

# T.S.S. N°873 MIDSHIP SECTION.

## PRINCIPAL DIMENSIONS.

|                               |                        |
|-------------------------------|------------------------|
| LENGTH OVERALL                | 494'-0"                |
| LENGTH ON UPPER DECK          | 477'-7" (LOYDS LENGTH) |
| LENGTH BETWEEN PERPS ON W.L.  | 477'-0"                |
| BREADTH EXTREME               | 63'-1"                 |
| BREADTH MOULDED               | 62'-0"                 |
| DEPTH MOULDED (TO UPPER DECK) | 34'-4"                 |

$$\text{TRANSVERSE } N^{\circ} (B \times D) = 62.75 \times 34.33 \times 50 = 97.58$$

$$\text{LONGITUDINAL } N^{\circ} L (B \times D) = 477.6 \times 97.58 = 46604$$

$$B \text{ TO BRIDGE DECK} = 8.38 \text{ TO SHELTER DECK} = 11.12$$

$$d = 18.96$$

CLASS LLOYDS + 100 A (SHELTER DECK WITH FREEBOARD)

SCALE 1/2" = 1 FOOT

FOR ENCLOSURE TO  
Lloyd's Register of Shipping  
Palmers & Co. Ltd.  
Shipyard Department  
ARROW-ON-TYNE.

## EQUIPMENT NUMERAL

|                       |                   |       |
|-----------------------|-------------------|-------|
| LONGITUDINAL NUMBER   | L (B x D)         | 46604 |
| SHELTER TWEEN DECKS   | 477' 6" x 8" x 75 | 2865  |
| BRIDGE                | 180' 5" x 8" x 75 | 1033  |
| FORECASTLE            | 10' 03" x 8" x 75 | 300   |
| ENGINE CASING & HOUSE | 40' 00" x 75" x 5 | 150   |
| BOILER CASING & HOUSE | 38' 00" x 75" x 5 | 145   |
| OFFICERS' HOUSE       | 33' 00" x 75" x 5 | 124   |
| TOTAL                 |                   | 51269 |

EQUIPMENT NUMERAL = 51269

## EQUIPMENT TO RULES

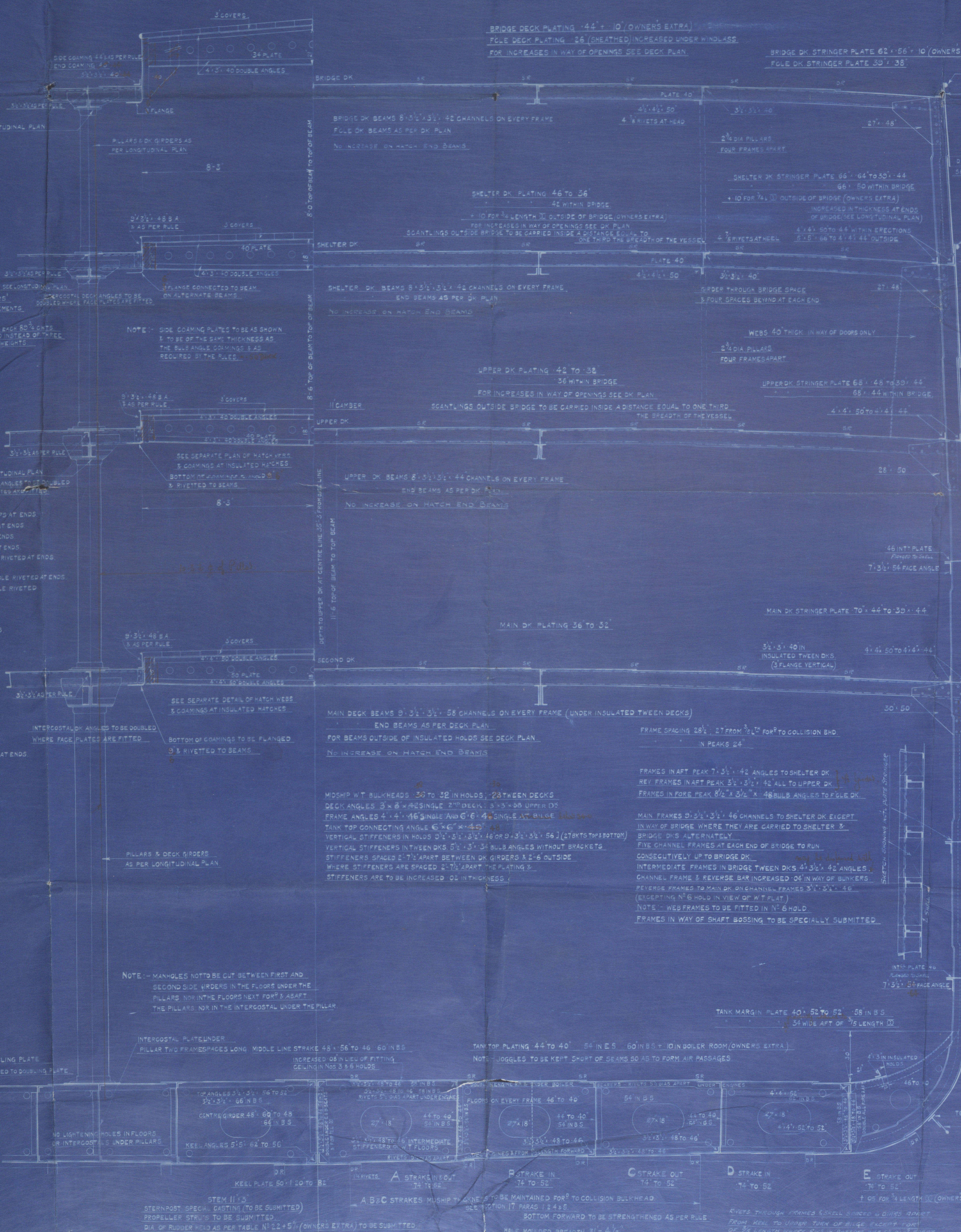
1 BOWER ANCHOR (STOCKLESS TYPE)

|             |                          |               |
|-------------|--------------------------|---------------|
| STREAM      | (EL STOCK)               | 85L ONTS      |
| KEDGE       |                          | 85L           |
| 300 PATHOMS | 2 1/2" STUD CHAIN CABLE  | 10 1/2" x 04" |
| 100         | STEEL STREAM WIRE 5 1/4" | 75L           |
| 100         | STEEL WIRE TOWLINE 6"    | 10"           |
| 100         | MANILLA 8"               | 10"           |
| 100         |                          | 8"            |
| 100         |                          | 8"            |

NOTE: - BOWER ANCHORS EACH 80% ONTS TO BE SUPPLIED INSTEAD OF THREE OF THE ABOVE WEIGHTS.

## RIVETTING NOTES.

KEEL PLATE BUTTS DOUBLE STRAPPED AND TREBLE RIVETED FOR 1/2" TO QUADRUPLE RIVETED LAPS AT ENDS.  
BOTTOM PLATING BUTTS QUADRUPLE RIVETED LAPS FOR 1/2" TO QUADRUPLE & TREBLE RIVETED AT ENDS.  
BULGE PLATING BUTTS QUADRUPLE RIVETED LAPS FOR 1/2" TO QUADRUPLE & TREBLE RIVETED AT ENDS.  
SIDE PLATING BUTTS (G TO L INCLUSIVE) QUADRUPLE RIVETED LAPS FOR 1/2" TO TREBLE RIVETED AT ENDS.  
SHELTER DECK SHEERSTRAKE DOUBLE STRAPPED & TREBLE RIVETED FOR 1/2" TO QUADRUPLE & TREBLE RIVETED AT ENDS.  
SHELTER DECK SHEERSTRAKE WITHIN BRIDGE QUADRUPLE RIVETED LAPS.  
STRAKE BELOW SHELTER DECK SHEERSTRAKE QUADRUPLE RIVETED LAPS FOR 1/2" TO QUADRUPLE & TREBLE RIVETED AT ENDS.  
BRIDGE DECK SHEERSTRAKE BUTTS QUADRUPLE RIVETED LAPS. FOLE SIDE PLATING BUTTS TREBLE RIVETED.  
BRIDGE DECK SHEERSTRAKE QUADRUPLE RIVETED LAPS.  
BRIDGE DECK STRINGER PLATE BUTTS QUADRUPLE RIVETED LAPS.  
FOLE DECK STRINGER PLATE BUTTS DOUBLE RIVETED LAPS.  
SHELTER DECK STRINGER PLATE BUTTS QUADRUPLE RIVETED FOR 1/2" TO TREBLE RIVETED AT ENDS.  
SHELTER DECK STRINGER PLATE BUTTS WITHIN BRIDGE TREBLE RIVETED.  
UPPER DECK STRINGER PLATE BUTTS TREBLE RIVETED ALL FORE & AFT.  
BRIDGE DECK PLATING BUTTS TREBLE RIVETED.  
FOLE DECK PLATING BUTTS SINGLE RIVETED.  
SHELTER DECK PLATING BUTTS TREBLE RIVETED FOR 1/2" TO OUTSIDE OF BRIDGE & DOUBLE RIVETED INSIDE BRIDGE & LINE OF HATCHES FOR 1/2" TO SINGLE RIVETED AT ENDS.  
UPPER DECK PLATING BUTTS DOUBLE RIVETED FOR 1/2" TO SINGLE RIVETED AT ENDS.  
SECOND DECK PLATING BUTTS DOUBLE RIVETED FOR 1/2" TO SINGLE RIVETED AT ENDS.  
CENTRE RIGDER BUTTS TREBLE RIVETED ALL FORE & AFT.  
MARGIN PLATE BUTTS TREBLE RIVETED ALL FORE & AFT.  
MIDDLE LINE STRAKE OF TANK TOP BUTTS TREBLE RIVETED FOR 1/2" TO TREBLE & DOUBLE RIVETED AT ENDS.  
TANK TOP PLATING DOUBLE RIVETED FOR 1/2" TO SINGLE RIVETED AT ENDS.  
W.T. BULKHEAD PLATING SINGLE RIVETED BUTTS & SEAMS.  
RIVETING OF SEAMS AS SHOWN ON MIDSHIP SECTION & LONGITUDINAL PLAN.



5 1/2" HALF ROUND  
P STRAKE OUT 74' 05" (OWNER'S EXTRA)  
FOLE SIDE PLATING 44"  
O STRAKE IN 70' 05" (OWNER'S EXTRA)  
5 1/2" HALF ROUND (NOT REQUIRED IN WAY OF BRIDGE & FOLE)  
20 FEET DOUBLING FULL WIDTH AT ENDS OF BRIDGE (SEE LONGITUDINAL PLAN)  
N STRAKE OUT 88' 48"  
70' 48" WITHIN ERECTIONS  
+ 05' FOR 1/2" LENGTH (OWNER'S EXTRA)  
M STRAKE IN 74' 48" (REQUIRED IN THICKNESS ON ACCOUNT OF EXTRA WIDTH OF STRAKE)  
70' 48" WITH ERECTIONS  
+ 05' FOR 1/2" LENGTH (OWNER'S EXTRA)  
L STRAKE OUT 70' 48"  
STRINGER BRACKETS TO BULKHEAD TO BE FITTED  
IN VIEW OF BULKHEAD DOUBLINGS  
K STRAKE IN 70' 48"  
TR IN FORE & AFTER BODIES (SEE LONGITUDINAL PLAN)  
J STRAKE OUT 70' 48"  
TR IN FORE & AFTER BODIES (SEE LONGITUDINAL PLAN)  
H STRAKE IN 70' 48"  
BOSS PLATES 84"  
TR IN FORE & AFTER BODIES (SEE LONGITUDINAL PLAN)  
STRINGER BRACKETS TO BULKHEADS TO BE FITTED  
IN VIEW OF BULKHEAD DOUBLINGS  
G STRAKE OUT 70' 48"  
+ 10' FOR 1/2" LENGTH (OWNER'S EXTRA)  
F STRAKE IN 74' 52' 05" FOR 1/2" LENGTH (OWNER'S EXTRA)

L

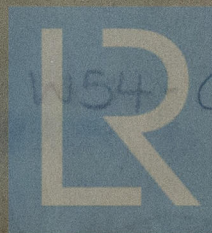
873

No 4

Lloyds approved. Midship Section  
received 16.1.19

No 1

"MAIMOA"  
NEWCASTLE ON TYNE.  
Report No. 73667.



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Lloyd's Register  
Foundation