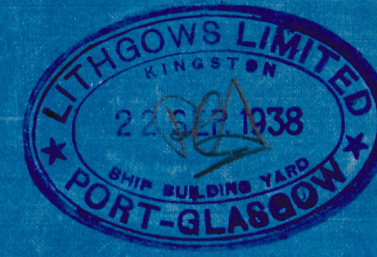


MIDSHIP SECTION

S.S. "COULTARN"



SCALE 1/2" = 1 FOOT

TO CLASS 100 A.I. WITH FREEBOARD AT LLOYD'S SPECIAL SURVEY COMPLETE SUPERSTRUCTURE

VESSEL WITH TONNAGE OPENING

DIMENSIONS :- 385'-0" B.P. x 53'-0" M.P. x 25'-0" M.P. TO SECOND DECK x 33'-6" M.P. TO UPPER DECK

- LLOYD'S NUMERALS -

FIRST LONGITUDINAL NUMBER L x D = 385.0 x 25.0	= 12875.0
SECOND LONGITUDINAL NUMBER L x (B + D) = 385.0 x (53.0 + 25.0)	= 33302.5
D MOULDED DEPTH = 25.0	= 25.0
L/D TO UPPER DECK = 385.0 ÷ 25.0	= 15.4
d = 25.0 - (2.0 + 4.0)	= 21.0

EQUIPMENT NUMBER

SECOND LONGITUDINAL NUMBER 385.0 x (53.0 + 25.0)	= 33302.5
FORECASTLE 32.0 x 6.0 x 7/4	= 144.0
MIDSHIP CASIN & SIDEHOUSE 57.0 x 7.0 x 1/2	= 199.5
SALOON HOUSE 20.5 x 8.0 x 1/2	= 80.0
EQUIPMENT NUMBER	= 33736.0

EQUIPMENT

2 BOWER ANCHORS 60 CWTs EACH STOCKLESS	
1 BOWER ANCHOR 50 1/2 CWTs STOCKLESS	
1 STREAM ANCHOR 16 1/4 CWTs EX - STOCK	
270 FATHOMS 2 3/8" STUD CHAIN CABLE 645 1/4 CWTs	
90 FATHOMS 1 1/2" STUD CHAIN CABLE 6 3/4" FLEXIBLE STEEL WIRE 6" x 12	
120 FATHOMS 1 1/4" FLEXIBLE STEEL WIRE 6" x 12	
2 HANGERS 90 FATHOMS 2 3/4" FLEXIBLE STEEL WIRE 6" x 12	
8 WARPS 90 FATHOMS 2 1/2" FLEXIBLE STEEL WIRE 6" x 12	

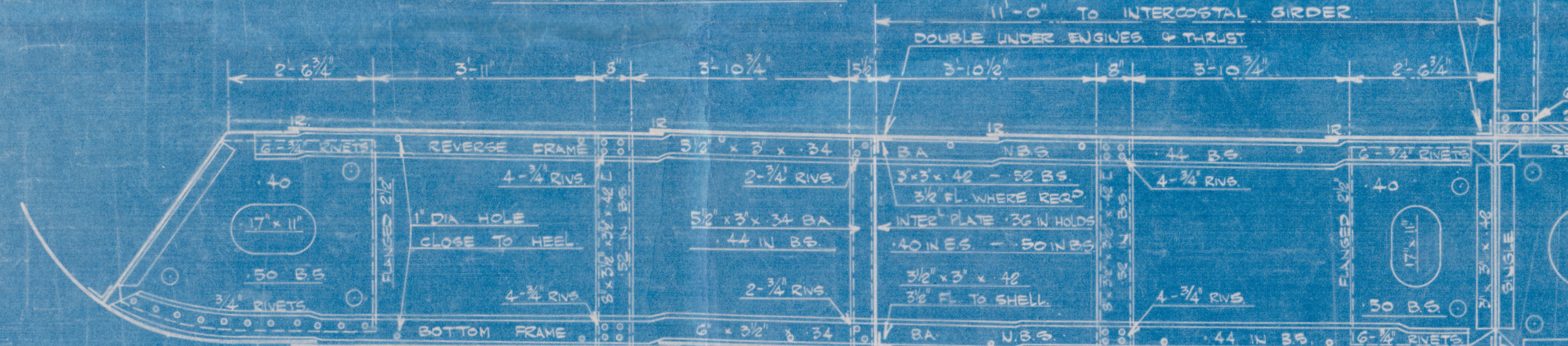
- RIVETING NOTE -

RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES IN AFT PEAK SPACED 5 DIAS APART CR TO CR.
RIVETS IN FRAMES TO SHELL AT PLAT OF DOUBLE BOTTOM FOR 1/2 HALF LENGTH FOR 2 SPACED 5 1/2 DIAS (TWO COMPLETE ROWS).
RIVETS IN FRAMES TO FLOORS AT PLAT OF DOUBLE BOTTOM FOR 1/2 HALF LENGTH FOR 2 SPACED 6 1/4 DIAS (TWO COMPLETE ROWS).
RIVETS IN SIDE FRAMES TO SHELL SPACED 6 1/4 DIAS APART 1/2 DIAS APART IN WAY OF FORE & AFT PEAK TANKS AND DEEP FRAMING FORWARD.
RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FORWARD SPACED 7 DIAS APART CR TO CR.
RIVETS IN 3R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3/2 DIAS APART CR TO CR.
RIVETS IN 4R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAS APART CR TO CR.
RIVETS IN SEAMS OF SHELL PLATING, DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40.
RIVETS IN BUTTS OF DECK PLATING, INNER BOTTOM AND MARGIN PLATING SPACED 4 DIAS APART CR TO CR.
RIVETS IN SEAMS AND BUTTS OF BULKHEAD AND TUNNEL PLATING, MARGIN ANGLES & WEATHER DECK STRINGER ANGLES AND BULKHEAD FRAMES TO BULKHEADS SPACED 4 1/2 DIAS APART CR TO CR.
RIVETS IN PLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER AND SHELL FLANGE OF WATERTIGHT BULKHEAD FRAMES SPACED 5 DIAS APART CR TO CR.
RIVETS IN FRAMES TO FLOOR AFT 1/2 LEN FORWARD, REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING, VERTICAL ANGLES TO FLOORS AND SIDE GIRDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK BULKHEADS) AND IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAS APART CR TO CR.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIAS APART CR TO CR. NON-WATERTIGHT.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIAS APART CR TO CR. WATERTIGHT.

STEENPOST :- 10 1/2" x 7"
RUDDER POST :- 10 1/2" x 7"
STEM :- 9" x 8"

CENTRE GIRDER
TO RULE 4 1/2" x 52 FOR 1/2 LEN 28" TO 44 AT ENDS.
FITTED 45" x 48 FOR 1/2 LEN 28" TO 44 AT ENDS.
52 IN B.S. SPACED 5 1/2 CR TO CR.
VERTICAL ANGLES 3 1/2" x 48 SINGLE - 52 IN B.S.
5" x 5" x 42 SINGLES UNDER ENGINE SPACE & THRUST SEATING 5" x 5" x 52 UNDER BOILER BEARERS.

ADDITIONAL SIDE GIRDERS IN WAY OF ENGINE AND THRUST SEATING.



SPECIAL PLAN OF BOTTOM STRENGTHENING FORWARD TO BE SUBMITTED LATER.

DISPOSITION OF FLOORS

SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE AND FORWARD 1/2 LENGTH FORWARD UNDER BOILER BEARERS & BULKHEADS. PARTIAL SOLID UNDER THRUST. ELSEWHERE SOLID FLOOR ON EVERY FOURTH FRAME. BRACKET FLOORS INTERMEDIATE.

KEEL OUT

50" x 78 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR TO 3R AT ENDS.

A' IN

5 1/2" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

B' CLINKER

33" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

C' OUT

33" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

D' IN

75" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

MARGIN PLATE TO RULE 39 1/4" FITTED ABOUT

45" x 50 - 52 IN B.S. BUTTS LAPPED 5 CR THROUGHOUT.

SCANTLINGS AND DETAILS OF CONSTRUCTION NOTED HEREON ARE SUBMITTED ON THE UNDERSTANDING THAT THEY ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR CLASS. ERRORS AND OMISSIONS EXCEPTED.

UPPER DECK PLATING TO BE INCREASED AFT 3 FOR 2 WHERE TWEEN DECK EXCEEDS 8'-6" SEE PROFILE & DECK PLAN.

FOR DECK PLATING SEE PROFILE & DECK PLAN.

FORECASTLE, STRINGER PLATE 34" x 34 BUTTS 1R. STRINGER ANGLE 3 1/2" x 3 1/2" x 34. DECK PLATING 32 UNSHEATHED BUTTS LAPPED 5 CR. SIDE PLATING 38 SEAMS & BUTTS 1R. BEAMS ON EVERY FRAME AS PER PROFILE & DECK PLAN.

J' OUT

TO RULE 50" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

H' IN

TO RULE 50" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

G' OUT

TO RULE 50" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

F' IN

82 1/4" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

E' OUT

81 1/4" x 50 FOR 1/2 LEN 28" TO 44 AT ENDS. BUTTS LAPPED 5 CR.

BULB KEEL

6 1/2" x 50 TIE RAIL 5 3/4" x 40 BULB PLATE FORMING 9" KEEL.

RETAIN

MIDSHIP SECTION, AS BUILT. ✓

MESSRS. LITHGOWS LIMITED

Nº 913.

S.S. "COULTARN"

GRK 1ST ENTRY REPORT Nº 20634.

RETAIN