

PLAN N° S.1.

N° 1316.

MIDSHIP SECTION

DIMENSIONS: 460'-0" B.P. x 59'-0" x 34'-0" MLD.

SCALE 1/2" = 1 FOOT.

TO CLASS LLOYDS 100 A.1.

CARRYING PETROLEUM IN BULK.

LONGITUDINAL FRAMING AT BOTTOM AND DECK.

ALL SECTIONS TO NEW BRITISH STANDARD.

A suitable notation is made regarding the welding of the upper deck beams.

BOTTOM SHELL BUTTS: QUADRUPLE OVERLAPS TO TREBLE AT ENDS.
 SIDE SHELL BUTTS: DOUBLE RIVETED FORK AND AFT.
 SHELL LANDINGS: QUADRUPLE OVERLAPS TO TREBLE AT ENDS.
 KEEL PLATE BUTTS: QUADRUPLE OVERLAPS TO TREBLE AT ENDS.
 SHEER STRAKE BUTTS: WHERE NOT EXCEEDING 68".
 STRAKE BELOW SHEER STRAKE: QUADRUPLE OVERLAPS FOR 1/2 TO TREBLE AT ENDS WHERE NOT EXCEEDING 68".
 BUTTS: DOUBLE RIVETED, TREBLE RIVETED.
 THICK PLATES AT BREAKS: DOUBLE STRAPPED, TREBLE RIVETED.
 UPPER DECK STRINGER BUTTS: WELD + WELDED.
 UPPER DECK BUTTS: DOUBLE RIVETED IN WAY OF TANKS, SINGLE RIVETED ELSEWHERE.
 UPPER DECK LANDINGS: DOUBLE RIVETED IN WAY OF TANKS, SINGLE RIVETED ELSEWHERE.
 OIL-TIGHT BULKHEADS BUTTS AND LANDINGS: DOUBLE RIVETED OR WELDED.

RIVET SPACING.
 RIVETS IN BOTTOM LONGITUDINALS TO SHELL 3/8" DIAS FOR 9 RIVETS.
 EACH SIDE OF TRANSVERSES AND BULKHEADS 1/2" DIAS THROUGHOUT.
 IN N° 9 TANK 5/16" DIAS ELSEWHERE.
 RIVETS IN DECK LONGITUDINALS 5/16" DIAS APART.
 SIDE FRAMES TO SHELL 5/16" DIAS APART IN WAY OF OIL.
 RIVETS IN FRAMES TO SHELL CLEAR OF OIL AND PEAKS 7/16" DIAS WHERE UNDER 28" 6/16" WHERE OVER 28".
 RIVETS TO SHELL IN PEAKS AND DEEP TANKS 5/16" DIAS APART.
 IN FACE BARS TO FLOORS IN WAY OF OIL 5/16" DIAS APART.
 FRAMES AND FLOORS IN AFTER PEAK 5/16" DIAS APART.
 TO FLOORS AND FRAMES TO SHELL ON BOTTOM FORWARD OF 1/2 FORWARD 5/16" DIAS APART.
 RIVETS IN SHELL BEAMS 4/16" DIAS APART.

RIVETS IN UPPER DECK BEAMS IN WAY OF OIL 4/16" DIAS APART WHERE EXCEEDING 50". 3/4" DIAS APART WHERE THICKNESS IS 50" AND UNDER.
 RIVETS IN OIL-TIGHT BULKHEAD FRAMES AND BOUNDARY BARS 5/16" DIAS APART.
 TRANSVERSE BEAMS TO DECK IN WAY OF OIL 5/16" DIAS APART.
 FLOORS TO SHELL IN WAY OF LONGITUDINAL FRAMING 5/16" DIAS APART.
 APART WHERE BACK BARS FITTED 4/16" DIAS APART WHERE INDICATED ON SECTION 4/16" DIAS ELSEWHERE (BOTH FLANGES).
 RIVETS IN STRINGER FACE BARS IN WAY OF OIL 5/16" DIAS APART.
 FACE BARS ON TRANSVERSE DECK BEAMS 6/16" DIAS APART.
 BRACKET ATTACHMENTS WHERE NOT SPECIALLY INDICATED TO BE NOT MORE THAN 5/16" DIAS APART.

WHERE NO CONNECTING ANGLES ARE SHOWN.
 MEMBERS TO BE WELDED TO LLOYDS REQUIREMENTS.

ALL WELDING TO BE CONTINUOUS AND IN NO CASE SHOULD COMBINED THROAT THICKNESS BE LESS THAN 1/40.

LLOYDS NUMERALS

L x D 460'-0" x 34'-0" 15640

L x (B x D) 460'-0" x (59'-0" x 34'-0") 42780

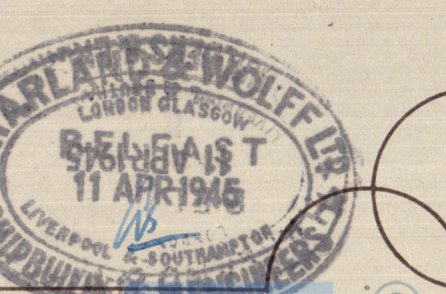
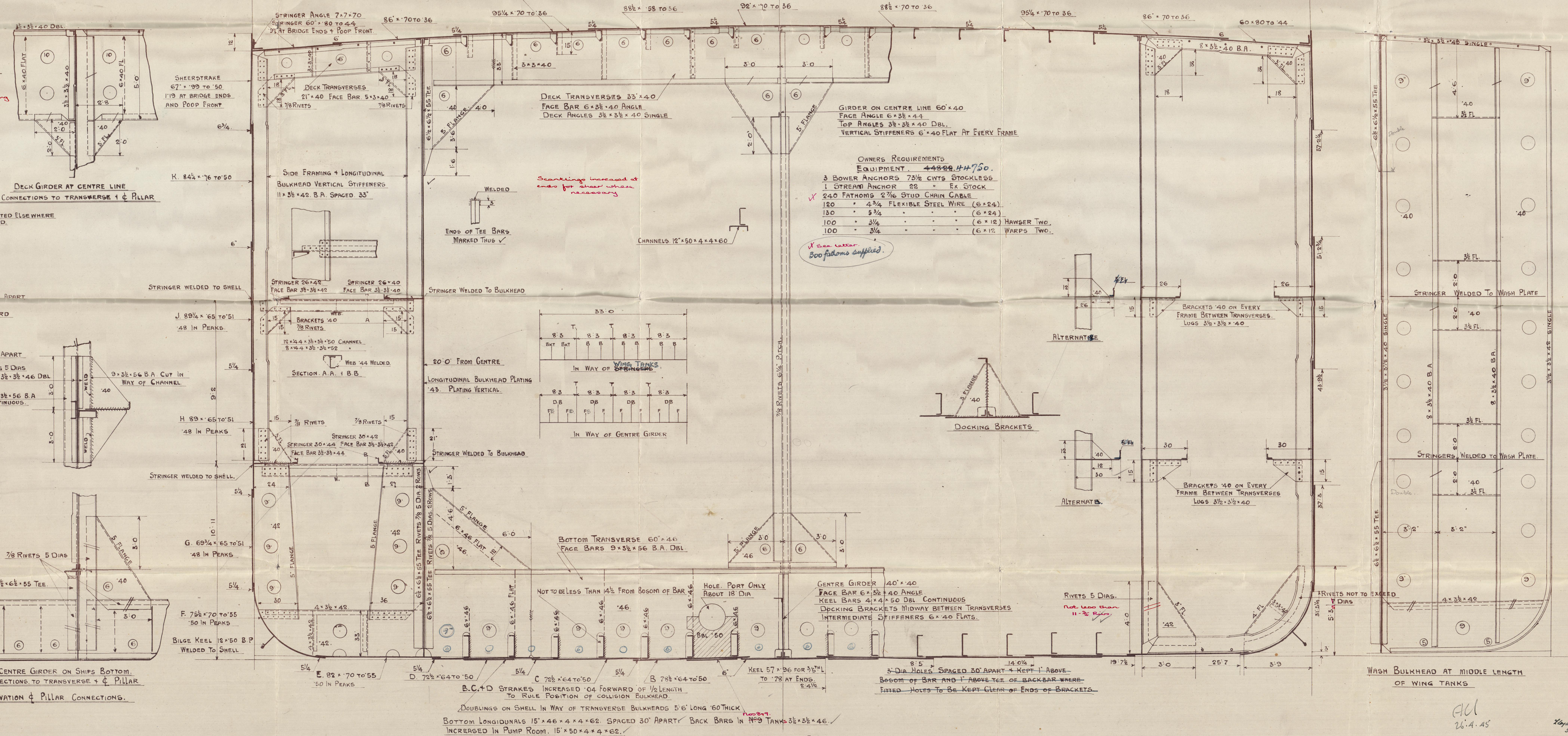
L/D 460/34 13'52

BRIDGE SIDE PLATING 43
 FORECASTLE SIDE PLATING 43
 POOP SIDE PLATING 40

2'-9" DIA HATCH P.I.S. TO WING TANKS *overhead*
 4'-0" TO CENTRE TANK PORT ONLY *clear of wing hatches*

CAMBER 14 3/4" IN 59'-0"

DECK LONGITUDINALS 8 x 3/8 x 40 BNSPACED 30"



HARLAND & WOLFF LTD.

BRISTOL




1316

TITLE Midship Section
(AS FITTED PLAN ALSO FORWARDED)

DATE APPROVED

26/4/85

Bel. n^o - No 14303 "Patella" 



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Lloyd's Register
Foundation

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