

N^{os} 709-13.

612 DEC 1942

MIDSHIP SECTION.

RULE LENGTH 420'-9½". BREADTH M-LD 56'-2½". DEPTH M-LD 29'-0".

CLASS:- LLOYDS. 100A.1. (WITH FREEBOARD) SCANTLINGS FOR A DRAFT OF 18" IN EXCESS OF THAT CONTEMPLATED BY THE

RULES FOR A COMPLETE SUPERSTRUCTURE VESSEL AS DESIRED BY MINISTRY OF WAR TRANSPORT.

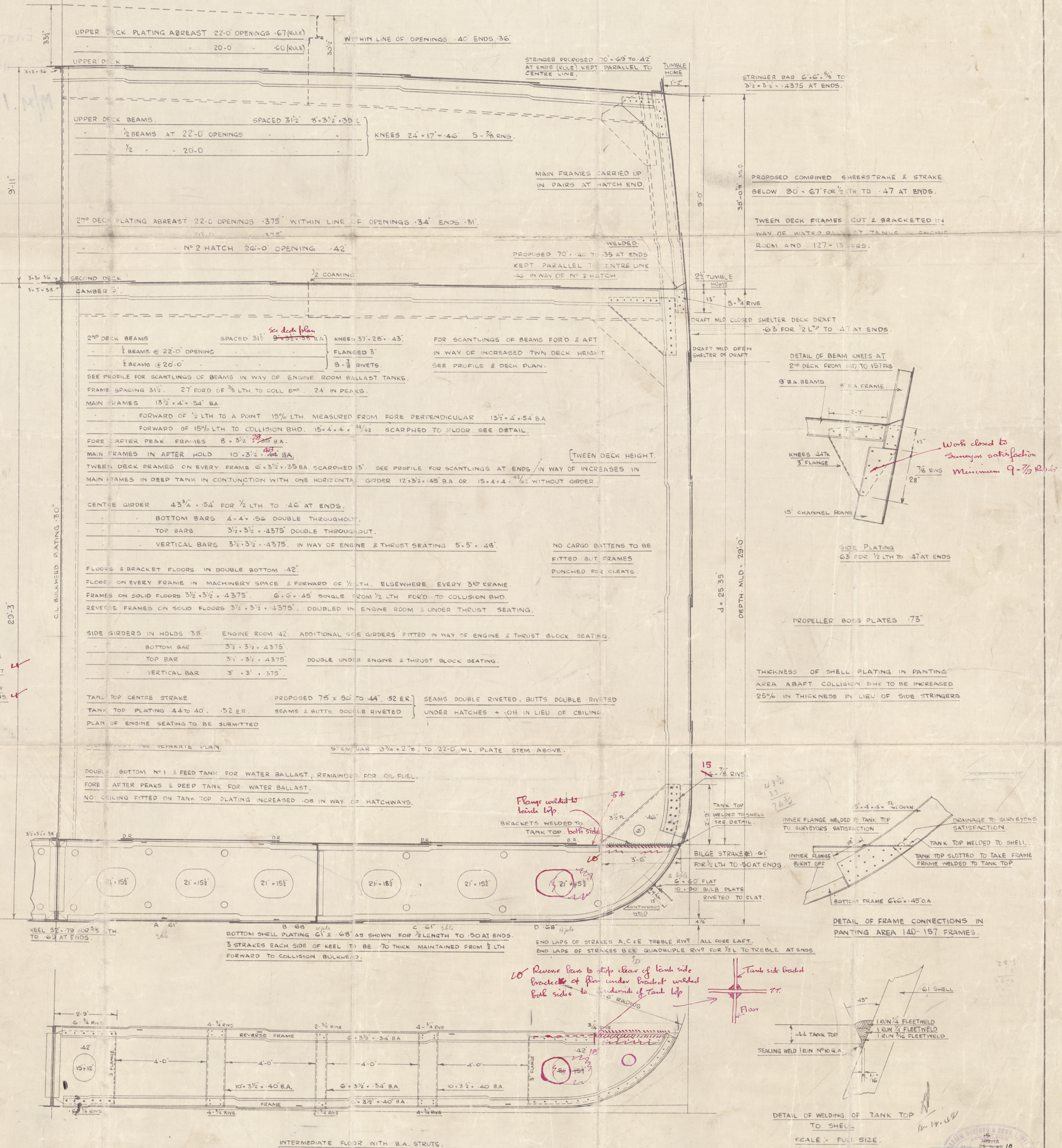
SCALE: $\frac{1}{2}$ " = ONE FOOT.

SEE PROFILE FOR THICKNESS OF UPPER DECK PLATING & Stringer
FROM 39 TO 130 FRAMES.

OWNER'S EXTRAS.

1. BROAD LINERS TO TAKE ONE OR TWO RIVETS EACH SIDE OF BULKHEAD FRAME
TO BE FITTED IN WAY OF OUTSIDE SHELL STRAKE IN THE CASE OF THE
FORE PEAK AND AFTER PEAK BULKHEADS & IN THE CASE OF THE BHD.
BETWEEN NOS. 1 & 2 HOLDS.
2. DECK PLATING UNDER STEERING ENGINE AND WINDLASS TO BE NOT LESS THAN 5/16"
3. DOUBLING PLATE EXTENDING TO BEAMS & FORE & AFTERS TO BE FITTED TO
DECK IN WAY OF RUDDER CARRIER.
4. AT LEAST TWO OF THE WINCH CRUIER FOUNDATION BARS TO BE CONTINUOUS
HATCH TO HATCH IN WAY OF MASTS.
5. WINCH GIRDERS ELSEWHERE TO EXTEND SUFFICIENTLY FAR FORE & AFT TO
DISTRIBUTE STRESS AND VIBRATION.
6. FORE AND AFTER BOUNDARY BARS WINDLASS BED TO BE EXTENDED BEYOND
THE BED TO TAKE THE RIVETS IN NEXT BEAM BEYOND THE BED.
7. CHAIN PIPES TO BE RIVETED OR WELDED TO DECKS AT TOP & BOTTOM ENDS TO
PROVIDE SUPPORT FOR WINDLASS ADDITIONAL TO NORMAL PILING.
8. EXPOSED ENDS & FRONTS OF DECKHOUSES TO HAVE BRACKETS ON
STIFFENERS TO DECK.
9. RUDDER HEAD TO BE INCREASED 10 PER CENT IN DIAMETER & OTHER RUDDER
SCANTLINGS CORRESPONDINGLY INCREASED.
10. TRANSOM POST TO BE INCREASED IN LENGTH 15% OVER RULE.
11. UPPER DECK STRINGER AND STRAKE OF DECK PLATING ALONGSIDE HATCH-
WAYS TO BE 7/16" THICK IN THE INTERMEDIATE STRAKE OF DECK PLATING
5/16" THICK FROM 33 TO 130 FBS. PER CIRCULAR M.S. 972/42
12. SECOND DECK HATCH SIDE GIRDERS AND END BEAMS AND END STIFFENERS
OF HOLD & BULKHEAD TO BE INCREASED IN ACCORDANCE WITH
CIRCULAR M.S. 972/42.

67 see deck plan



| | |
|--------------------------------------|-------------------|
| DEPTH FOR SCANTLINGS D | 29.0 + 8.0 = 37.0 |
| L + D 420.73 + 37.0 | 457.73 |
| L (8 + D) 420.73 (56.21 + 37.0) | 39.85 |
| L/D (UPPER D) $\frac{420.73}{39.85}$ | 11.07 |
| DEPTH "d" 23.35 | |

| | | |
|----------------|----------------------------|---------------------------|
| L. (B+D) | = 420.73 x (50.21 + 39.07) | 39672 39543 |
| FORECASTLE | 82.25 x 7.5 x 7.5 | 181 |
| SALOON HOUSE | 75.75 x 7.79 x 5 | 295 |
| OFFICERS HOUSE | 28.00 x 9.5 x 5 | 133 |
| HOUSE AFT | | 118 |

EQUIPMENT (LETTER a†)

| | | | | | |
|--------|---------------|---------------------------------|--------|---|---|
| 2 | BOWER ANCHORS | STOCKLESS | - | 136 CWTs | 1 ANCHOR 50% CWTs OMITTED AS DESIRED BY MINISTRY OF WAR TRANSPORT |
| 1 | STREAM ANCHOR | EX STOCK | | 13 CWTs | |
| 225 | FATHOMS | 2 ⁵ / ₈ " | CABLE | RULE LENGTH OF CABLE 270 FMS. REDUCTION OF 45 FMS. AS DESIRED BY MINISTRY OF WAR TRANS | |
| 90 | | 5 ⁵ / ₈ " | S.W.R. | STREAM LINE | |
| 120 | | 4 ³ / ₄ " | 24 | TOW LINE | |
| 2 @ 90 | | 2 ⁷ / ₈ " | 6/12 | HAWSEY NAT'L | |

NOTE: ALL CHANNELS & BULB ANGLES TO
NEW BRITISH STANDARD SECTIONS

TANK DIVISION FLOORPLATES
INCREASED .08" & VERTICAL STIFFERS
5.37x44 O.A. SPACED 30" APART.

INTERMEDIATE FLOOR WITH B.A. STRUTS.

TAIL OF WELDING OF TA
TO SHELL
SCALE:- FULL SIZE

M.C.
* 2/5.7.14. *

~~W/S 373~~

Wm. Doreford & Sons.

Yard No 409-710-711-712-13-14-15

16-17-18-19-20-21

Midship Section. 22-23-24

Wreck Section



"Empire Hausman"

SUNDERLAND RPT. NO. 33848.

~~378~~
YARD. NO. 709

SUNDERLAND RPT. NO. 34200.

"Weybank"

YARD. NO. 724

~~10/57~~
PLANS TRANSFERRED
TO SISTER VESSEL

~~Weybank~~
'EAST WAHES'

n/n 'UNIVERSAL
SKIPPER'

M/M. 16672



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