

MIDSHIP SECTION

SS. Nos 550-1

LTH B.P. 270'0" 38'0" EX. 37'9" M.P. 20'1" M.D. 14'3" R.Q.D.

CLASS 100 A.L. LLOYDS

SCALE 1/2" = 1 FOOT.

NUMERALS.

D	20.08
L-D	570'20.08
L(B+D)	270(37'15" + 20.08)
d	20'1" - 2'10" - 5'8"
1/2 UPPER Dk	270 + 20.08 - 13'11"
1/2 QUARTER Dk	270 + 24'35" - 11'09"
1/2 BRIDGE Dk	270 + 27'08" - 9'07"
L(B+D)	15014
POOP 20'59" x 7'5" x 15"	116
BRIDGE FILE 34'32" x 7' x 15"	180
R.Q.R. DECK 125'67" x 4'21"	536
CASINGS 53'16" x 7' x 5"	186
	16632 EQUIP. No

EQUIPMENT.

2 BOWER ANCHORS	33 CENTS EACH STOCKLESS
1 do	28 do
1 STREAM	8 1/2 do EX STOCK
240 FATHOMS	1 1/2 STUD CHAIN CABLE
15 do	1/2 STEEL WIRE STREAM
90 do	3/4 do TONLINE
2 90 do	6 HEMP OR 2 1/2 STEEL WIRE
2 90 do	5 do 1 1/4 do

SECTIONS TO BE LIMITED TO

3' 3" ANGLES
3 1/2 3/4
4' 3"
6' 3"
5' 5"
6' 3" BULB ANGLES
1' 3"
9' 3"
10' 3 1/2
10 1/2 3/4

POOP SIDE PLATING	1/2
BRIDGE	3/4
FORECASTLE	3/4

SHEERSTRAKE.

1/2" x 5/4 FOR 2 L. HOAT ENDS.
BUTTS AS PER RULE.

STRAKE BELOW SHEERSTRAKE.

1/2" x 5/4 FOR 2 L. HOAT ENDS.
INCREASED .02 TO THICKNESS
OF SIDE SHELL.

SIDE SHELL.

1/2 FOR 2 L. TO HOAT ENDS.
+ .06 FOR 20' SPACING.

BUTTS TREB RIV.

DOUBLE WHERE RULE TMS
IS 1/2 UNDER.

BOSS PLATE .50

PLATES ON STERN POST 1/2

SIDE SHELL JOGGLED.

FRAMING.

B.A. 10 1/2 x 3 1/2 x 1/5 RAISED Q.R. DECK.
10 1/2 x 3 1/2 x 1/6 IN B.S. & PERMANENT BUNKER.
10 1/2 x 3 1/2 x 1/52 B.A. IN DEEP TANK. No 550.
10 1/2 x 3 1/2 x 1/45 B.A. IN DEEP TANK. No 551.

DOUBLE BOTTOM.

CENTRE GIRDER 34 1/2 x 1/4 FOR 2 L. TO 30 AT ENDS. B.S. 5/4 BUTTS TREB RIV. TO DOUBLE AT ENDS.
MARGIN PLATE 1/2, B.S. 5/2, E.S. 1/4, BUTTS DOUBLE RIV. FORE & AFT.
FLOORS 33, B.S. 1/2 WITH VERTICAL STIFFS 3' x 3' x 30 IN VIEW OF INCREASED SPACING.
TANK END FLOORS (EXCEPT B.S.) 1/4, STIFFS 3' x 3' x 33, SPACED NOT MORE THAN 30' APART. 1/4 B.S.
TANK OUTSIDE KNEES 35" B.S. 1/2, E.S. 3/5
SIDE GIRDERS 33, B.S. 1/2, DOUBLE LUGS TO TANK TOP IN E.S. 3' x 3' x 32
TANK TOP CENTRE STRAKE 1/4 x 5/4 TO 52 IN HOLDS. B.S. 1/2 E.S. 1/4, BUTTS DOUBLE RIV. FORE & AFT.
PLATING 5/4 TO 52 IN HOLDS FOR GRAB DISCHARGE, B.S. 1/2 E.S. 1/4, BUTTS DOUBLE RIV. 2 L. SINGLE AT ENDS.
CENTRE GIRDER BOTTOM BARS 3 1/2 x 3 1/2 x 1/45 1/43 AT ENDS.
TOP 3' x 3' x 1/41, 1/40 " 51 1/2 B.S.
FLOOR REVERSE BARS 3' x 3' x 33, B.S. 1/2, DOUBLE 1/4 x 3' x 33 UNDER ENGINES & THRUST BLOCK, 3' x 3' x 1/43 B.S. 5' x 5' x 1/2 UNDER BOILER BEARERS.
TANK MARGIN BAR 3' x 3' x 1/41, 3 1/2 x 3 1/2 x 1/41 ENDS TO SUIT BEVEL.

CEILING OVER FRAME BKTS. ONLY.

EXTRA SIDE GIRDER UNDER ENGINES.
1/4 x 3' x 33 CONN. TO TANK TOP.

DOUBLE IN ENG. ROOM UNDER THRUST BLOCK.
4 BOILER BEARERS OR SINGLE 5' x 5' x 34 B.S. 1/2 WITH 2 COMPLETE ROWS OF RIVETS.

FRAMING.

9' x 3' x 36 B.A. WHERE 20' SPACING UPPER DECK .44 IN CROSS BUNKER.
9' x 3' x 38 27
10 1/2 x 3 1/2 x 56. AT FORE END IN LIEU OF WEB FRAMES.
6' x 3' x 30 B.A. IN PEAKS, SPACED 2' APART, WHERE CUT
AT W.T. PLAT. KNEES TO BE 18' x 32" W. 6 1/2 RIVS.
SEE PROFILE FOR FRAMING IN POOP BRIDGE & FORECASTLE.

FORGINGS.

STEM 1 1/2 x 2' REDUCED FROM LOAD LINE TO 1 1/2" OF AREA AT HEAD.
PROPELLOR POST 8' x 5' REDUCED FROM BOTTOM OF TRUNK TO 50% OF AREA AT HEAD.
RUDDER POST 1 1/2 x 5' 1/2, TRANSOM FLOOR 33' x 1/4.

SIDE SHELL.

1/2 FOR 2 L. TO HOAT ENDS.
+ .06 FOR 20' SPACING
+ .04 " 27"
BUTTS TREB RIV.
DOUBLE WHERE RULE TMS
1/2 UNDER.

BILGE KEEL 8' x 1/4 PLATE.
ANGLE 5' x 5' x 40

8966.
5507
61924

SUNDERLAND

MESSRS J. L. THOMPSON & SONS

S/S No. 550

MIDSHIP SECTION SHOWING
VESSEL AS BUILT

S/S "BYRNES"

SUNDERLAND RPT. NO. 29372



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002410-002417-0061
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