2	
MARGIN ANGLE	4 1/2	

STEEL & B.D.

STEM BAR 10" x 2 1/4"
STERNFRAME & RUDDER TO BE SUBMITTED
BOSS PLATE 61" x 10" (FURNISHING) 1" x 71"

DOUBLE BOTTOM

FOR SCANTLINGS IN MOTOR ROOM SEE SEPARATE PLAN
44 1/2" ABOVE BASE LINE - 58" FOR 4L TO 45" FOR 4L AT ENDS
62" IN WAY OF BOILER. BUTTS WELDED. TOP BARS DOUBLE 3 1/2" x 3 1/2" x 47-43
BOTTOM BARS DOUBLE 5 x 5 x 50 - 48" VERTICAL ANGLES 3 1/2" x 3 1/2" x 41-43. DOUBLE IN M.R.
10'0" APART (SEE "PROFILE & DECK") 41" TANK ENDS 49" PEAKS 45
STIFFERS AT TANK ENDS 3 1/2" x 2 1/2" x 40 TOE WELDED 30" APART BTM FRAMES 3 1/2" x 3 1/2" x 41
6 x 6 x 41 IN BTM FORD. REVFRAMES 3 x 3 x 41" ANGLES AT TANK ENDS 49" THK.
SEE DETAIL BELOW

SOLID FLOORS

BRACKET FLOORS

TANK GIRDERS

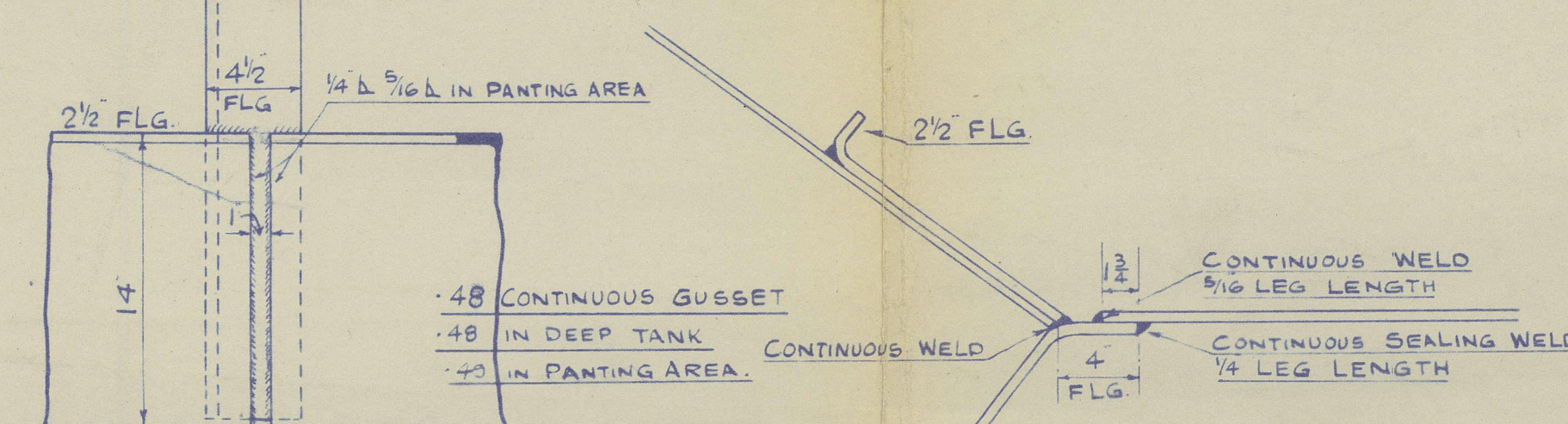
TANK TOP

TANK MARGIN

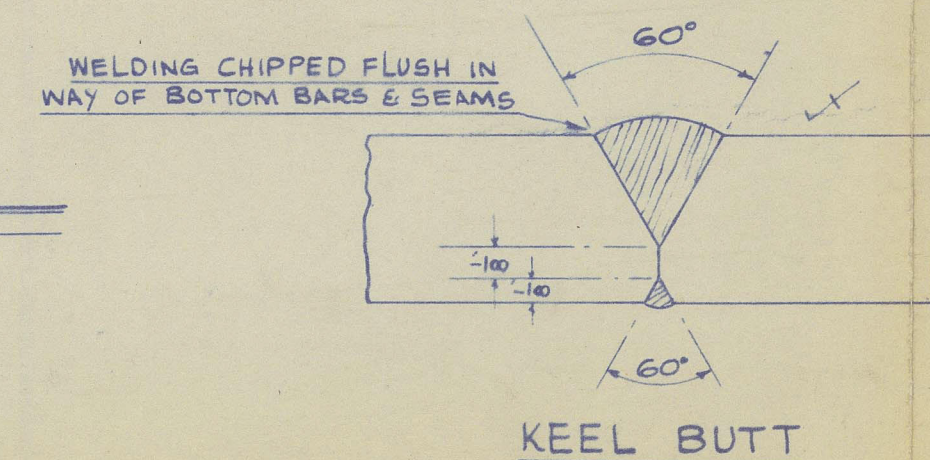
TANK BRACKETS

NOTE

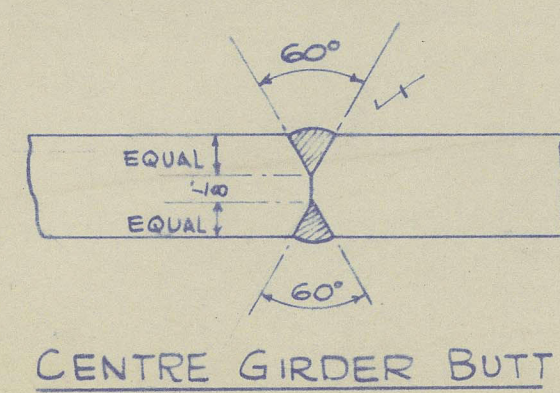
IN WAY OF SCOTCH BOILER (STD SIDE ONLY). ALL ANGLES IN DOUBLE BOTTOM, STIFFERS ON W.T. FLOORS, TANK SIDE BRACKETS, GUSSETS & CONNECTING ANGLES TO BE INCREASED BY .10
SOLID FLOORS .51



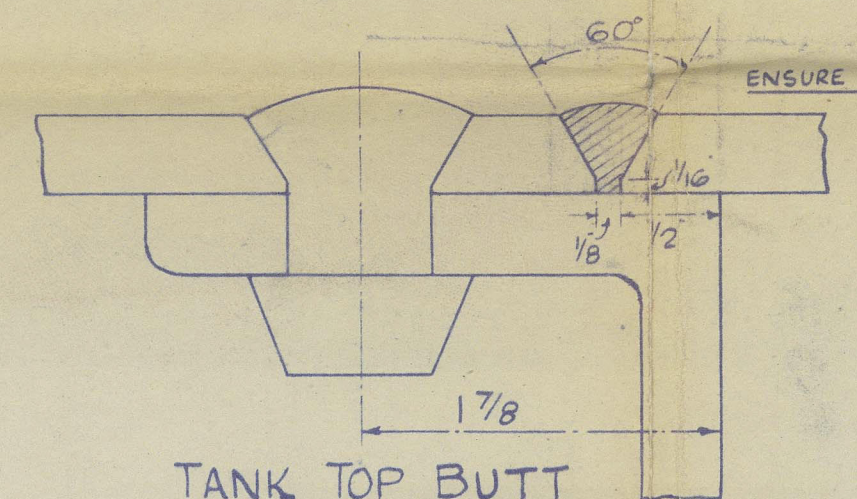
TANK BRACKET GUSSET



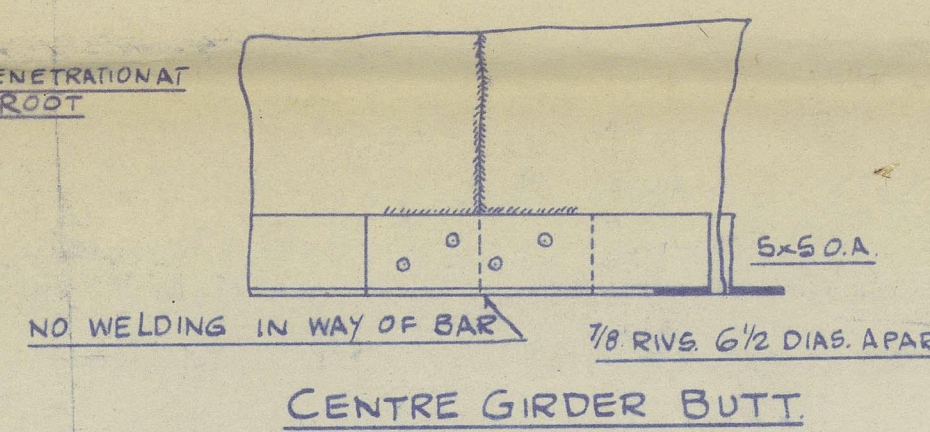
KEEL BUTT



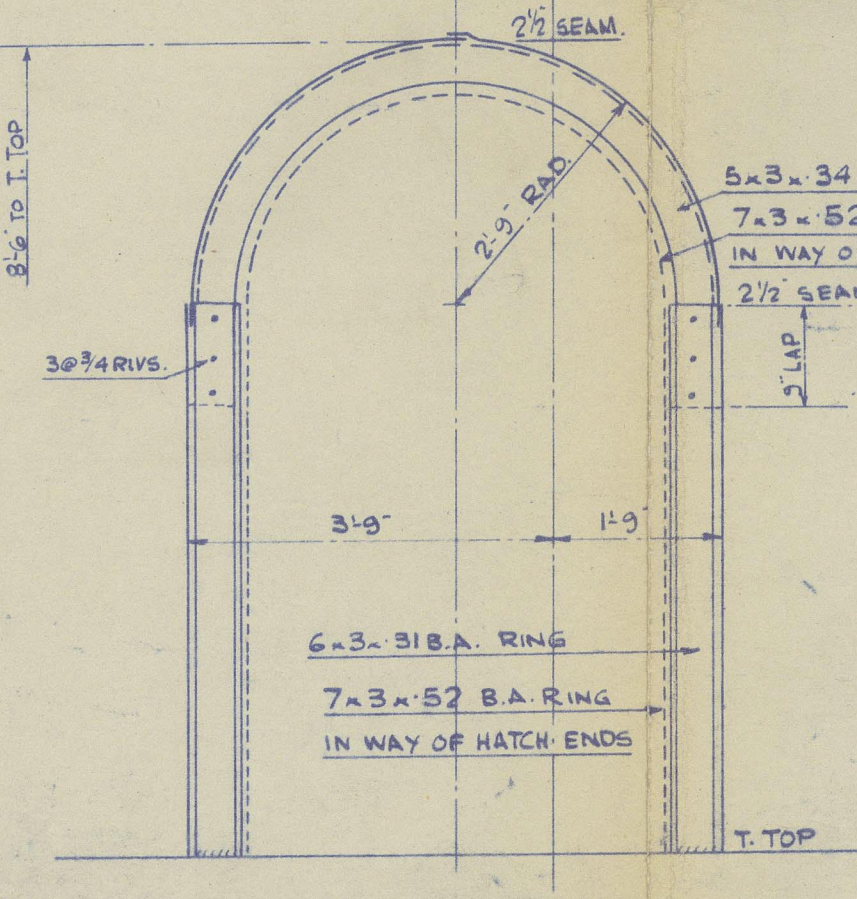
CENTRE GIRDER BUTT



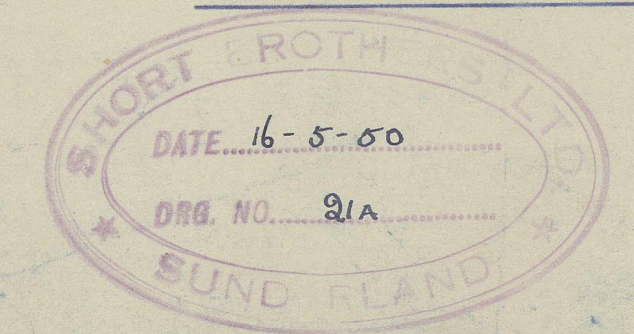
TANK TOP BUTT



TANK TOP BUTT
ALTERNATIVE ARR.



SHAFT TUNNEL



SHORT BROS LTD.
SHIP BUILDERS
SUNDERLAND
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MESSRS SHORT BROS SHIP 508

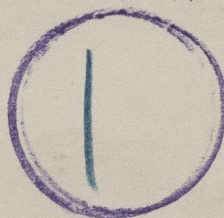
MIDSHIP SECTION

SUNDERLAND RPT. NO. (C.11) 35643
"STANHOPE"

SUNDERLAND RPT. NO. 35675

"Stanhope" ★

RECORDS DEPT.
LONDON



N/N SOVETSKAYA ARTIKA



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