

# MIDSHIP SECTION

## S.S. N° 704

DIMENSIONS 385'-0" B.P. x 51'-9" M<sup>LD</sup> - 52'-0" EXT. x 29'-0" M<sup>LD</sup>

TO CLASS 100 A.1 AT LLOYDS SPECIAL SURVEY

SCALE 1/2" INCH = ONE FOOT

BRIDGE 110' 5" x 8' 0"

THE SCANTLINGS & DETAILS OF CONSTRUCTION NOTED HEREON ARE SUBMITTED ON THE UNDERSTANDING THAT THEY ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR CLASS AND IF NOT THEY ARE TO BE AMENDED, ERRORS & OMISSIONS EXCEPTED

### EQUIPMENT NUMBER

LONGITUDINAL NUMBER = 31088-45  
FORECASTLE 47' 0" 8' 0" 1/2" = 382-00  
BRIDGE 110' 5" 8' 0" 1/2" = 663-00  
POOP 14' 25" 8' 0" 1/2" = 205-50  
HOUSES 21' 00" 18' 00" 19' 00" 4' 45" = 288-76

EQUIPMENT NUMBER = 32528-01

### EQUIPMENT

2 BOWER ANCHORS 48 CWT EX. STOCK  
1 HOB  
1 STREAM 16 1/2"  
1 HEDGE 7  
270 FATHOMS 2 1/2" STUD CHAIN CABLE 6 1/2" 3-0  
90 1 1/2" STREAM CHAIN OR 1 1/2" STEEL WIRE  
120 1 1/2" TOW LINE OR 1 1/2"  
2 WARPS @ 8 90 FATHOMS EACH 2 1/2"  
2 7 90 2 1/2"

### SECTION OF FRAMING

### ADDITIONS OVER RULE

TANK FLOORS FOR 8 SPACES UNDER BOILERS INTERCOSTALS & TANK TOP PLATING UNDER BOILERS TO BE INCREASED 0.05 OVER RULE KEEL PLATES TO BE OVERLAPPED PLATING BETWEEN BOWER CHAINS & BRIDGE HOUSE ON BRIDGE DE INCREASED 0.5

CENTRE STRAKE 7 1/2" 50 FOR 1/2 LEN. TO 40 AT ENDS. 56 IN BOILER SPACE. BUTTS LAPPED & 3R AT ENDS.

38 1/2" 50 FOR 1/2 LEN. TO 38 1/2" 48 AT ENDS. 60 IN B. SPACE. CENTRE GIRDER 42 1/2" 50 FOR 1/2 LEN. TO 40 AT ENDS. 60 IN BOILER SPACE. BUTTS LAPPED & 3R.

44 1/2" 60 FOR 1/2 LEN. TO 44 1/2" 56 AT ENDS.

HEEL 47 1/2" 98 FOR 1/2 LEN. TO 40 AT ENDS. BUTTS LAPPED & 3R. 16 LAPS WITH 18 RIVETS THRO BOTTOM ANGLES & KEEL 5 DIA 1/2" APART CTS TO CS. 1 1/2" RIVETS IN BUTTS.

A IN 63 1/2" 62 FOR 1/2 LEN. TO 40 AT ENDS.

B OUT 64 1/2" 62 FOR 1/2 LEN. TO 40 AT ENDS.

C IN 64 1/2" 62 FOR 1/2 LEN. TO 40 AT ENDS.

D OUT 64 1/2" 62 FOR 1/2 LEN. TO 40 AT ENDS.

E IN 64 1/2" 62 FOR 1/2 LEN. TO 40 AT ENDS.

MARGIN PLATE 11 1/2" 146 FOR 1/2 LEN. TO 40 AT ENDS. 56 IN BOILER SPACE. BUTTS LAPPED & 3R FOR 1/2 LEN. TO 38 AT ENDS. MARGIN ANGLE 3 1/2" 3 1/2" 40.

MIDSHIP THICKNESS CARRIED TO COLLISION BULKHEAD BUTTS LAPPED & 3R FOR 1/2 LEN. IN WAY OF DOUBLE BOTTOM & 1/2" FOR 1/2 LEN. TO 38 AT ENDS WHERE CLEAR OF DOUBLE BOTTOM 3 STRAKES OF BOTTOM PLATING INCREASED 0.2 IN VIEW OF FRAME SPACING. BOTTOM PLATING IN WAY OF DOUBLE BOTTOM REDUCED 0.1. WT FLOORS TO HAVE STIFFENERS BETWEEN GIRDERS WHERE DISTANCE EXCEEDS 6'-0"

NOTE: WHERE BUTTS OF SHELL PLATING OVER 7 1/2" BROAD AN ADDITIONAL ROW OF RIVETS TO BE FITTED OVER RULE WITH RIVETS IN CENTER ROW 1/2" DIA. 1 1/2" APART. 1 1/2" IN SPACES.

WELL SCANTLINGS EXTENDING INTO BRIDGE FOR 1/3 BREADTH OF VESSEL

F.G. & H. STRAKES INCREASED 0.1 IN LEU OF SIDE STRINGERS

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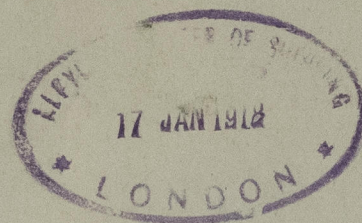


Russell Co no 704

Midship Section

88 'Ardgay'

hh Rpt no 17239



RETAIN

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