

N<sup>o</sup> 1373.1380-1.1383.1392-1408-1418.

# MIDSHIP SECTION

DIMENSIONS :- 460'-0" BP x 59'-0" x 34'-10" MLD

SCALE 1/2"=1 FOOT.

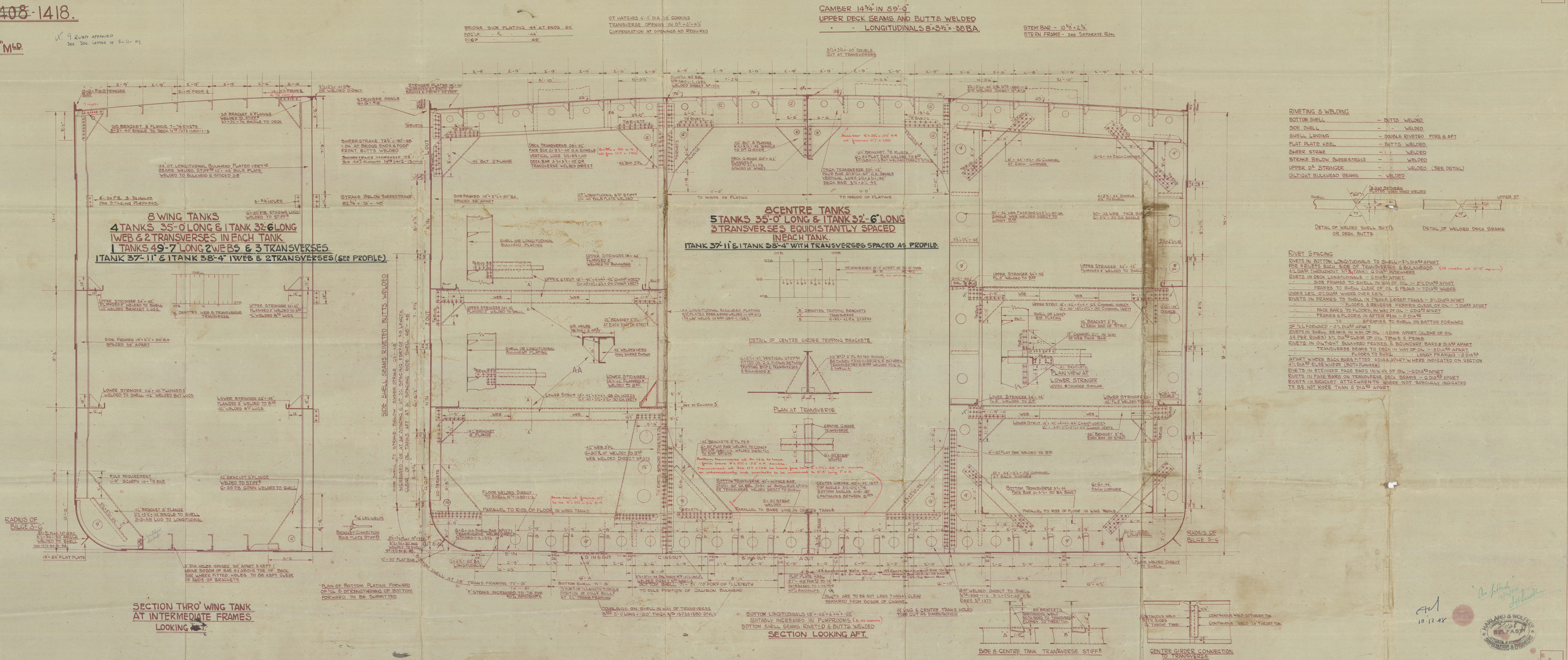
N<sup>o</sup> 1373.1383 TO CLASS LLOYD'S 100A1E  
CARRYING PETROLEUM IN BULK  
N<sup>o</sup> 1380-1.8.1392 TO CLASS N.V.A.I. BULK OIL CARRIER  
LONGITUDINAL FRAMING AT BOTTOM & AT DECK  
ALL SECTIONS ARE TO NEW BRITISH STANDARD  
BUILD PLATES ARE 0.85

LLOYD'S NUMERALS D. 34.25 (Blue oval)  
LxD 460.0 x 34.83 = 16022.15755  
L(B+D) 460.0 x (59.0 + 34.83) = 43162.24915  
L/D 460.0 ÷ 34.83 = 13.2

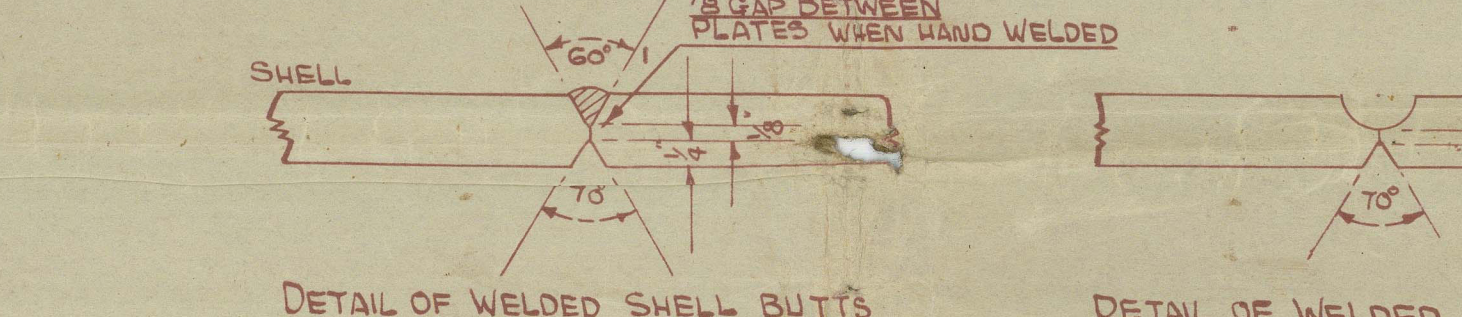
EQUIPMENT  
2<sup>ND</sup> NUMERICAL L x (B+D) = 43162  
POOP 34.83 x 7.5 = 261.225  
BRIDGE 34.83 x 7.5 = 261.225  
PUNCASTLE 43.75 x 7.5 = 328.125  
HOUSE ON POOP 87.75 x 7.5 = 658.125  
BRIDGE 34.83 x 7.5 = 261.225  
UPPER BRIDGE 460.0 x 7.5 = 3450.0  
NAU 74.45 x 7.5 = 558.375  
EQUIPMENT NUMERICAL = 46000

## RULE EQUIPMENT.

3000W ANCHORS 75 LBS EACH STOCKLESS  
1 STREAM ANCHOR 22 CWTs EX STOCK  
300 FATHOMS 2 1/2" STUO CHAIN CABLE OR EQUIVALENT TAYCO  
120 1 1/2" STREAM CHAIN OR S FLEXIBLE STEEL WIRE C-18  
130 2 1/2" SPECIAL FLEXIBLE STEEL WIRE C-73  
2 HANISERS 100 FATHOMS 2 1/2" FLEXIBLE STEEL WIRE C-18  
2 WARPS 2 1/2"



- RIVETING & WELDING
- BOTTOM SHELL - BUTTS WELDED
  - SIDE SHELL - BUTTS WELDED
  - SHELL LANDING - DOUBLE RIVETED FORE & AFT
  - FLAT PLATE KEEL - BUTTS WELDED
  - SHEER STRAKE - BUTTS WELDED
  - STRAKE BELOW SHEER STRAKE - BUTTS WELDED
  - UPPER D<sup>o</sup> STRINGER - BUTTS WELDED (SEE DETAIL)
  - OUTRIG BULKHEAD BEAMS - BUTTS WELDED



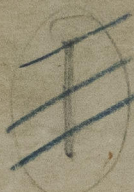
- RIVET SPACING
- RIVETS IN BOTTOM LONGITUDINALS TO SHELL - 3" DIA. APART FOR 3 RIVETS EACH SIDE OF TRANSVERSE & BULKHEADS (12 RIVETS AT 11'-0" APART)
  - 12 DIA. THROUGHOUT IN TANKS, 9 DIA. BETWEEN RIVETS IN DECK LONGITUDINALS - 3" DIA. APART
  - SIDE FRAMES TO SHELL IN WAY OF OIL - 3" DIA. APART
  - FRAMES TO SHELL CLASH OF OIL - 5" DIA. APART
  - UNDER 10% OIL DIA. WHERE OVER 50% OIL - 5" DIA. APART
  - RIVETS IN FRAMES TO SHELL IN FRAMES COPEL TANKS - 5" DIA. APART
  - FRAMES & REVERSE FRAMES CLEAR OF OIL - 10" DIA. APART
  - FRAMES & FLOORS IN WAY OF OIL - 3" DIA. APART
  - FRAMES & FLOORS IN AFTER PEAK - 3" DIA. APART
  - OF 1/2" FORWARD - 3" DIA. APART
  - RIVETS IN SHELL BEAMS IN WAY OF OIL - 3" DIA. APART (CLEAR OF OIL AS PER RULES) 5" DIA. APART OF OIL TANKS & PEAKS
  - RIVETS IN OUTRIG BULKHEAD FRAMES & BULKHEADS BASE DIA. APART
  - TRANSVERSE BEAMS TO DECK IN WAY OF OIL - 3" DIA. APART
  - APART WHERE BACK BARS FITTED - 4" DIA. APART WHERE INDICATED ON SECTION
  - 3" DIA. ELSEWHERE (BOTH FRAMES)
  - RIVETS IN STRINGER FACE BASE IN WAY OF OIL - 3" DIA. APART
  - RIVETS IN FACE BARS ON TRANSVERSE DECK BEAMS - 3" DIA. APART
  - RIVETS IN BRACKET ATTACHMENTS WHERE NOT SPECIALLY INDICATED TO BE NOT MORE THAN 3" DIA. APART

SECTION THRO' WING TANK AT INTERMEDIATE FRAMES. LOOKING AFT.

SECTION LOOKING AFT.

10.12.48  
A. J. J. J.  
HARLAND & WOLFE  
BELFAST  
SHIPBUILDERS & ENGINEERS



  
HARLAND & WOLFF LTD.  
BELFAST

No. 418  
TITLE Midship Section

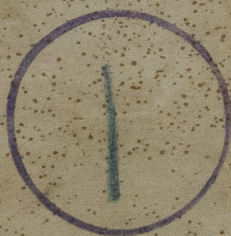
DATE APPROVED 10/12/48

"As fitted" 12/12/50 *dl*

Sub. Rpt. No. 15109 "Saganfield" ★

Belfast Freeboard Report No. F. 133.

RECORDS DEPT.  
LONDON



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Foundation

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