

MIDSHIP SECTION.

S.S. No 260.

SCALE 1/2" = 1 FOOT.

POOP 34.0 BRIDGE 105.0 FOLE 35.0 x 8.0.

BRIDGE DECK PLATING 1/2" - 36 WITHIN LINE OF OPENINGS.
BUTTS DOUBLE RIVETTED
POOP DECK 30 SHEATHED. FORECASTLE DECK 34.

SKEER STRAKE 50 x 84
BUTTS TREBLE RIV
POOP SIDES 38
FOLE DO 40

SHELL 58
BUTTS TREBLE RIV

SKEER STRAKE 50 x 84 FROM
WITHIN BRIDGE TO 1/2 LENGTH TO
45 AT ENDS. 62 IN BRIDGE.
BUTTS FROM WITHIN BRIDGE TO 1/2
LEN QUAD RIV TREBLE AT ENDS.
BUTTS IN BRIDGE TREBLE RIV
SKEER STRAKE DOUBLED
AT BRIDGE ENDS 60
See Profile

72 FROM WITHIN BRIDGE TO
1/2 LENGTH TO 45 AT ENDS.
62 IN BRIDGE

SHELL 62 TO 45
BUTTS TREBLE RIV.

SHELL 62 TO 45
BUTTS TREBLE RIV

SHELL 62 TO 45
BUTTS TREBLE RIV

SHELL 62 TO 45
BUTTS TREBLE RIV

SHELL 62 TO 47
BUTTS QUAD RIV

TEE BAR 6.4 x 50
BULB 10 x 50

SOLID FLOORS FITTED ON EVERY 3rd FRAME WITH SKELETON FLOORS BETWEEN
DO FRAME UNDER ENGINES, BOILER BEARERS,
DO THRUST BLOCK & FOR OF 3/5 LENGTH.

BRIDGE DECK.
UNDER 52.0

UPPER DECK.
UNDER 54.0

BRIDGE DECK BEAMS OF BULB ANGLES 6 1/2 x 3 1/2 ON EVERY FRAME 3 ROW SIDE
POOP DO 7 1/2 x 3 1/2 DO 1 DO
FORECASTLE DO 7 1/2 x 3 1/2 ON ALT FRAMES 3 DO
HALF BEAMS IN WAY OF SPACE 7 1/2 x 3 1/2 BULB ANGLES

HATCH WEL PLATES 1 1/2 x 36
DOUBLE ANGLES 4 x 3 1/2

BEAMS OF BULB ANGLES 7 x 3 1/2 ON EVERY FRAME 3 ROW SIDE
HALF BEAMS DO 7 x 3 1/2 IN WAY OF EYB CASING

PRINCIPAL DIMENSIONS.

LENGTH 395.0
BREADTH EX 54.0
DEPTH M 31.6

LENGTH 395.0 x 31.6 M² DEPTH 12442 = 1st numeral
BREADTH M 53.75
DEPTH M 31.50
85.25 x 395.0 = 33673 = 2nd numeral

EQUIPMENT NUMBER 34904.

ANCHORS AND CHAINS.

2 BOWER ANCHORS STOCKLESS 63 CWT
1 DO DO 56
1 STREAM DO EX STOCK 17 1/2
270 FMS OF STUD LINK CHAIN CABLE 2 7/16
90 DO 1 1/2 STREAM CHAIN OR 4 3/4 S.N. HOPE
120 DO 1 1/2 HEMP HAWSER OR 5 DO
2-90 DO 8 DO 2 1/4 DO
2-90 DO 7 DO 2 1/4 DO

FRAMES OF CHANNELS 15 x 4 x 1/2 SPACED 30 APART
DO DO INCREASED .06 IN PERMIT BUNKERS & DEEP TANK
DO DO 15 x 4 x 1/2 FOR 3/5 LEN SPACED 24 APART
DO DO OF BULB ANGLES 8 x 3 1/2 x 40 IN PEAKS SPACED 24 APART
DO DO 7 1/2 x 3 1/2 x 40 IN BRIDGE ON ALT FRAMES
SCARPHED TO MAIN FRAMES 18
INTERMEDIATE FRAMES IN POOP 5 x 3 x 40 DO NOT ATTACHED
DO DO FOLE 5 1/2 x 3 x 40 DO SCARPHED OR BRACK

SHELL RIVETTING TO BE 7/8 ALL OVER EXCEPT KEEL, SHEER STRAKE
AND STRAKE BELOW.
RIVETS CONNECTING FRAMES TO SHELL PLATING 1/2 DIA APART EXCEPT
IN FORE & AFTER PEAKS, DEEP TANK, AND IN BOTTOM FOR OF 3/5
LENGTH 5/8 DIA APART.

See note re riveting of lower side plating

TANK TOP IN HOLDS 42 TO 38
DO DO E.S. 50
DO DO JS 56 IN TO 66 OWNERS REQ

CENTRE STRAKE 51 x 50 TO 42 56 B.S. RULE
DO DO DO PROPOSE 66 x 50 42 66 DO OWNERS REQ

WOOD CEILING LAID

REVERSE FRAME 3 1/2 x 3 1/2 x 42 32 IN JS DOUBLE IN E UNDER THRUST BLOCK & BOILER BEARERS
5 1/2 x 3 1/2 x 42
FLOOR PLATES 40 IN B.S. 50 IN TO 60
W.T. FLOORS EXCEPT IN B.S. 108 AND
STIFFENED WITH ANGLES 3 1/2 x 3 1/2 x 42 30 APART

EXTRA INT UNDER ENGINES
DO FROM 3/5 LENGTH TO COLLISION B.T.

5 x 5 x 30 x 44 IN B.S. 60 double 1/2 x 1/2 x 150 in E.R.
43 x 54 x 44 IN B.S. 60 IN TO 70 OWNERS REQ
SINGLE ANGLE 3 1/2 x 3 1/2 x 42 B.S. 56
double angled under machinery, space, thrust, & boiler bearers
SINGLE ANGLE 6 x 6 x 52 52 IN OR 5 LEN.

KEEL PLATE 50 x 73 FOR 3/5
LENGTH TO 69 AT ENDS BUTTS
QUAD RIV KEEL RIVETS 1 DIA 4 LAPS.

PROPELLER POST 10 1/2 x 7 1/4
RUDDER DO 9 x 7 1/4
STEM BAR 9 1/2 x 2 3/4

BARTRAM & SONS LTD
SKIPBUILDERS.

SUNDERLAND 1920

SUNDERLAND
MIDSHIP SECTION
MESSRS BARTRAM & SONS
YARD N° 260
SS. BADTESTAN^{St. Maria}

29691

005480-005488-0038



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