

. DIMENSIONS.

LENGTH TWIST PERPENDICULARS	330' 0"	LENGTH PER RULE	328' 33"
BREADTH MOULDED	41' 0"	BREADTH	41' 00"
DEPTH IN HOLD TO FLOORS	26' 02"	DEPTH	20' 62"
BREADTHS IN LENGTH	8' 0"	DEPTHS IN LENGTH	15' 90"
NUMBERS FOR SCANTLING	-20 5 + 20 62 + 37 2 = 78' 32 x 328' 33 = 25714' 80		
NUMBERS FOR EQUIPMENT	-20 5 + 28 04 + 44' 62 = 93' 16 x 328' 33 = 30687' + $\left(\frac{18}{330} \times \frac{8}{8} \times 30687 = 1590\right) = 32187$		

• *GRADE 100 AI* •

SCALE $\frac{1}{2}$ IN = 7 FEET

EQUIPMENT.

- 2 BOWER ANCHORS. ROGER SMALL PALMED 10 # EX STOCK
1 " " " " " " 34
1 STREAM ANCHOR " " " " " " 11 1/2
1 KEDGE " " " " " " 5 1/2
270 FATHOMS 2" STUD CHAIN CABLE.
90 FATHOMS 1/4" STEEL WIRE IN LIEU OF STREAM CHAIN.

NOTE:- STRAKE NO 13. INCREASED $\frac{3}{20}$.
STRAKE NO 12. ----- $\frac{1}{20}$.
IN LIEU OF DOUBLING FOR $\frac{3}{4}$ LENGTH

HEIGHT OF ALTERNATE REVERSE FRAMES
CONNECTION PIECES $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{8}{20}$
No 11- $\frac{13}{20}$ TO $\frac{19}{20}$ $4 \times 4 \times \frac{9}{20}$

№ 10- 20 TO 20

№ 9- $\frac{12}{20}$ то

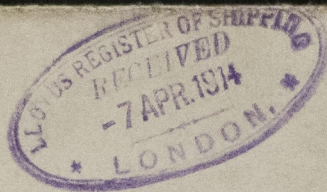
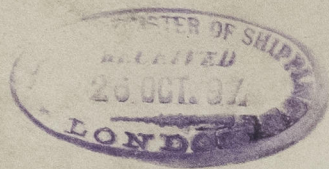
HEIGHT OF DOUBLE REVERSE BARS
IN ENGINE AND BOILER SPACE.

BUTTSTRAPS OF NO 2, TO 13, INCLUSIVE,
 $\frac{1}{10}$ THICKER THAN PLATES, FOR $\frac{1}{2}$ LENGTH AMIDSHIPS.
 20 THICKER AT ENDS.— TREBLE RIVETTED FOR $\frac{3}{4}$
 LENGTH AMIDSHIPS, DOUBLE RIVETTED AT ENDS.
 BUTTSTRAPS OF KEEL PLATES $\frac{3}{16}$ THICKER, FOR $\frac{1}{2}$
 LENGTH AMIDSHIPS.— $\frac{3}{16}$ THICKER AT ENDS,
 AND TREBLE RIVETTED THROUGHOUT.
 IN TREBLE RIVETTED STRAPS—BACK ROW SPACED
 5 TO 5½ DIAMETERS APART.
 NOTE.— WEB FRAMES, FLOORS, AND BRACKETS ETC
 TO HAVE 3" LAP AS SHEWN—THUS.

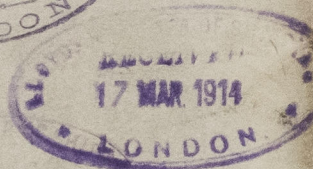
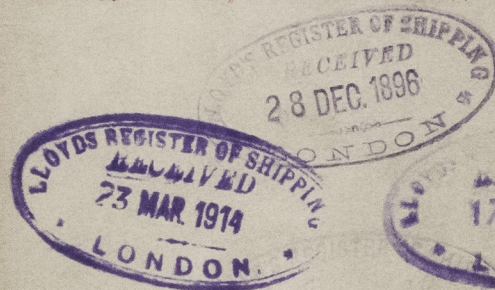
3"

WEB FRAME.

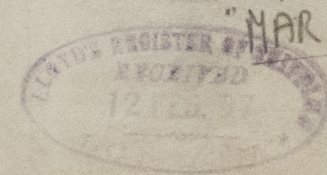
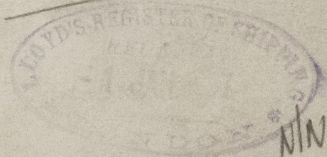
18"



Midship Section
of
Messrs Hall Russell's
S. S. no 303.
S. S. "Angeli"
Rpt no 5637.-Abn



now Challenger



NIN
"MAR CORROSCO"

ABNZ 0123



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