

MIDSHIP SECTION

LLOYDS DIMENSIONS.

LENGTH FROM AFT PART OF STEM TO FORE PART OF STERN POST 313' 2"
BREADTH MOULDED 46' 3 1/2"
DEPTH ASSUMING 1/2" ROUND OF BEAM 23' 1 1/2"
13.54 DEPTHS IN LENGTH = 13-14.
6.76 BREADTHS IN LENGTH

SCALE 1/2 INCH = 1 FOOT.

DIMENSIONS 315' x 46' 6" x 22' 2" MOULDED.

TO CLASS AT LLOYDS 100A1 STEEL 20th RULE TRUNK D

POOP BEAMS 7 1/2 x 3 x 9/20 BULB ANGLES 4'-0" APART.
SIDE PLATING 7/20
DECK YELLOW PINE 5' x 3'
FORECASTLE BEAMS BULB ANGLES 8' 3 x 1/20, 4'-0" APART.
SIDE PLATING 7/20
DECK PITCH PINE 5' x 3 1/2"

ERECTOR (ON LLOYDS LENGTH)
POOP 28' 0"
BRIDGE 60' 0"
FOOT 31' 2"

1/2 GIRTH 42.75
1/2 BREADTH 23.15
DEPTH 23.12 ASS 11 1/2
89.02 x 313.16 = 27877.82
ADD 1/2 = 3484
31361 = 30020 FOR EQUIPMENT.
32820

IRON TRUNK ON 1/4 FOR 1/2 L. 1/16 AT ENDS
6 x 3 x 9/20 ANGLES 2'-4" APART.
HATCH END BEAMS 7 x 3 x 9/20 B.A.
EDGE FLANGED OVER 3"
18' 0" TRUNK.
STEEL 9/20
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1/20 WEB AT EACH STRINGER BEAM.
5' 3 1/2 x 1/16 ANGLES 2'-4" APART.
3 x 3 x 7/20 ANGLE TO TACKS. BOARDS.

IRON ON 1/4 FOR 1/2 L. 1/16 AT ENDS
A ANGLES 5' 4 x 9/20
THROUGH BEAMS AS PROFILE PLATE 11 1/2 x 1/20
4 x 3 1/2 x 9/20
CARGO BATTENS 6 x 2'
SINTERCOSTAL SIDE STRINGERS 20 x 1/20 TO 7/20
ANGLES 4 x 3 1/2 x 9/20
DIAMOND PLATES 34 x 26 x 8 1/20
WEBS 20 x 8 1/20
2 8 x 4 x 1/20 CHANNELS BACK TO BACK.

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FRAMES 4C.
MAIN FRAMES 5 1/2 x 3 1/2 x 9/20 FOR 1/2 L. TO 5 1/2 x 3 1/2 x 9/20 AT ENDS. SPACED 2'-4" APART
REVERSED FRAMES 4 x 3 1/2 x 9/20 THROUGHOUT. ALL EXTENDING TO MAIN DECK.
TO MAIN 4' FLOOR, DECK ALTERNATELY
IN WAY OF FORECASTLE. DOUBLE IN K & B SPACE ACROSS TOP OF FLOORS.
BULKHEADS LOWER HALF 7/20, UPPER HALF 9/20

RIVETING.
BUTTS OF MAIN DECK STRINGER PLATE. LAPPED & TREBLE RIVETED FOR 3/4 L. DOUBLE AT ENDS.
SHELL BUTTSTRIPS TREBLE RIVETED FOR 3/4 L. DOUBLE AT ENDS, WITH STRIPS 7/20 THICKER FOR 1/2 L.
7/20 THICKER AT ENDS, OR LAPPED & TREBLE RIVETED THROUGHOUT WITH 3 COMPLETE ROWS OF RIVETS 5/8 DIAM APART.
RIVETS IN BUTTS OF SHELL & DECK STRINGER. SPACED 3 1/2 DIAM (BACK ROW 5'-5 1/2 IN BUTTSTRIPS, STRINGER LAP BUTTS)
RIVETS IN BEAMS OF SHELL & DECK STRINGERS SPACED 4'-4 1/2 DIAM, ELSEWHERE IN BUTTS 4'-4 1/2 DIAM
RIVETS IN BUTTS & BEAMS OF INNER BOTTOM PLATING & BUTTS OF GIRDER SPACED 4' DIAM.

DOUBLE BOTTOM.
CENTRE GIRDER 40' 10"
BUTTS DOUBLE STRAPPED & TREBLE RIVETED WITH ALTERNATE RIVET IN BACK ROW OMITTED.
MARGIN PLATE 9/20. DOUBLE RIVETED LAP BUTTS THROUGHOUT.
FLOORS & SIDE GIRDERS IN ENGINE SPACE & HOLDS 7/16, IN BOILER SPACE 9/16
INNER BOTTOM CENTRE STRAKE 7/16 FOR 3/4 L. 9/16 AT ENDS, 1/16 UNDER BOILERS, BUTTS & EDGES DOUBLE RIV THROUGHOUT
INNER BOTTOM 7/16, IN ENGINE SPACE, 9/16 IN HOLDS, 1/16 IN BOILER SPACE, BUTTS DOUBLE 3/4 L, SINGLE AT ENDS.

NOTE: THE FOLLOWING PARTS OF DOUBLE BOTTOM INCREASED 1/4 OR 1/20 IN BOILER SPACE, VIZ: MARGIN P, TANK TOP FLOORS & INTERCOSTALS, LUGS, REVERSE BARS, TOP ANGLES ON GIRDERS.

FORGINGS
SCREEN FRAME 11 x 6"
STEM 11 x 2 7/8"
RUDDER HEAD 8 1/2" HEEL 6 1/2 x 4 1/2 PINTLES 4 1/2"
ADD 1/3 FOR SINGLE PLATE RUDDER.

ANCHORS, CHAINS & C (U)
2 STOCKLESS BOWERS 45' 2' 0"
1 " " 39' 0' 0"
1 STREAM ANCHOR EX STOCK 11' 1' 0"
1 KEDGE ANCHOR, EX STOCK 5' 2' 0"

210 FATHOMS OF 1 1/2" STUD CHAIN CABLE.
90 " " 1 1/4" STREAM CHAIN OR 4 1/2" STEEL WIRE.
100 " " 12 HEMP TONLINE OR 4 " "
90 " " 10" HAWSER OR 3 3/4 " "
90 " " 8 1/2" WARP OR 2 7/8 " "

COMPENSATION FOR OMISSION OF KEEL DOUBLING.
1/20 FOR 1/2 L. ON FLAT PLATE KEEL
7/20 " " " GARBOARD STRAKES.

THESE STRAKES QUADRUPLE RIVETED ON ACCOUNT OF THEIR BREADTH, WHERE IN EXCESS OF RULES.

Nº 355.

ROPER & SON
IRON & STEEL
24 FEB 1899
SHIP BUILDERS
STOCKTON-ON-TEES

Lloyd's Register
Foundation

MOB761-0110

Midship Section
Roamer Tons
No 355

S.S. Woodford

Now Roamer No 2535

sister vessel to
S.S. Greenwich
b. dt. 1880.



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