

SHIP N° 143
163'2 B.P. x 21'75 B.M.^{LD} x 12'50 D.M.^{LD}
535'45 B.P. x 71'35 B.M.^{LD} x 41'01 D.M.^{LD}
MIDSHIP SECTION

SCALE: 1/25

SCANTLINGS SUITABLE FOR A SUMMER MOULDED
DRAFT OF ABOUT 9'55 (31'33')

TO CLASS LLOYDS + 100 A.I.
"CARRYING PETROLEUM IN BULK."
"LONGITUDINAL FRAMING AT BOTTOM & DECK."
A SUITABLE NOTATION TO BE MADE IN THE
REGISTER REGARDING ELECTRIC WELDING.
EQUIPMENT TO RULE.
MINIMUM THICKNESS IN CARGO TANKS AND COFFERDAMS 11/16 (43')

NOTES:
ALL NOTCHES IN PLATES ARE TO BE WELL ROUNDED AND TO
HAVE SMOOTH EDGES.
LIGHTENING HOLES TO MAINTAIN THE SAME POSITION RELATIVE TO
SHELL AS SHOWN AND TO BE NOT LESS THAN 200% CLEAR OF NOTCHES.

ALL SECTIONS TO BE EQUIVALENT TO BRITISH STANDARDS

WELDING SYMBOLS

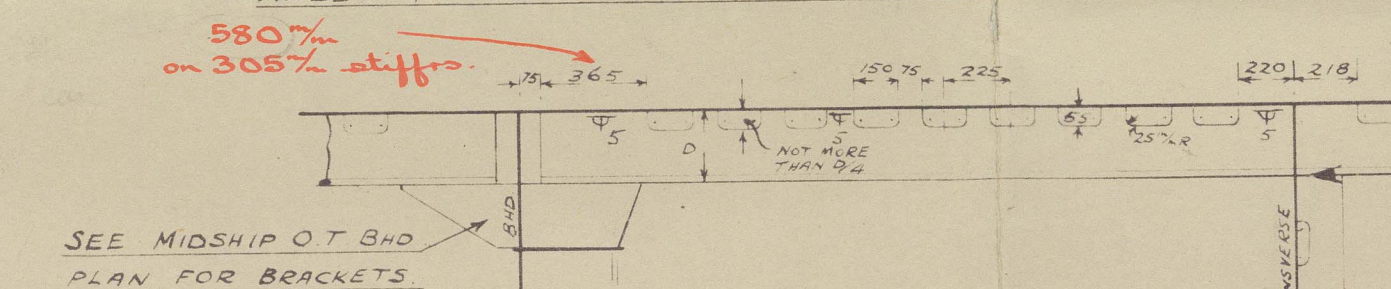
SIZE OF WELD REFERS TO THROAT THICKNESS.
A¹ DENOTES DOUBLE CONTINUOUS FILLET WELD OF THROAT THICKNESS "A".
B¹ DENOTES SINGLE CONTINUOUS FILLET WELD OF THROAT THICKNESS "A".
◄ DENOTES BUTT WELD.

THE REQUIREMENTS OF THE RULES FOR THE APPLICATION OF ELECTRIC
ARC WELDING TO SHIP CONSTRUCTION TO BE COMPLIED WITH.

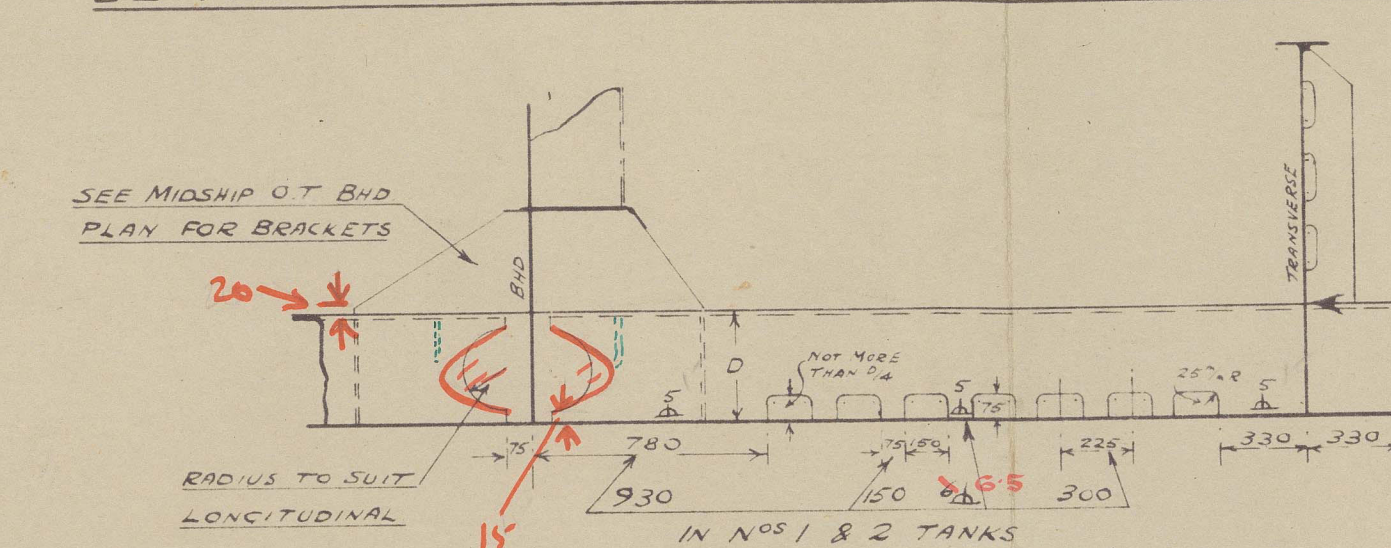
WHERE MEMBERS ABUT ON BOTH SIDES OF BULKHEADS OR ON OTHER MEMBERS
CARE IS TO BE TAKEN THAT THEY ARE IN ALIGNMENT (CHAP. 4905 OF THE RULES)

DETAIL OF WELDING OF DECK LONGITUDINALS

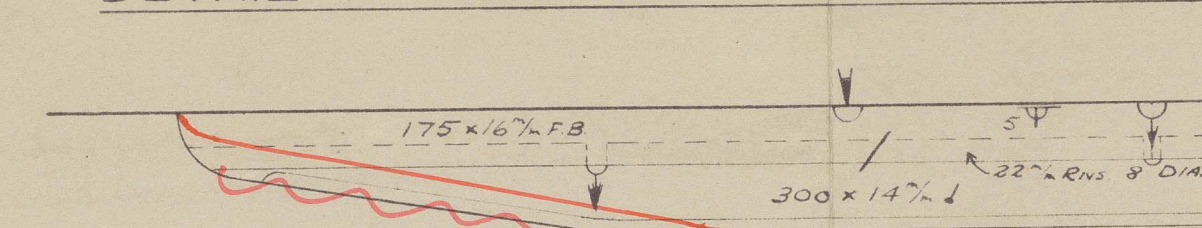
WELDING OF LONGITUDINAL BULKHEAD STIFFENERS SIMILAR



DETAIL OF WELDING OF BOTTOM AND BILGE LONGITUDINALS



DETAIL AT ENDS OF BILGE KEELS



42 MAY 1952

DECK LONGITUDINALS 220 x 12 1/2 I
SPACED 77 1/2% APART. (MODULUS NOT
LESS THAN 305 cm²) Area of longitudinal not to be less than 5.44 sq. in.

DECK PLATING 22% FOR 5 L AMIDSHIPS
TO 9% FOR 05 L AT ENDS. BUTTS WELDED.
IN RIVETED SEAMS - 2 ROWS 25% DIA. RIVETS 4 DIA. APART.
BARS OF DECK THICKNESS - TWO 910 DIA. HATCHES
IN FULL BREADTH OF SHIP AND ALL LONGITUDINALS CONTINUOUS.

STRINGER 2"000 x 22% FOR
5 L AMIDSHIPS TO 17000 x 11%
FOR 05 L AT ENDS.
INCREASED AT PUMP FRONT
BUTTS WELDED.

STRINGER ANGLE 200 x 180 x 25%
2 ROWS 25% DIA. RIVETS SPACED
5 DIA. APART IN EACH ROW.

SHEERSTRAKE 1700 x 25 1/2% FOR
5 L AMIDSHIPS TO 12% FOR 05 L
AT ENDS. INCREASED AT PUMP FRONT
BUTTS WELDED.

SIDE SHELL PLATING 19 1/2% FOR 05 L
AMIDSHIPS TO 13% FOR 05 L AT ENDS.
BUTTS WELDED.

THREE SIDE SHELL SEAMS TREBLE
RIVETED FOR 75 L AMIDSHIPS
25% DIA. RIVETS SPACED 4 DIA. APART.
ALL OTHER SHELL SEAMS 2 ROWS
25% DIA. RIVETS SPACED 4 DIA. APART
and as per Table 76 D.

LENGTH OF TANKS 10'44 (34'25)
SPACING OF TRANSVERSES 2'610 (8'564)
SPACING OF FRAMES 870% (34'25)

WEBS OF BOTTOM AND BILGE LONGITUDINALS AND
OF LONGITUDINAL BULKHEAD STIFFENERS TO BE
WELDED TO TRANSVERSES

CENTRE GIRDER 2240 x 13 1/2
FACE PLATE 350 x 21% IN TANKS N° 23, 5, 6, 8 & 9
FACE PLATE 350 x 16 1/2% IN TANKS N° 1, 4 & 7
AND IN PUMP ROOMS

FOR DETAILS OF DOCKING BRACKETS
SEE PLAN OF MIDSHIP OF BULKHEAD
GIRDERS AND WEB.

FOR OTHER SCANTLINGS IN WAY OF
PUMP ROOMS SEE SEPARATE PLAN
TO BE SUBMITTED.

12 1/2% (47)
13% IN WAY OF PUMP ROOMS
(52) (3" 480 SPAN)

14 1/2% (56)
305 x 11 FL 100%

With additional supports
between bulkheads in
Pump rooms.
(See plan of Pump rooms)

KEEL 1"500 x 28% THROUGHOUT
BUTTS WELDED

BOTTOM SHELL PLATING 20 1/2% FOR 5 L
AMIDSHIPS TO 13% FOR 05 L AT ENDS.
BUTTS WELDED.
BOTTOM LONGITUDINALS 365 x 13 1/2% FL 135% SPACED 77 1/2% APART

BUILDERS: CANTIERI NAVALI DI TRIESTE
S.P.A. TRIESTE 1781.

SIE. JOSEPH W. HERNIMAN & CO. LTD.
4, LLOYDS AVENUE,
LONDON, E.C.3.
15th N° 1873-1 APRIL 1952

DR. JOSEPH W. HERNIMAN & CO. LTD.
4, LLOYDS AVENUE,
LONDON, E.C.3.
25 APR 1952

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MIDSHIP SECTION

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★ AGOSTINO FASSIO
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“ INA ”

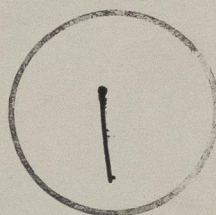
CANTIERI NAVALI DI TARANTO, TARANTO. YARD N° 143

GENOA (ANCONA)

FREEBOARD REPORT N° 19792

FIRST ENTRY REPORT N° 19847

RECORDS DEPT.,
LONDON.



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