

- SCALE $\frac{1}{3} = 1$ FOOT -

Note: Shell increased 0.4' from Kild to Top Stringer from
No. 130 to Stm. (not included in Soze Shown)

Hatch Coatings, Cross Plates re. as per Profile

✓ $\cdot 76^\circ \text{ to } 56^\circ @ 36' \text{ spacing}$
✓ $\cdot 68^\circ \text{ to } 48^\circ @ 27'$

Note: - Shell Plating increased .04" from Keel to Top Stringer from No 13000 Stern (not included in size shown)

<u>Dimensions</u>	<u>Builders</u>	<u>Royds</u>	
Length Between Decks	465' 3" ✓	465' 10" ✓	34' 8"
Breadth Extreme	58' 2" ✓	57' 92" ✓	3' 11" Deck
Depth Main Deck	34' 8" ✓	34' 66" ✓	30' 9"
Drawover Sts	92' 58" ✓	92' 58" ✓	✓ 10' 6" Deck to
Longitudinal Sts	430' 58" 95" ✓		✓ 20' 3" = d
Yts in way of Long Bridges	10' 77" ✓		
Water Deck	13' 41" ✓		

Class 100 A. I. Lloyd

465.10 x 2.38 = 43058 95
 10679 x 7.75 x 5 = 620 71 Deep Deck
 171 0 x 8.5 x 5 = 1090 12 Bridge
 100-31 ~~94~~ 80 x 5 = 60196 ~~5556~~ 56 Yel
 920 x 7.0 x 5 = 322 00 Horse & Trainers
 58-0 7.0 x 5 = 203-0 ~~5556~~ 56 Staining 40 to aft

		(45846-69)
✓	2 Power Anchors (Shackles)	77 bolts each
✓	1 " "	62 "
✓	1 Strain (By Strake)	22 "
✓	1 Hidge	10 "
✓	300 Fathoms of Steel Chain Cable	2 1/2 "
✓	120 " Strain	1 1/2 or 5' Steel wire
✓	130 " Heavy Tow line	15 or 5 "
✓	100 " Ways 8 (24)	
✓	100 " 8 (24)	

Belt Angle frames without Run-in Bars = $12 \times 3\frac{1}{2} \times 68$ spaced 36" apart. $12 \times 3\frac{1}{2} \times 72$ from 17" to 8in inclusive in lieu of Web Frames
= $11\frac{1}{2} \times 3\frac{1}{2} \times 64$ (60 Ribs) or $12 \times 3\frac{1}{2} \times 56$ (52 Ribs) Spaced 27" apart from fore to aft; 76% of Collisions B Head.
= $9 \times 3\frac{1}{2} \times 46$ Spaced 24" apart at Inboard Peak & 8. $3\frac{1}{2} \times 50$ Belt Angles on Fore Deck (46 Ribs)
Upper to Prop Bridge Height = $7\frac{1}{2} \times 3\frac{1}{2} \times 40$ Bull Angle
Midship B Head Frames = $5 \times 5 \times 54$ Single Deck Bars = $4 \times 4 \times 35$ Single as per Profile
Belt Frames on Solid Floors $3\frac{1}{2} \times 3\frac{1}{2} \times 46$ for $\frac{3}{4}$, 4×4 at ends Double forward of $\frac{3}{4}$ L to Rib position of Collision B Head from margin to margin
= $8\frac{1}{2} \times 3\frac{1}{2} \times 44$ Bull Angle
Run = $8 \times 3 \times 44$
Double Run-in Bars in Engine Space from C/R bows 12' beyond Under rest outside of Engine Seating
on Floor and Bulw. Beams
Midship W. J. Heads $38 \times 60 \times 47.30$ in Even Deck Stiffs $10\frac{1}{2} \times 3\frac{1}{2} \times 60$ Bull Angle spaced 30" apart below 2nd A's and as per Profile.
A Head Stiffs in Even Deck $5 \times 3 \times 34$ Bull Angle spaced 30" apart. 2nd stiffport on Collision B Head with stiffports $2\frac{1}{2} \times 3 \times 34$ Angle.
Shut 11 128 to 10 + 28" attached. Rudders Foot = $9 \times 8\frac{1}{2}$. Rudder Port = $11 \times 8\frac{1}{2}$ midline riveted below Bars.
Sole Piece = $11\frac{1}{2} \times 10$ (Ribs $10\frac{1}{2} \times 10$). Rudders Head = $7\frac{1}{2}$ dia. heel = $8\frac{1}{2}$ dia. Ductile = $5\frac{1}{2}$ dia. (See Plan of Rudder).
So separate plan.

Frame rivets three Shell Plots of Bottom formed of $\frac{3}{4}$ L. = $5\frac{1}{2}$ dia. apart.
Three Frames Plating in way of 36" framing & 27" framing = $5\frac{1}{2}$ "
Deep Tank = $5\frac{1}{2}$ "
Floors & Crosses Plating in way of after Deck = 5 "

Sketch	Width	Built Raveling		Edge Raveling	
		5 L \emptyset	2 L \emptyset	Amidships	Streak
A	49	1/8 Raveling	1/8 Raveling	1/3	6 1/2
B	76	1 Raveling	1/2 Raveling	1	6 1/2
C					
D					
E					
F	72				
G					
H					
I					
J					
K					
L					
M	53 1/2				
N	46 1/2				
O	50 1/2				

$L_{\text{Shake}} = \frac{1}{8}$ Rivets, Double Straps fully riveted for $\frac{1}{2} L$, outside of bridge & quadruple straps overlap at ends.
 $M'' = \frac{1}{4}$ "
 $L.D.M. = \frac{1}{8}$ " $6\frac{3}{4}$ " lap for $\frac{1}{2} L$, outside of bridge.

— SECTION IN WAY OF BOILERS. —

Margin Plate 62
in Boiler Space

$$\frac{35 \times 36}{27 \frac{1}{2}}$$

45.

80 to 58 @ 36 Spacing
Flat Rail + 9 L. for $\frac{1}{2}$ L. to 80 at ends
Quintuple riveted overlaps for $\frac{1}{2}$ L. and

Note:- Floors on alternate frames except where required by Rules.

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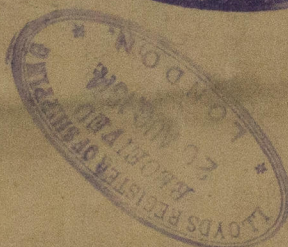
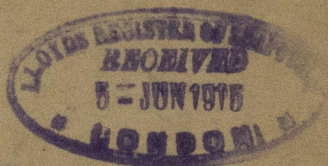
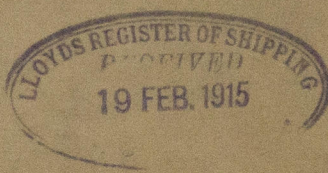
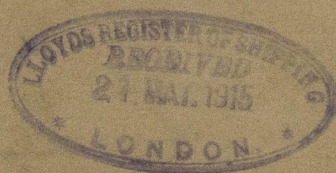
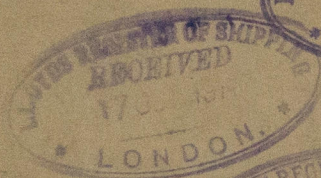
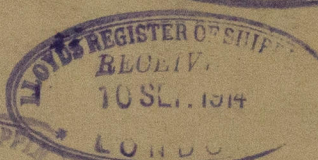
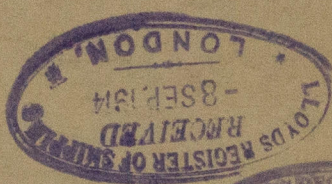
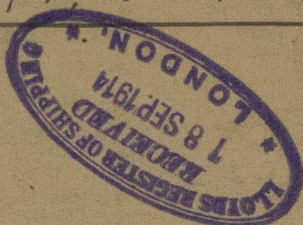
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Foundation

Midship Section.

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