

LLOYDS DIMENSIONS.

MIDSHIP SECTION

SCALE 1/2 INCH = 1 FOOT.

DIMENSIONS 330'-1" x 46'-0" x 24'-4" M^{LD} x 21'-11" DEPTH OF HOLD.

TO CLASS AT LLOYDS. 100A1. THREE DECK RULE, WITH NORMAL FREEBOARD.

NUMERALS.

| | |
|------------------------|-------|
| HALF GIRTH | 43.75 |
| BREADTH | 22.91 |
| DEPTH | 25.29 |
| DEDUCT | 7.0 |
| FRAMEN ^o | 89 |
| PLATING N ^o | 28200 |

ERECTIONS.

| | |
|------------|-------------|
| POOP | 28'-0" |
| BRIDGE | 166'-0" |
| FORECASTLE | 34'-3 1/2" |
| TOTAL | 228'-3 1/2" |

EQUIPMENT NUMERAL

| | |
|-----------|-----------------------|
| ERECTIONS | 228.29 x 30186 = 2623 |
| | 2623 + 30186 = 32809 |
| | 32809 = U. |

BRIDGE DECK.

IRON DECK 5/16" IN WAY OF HATCHWAYS & CASINGS. BUTTS, DOUBLE RIVETED

BRIDGE BEAMS 6" x 8" BULB ANGLE ON EVERY FRAME
 HALF 6" x 8" BULB ANGLE
 HATCH END 6" x 8" BULB, 1 ANGLE 6" x 4" x 10"

UPPER DECK OF IRON, 7/16" TO 9/16" WHERE EXPOSED.
 STEEL 3/16" TO 1/2" WHERE COVERED BY ERECTIONS.
 INCREASED 1/2" IRON OR 3/16" STEEL IN WAY OF HATCHES.
 BUTTS LAPPED & DOUBLE RIVETED FOR 1/2 LENGTH, SINGLE AT ENDS.

EQUIPMENT

| | |
|---|----------|
| 2 STOCKLESS BOWERS | 45 - 2-0 |
| 1 STREAM ANCHOR EX STOCK | 38 - 0-0 |
| 1 KEDGE ANCHOR | 11 - 1-0 |
| 270 FATHOMS OF 1 1/8" STUD CHAIN CABLE | 5 - 2-0 |
| 90 - 1 1/8" STREAM CHAIN OR 4 1/2" STEEL WIRE | |
| 100 - 12" HEMP TOWLINE | |
| TWO 30' LENGTHS OF T-HAWSER | |
| TWO 30' - 6" WARP | |

RIVETING.

SHELL BUTTS QUADRUPLE RIVETED LAPS FOR 1/2 LENGTH, 5 WHERE OVER RULE WIDTH.
 WITH 4 COMPLETE ROWS OF RIVETS 4 DIA APART, TREBLE RIVETED LAPS AT ENDS. RIVETS 3 1/2 DIA APART.
 THE RIVETS IN BUTTS OF SHELLY DECK STRINGERS SPACED 3 1/2 DIA APART.
 (EXCEPT IN QUADRUPLE RIVETED LAPS BUTTS). IN BEAMS 4 1/2 DIA APART.
 BEFORE THE 1/5 LENGTH, THE RIVETS OF THE BEAMS OF THE STRAKES OF PLATING FORMING
 THE FLAT OF THE BOTTOM SPACED NOT MORE THAN 4 DIA APART, & THE RIVETS IN THE
 PLATING & FRAMES IN WAY OF SAME SPACED NOT MORE THAN 5 1/2 DIA.
 RIVETS IN THE BUTTS OF POOP, BRIDGE & FORECASTLE SIDE PLATING SPACED 3 1/2 DIA APART.

SECTION IN HOLDS.

SECTION UNDER BOILERS.

SECTION UNDER ENGINES.

3 1/2" x 1/2" MOULDING
 BULB ANGLE GAIL
 5 1/2" x 3/4"

STRINGER 4 1/2" x 7/16" FOR 1/2 LENGTH, 3 1/2" x 7/16" AT ENDS.
 1/2" IN WAY OF BRIDGE, ADD 3/16" FOR 1/2 LENGTH, TABLE 6" x 1/2"
 BUTTS LAPPED & TREBLE RIV. FOR 1/2 LENGTH, DOUBLE AT ENDS.

BEAMS ON ALTERNATE FRAMES = BULB 10" x 10", 2 ANGLES 3 1/2" x 3 1/2" x 10"
 BEAMS AT HATCH ENDS 11 1/2" x 10", BULB, 1 ANGLE 6" x 4" x 10"
 HALF BEAMS IN WAY OF OPENINGS 7 1/2" x 10", BULB ANGLE 6" x 4" x 10"

MAIN FRAMES 5 1/2" x 3/4" FOR 1/2 LENGTH, TO 5 1/2" x 3/4" AT ENDS, SPACED 24" APART.
 REVERSE FRAMES 4 1/2" x 3/4" THROUGHOUT EXTENDING TO UPPER DECK ON EVERY FRAME.
 TO FORECASTLE DECK ON ALTERNATE FRAMES IN WAY OF FORECASTLE.
 DOUBLE IN ENGINE & BOILER SPACE ACROSS TOP OF FLOORS.

FRAME BOTTOMS TO BE DOUBLED BETWEEN COLLISION BULKHEADS 1/2 LENGTH FORWARD.
 BULKHEADS LOWER HALF 1/2, UPPER HALF 1/2, STIFFENERS 3 1/2" x 1/2", BULB ANGLE 3 1/2" x 1/2"
 RUDDER SINGLE PLATE TYPE, HEAD 8 1/2" DIA, RIVETS 4 1/2" DIA, KEEL 6" DIA, PLATE 1/2".

STRINGER PLATE 60" x 1/2" TO 38" x 1/2"
 BULB ANGLE ON FACE 11" x 3 1/2" x 10" TO 30"

PLATE BEAM 12" x 1/2", 4 ANGLES 5 1/2" x 7" x 10"

CENTRE GIRDER 40" x 1/2" TO 1/2" AT ENDS, 1/2" UNDER BOILERS, STRAPS 9" x 1/2"
 BUTTS DOUBLE STRAPPED & TREBLE RIVETED WITH ALTERNATE RIVETS IN BACK ROW OMITTED.
 MARGIN PLATE 30" x 1/2", 1/2" UNDER BOILERS, DOUBLE RIVETED LAP BUTTS THROUGHOUT.
 INNER BOTTOM CENTRE STRAKE 5 1/2" x 1/2" FOR 1/2 LENGTH, 1/2" AT ENDS, 1/2" UNDER BOILERS.
 BUTTS & EDGES DOUBLE RIVETED THROUGHOUT.
 IN HOLD 1/2, IN ENGINE ROOM 1/2, IN BOILER ROOM 1/2.
 BUTTS DOUBLE RIVETED FOR 1/2 LENGTH, SINGLE AT ENDS, BEAMS SINGLE RIVETED.
 RIVETS IN BUTTS & BEAMS OF INNER BOTTOM PLATING & BUTTS OF GIRDER SPACED 4 DIA APART.
 ADDITIONAL INTERCOSTAL KEELSONS OF HALF THE DEPTH OF CENTRE GIRDER
 TO BE FITTED IN THE DOUBLE BOTTOM FORWARD OF THE 1/5 LENGTH.

STERN POST, 11" x 6"
 STEM BAR, 10 1/2" x 2 1/4"

COMPENSATION FOR OMISSION OF KEEL DOUBLING.
 1/20 FOR 1/2 LENGTH ON KEEL PLATE.
 1/20 FOR 1/2 - - - GARBAGE STRAKES
 1/20 FOR 1/2 - - - GIRDER BOTTOM ANGLES.

1 RIVETS IN KEEL PLATE IN LIEU OF 1 1/2"
 IN VIEW OF CLOSER FIT & BETTER RIVETING.

B & C STRAKES HAVE THEIR MIDSHIP THICKNESS
 MAINTAINED FORWARD TO COLLISION BULKHEAD.

N^o 414.

Lloyd's Register
 Foundation

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Ropner & Son

S/S 414

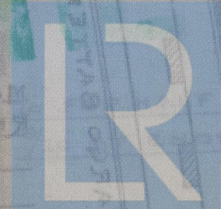
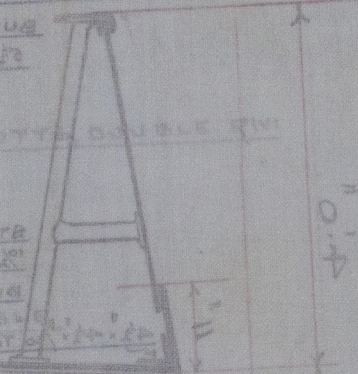
"Blacktor"

Midship Section

Suez Canal to SS 409
Gibraltar

Last Entry Report Plan

Math 7 & Rpt No 4111



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