

N<sup>o</sup> 139  
MIDSHIP SECTION  
SCALE 1/2 INCH = 1 FOOT  
CLASS 100 A1 LLOYDS



PRINCIPLE DIMENSIONS

LENGTH OVER STEIN & STERNPOST @ UPPER DECK	638' 0"
BREADTH MOULDED	44' 0"
DEPTH TOP OF KEEL TO TOP OF UPPER DECK BEAM @ SIDE	26' 0"

NUMERALS

1 <sup>st</sup> N <sup>o</sup>	B + D	=	70
2 <sup>nd</sup> N <sup>o</sup>	L x (B + D)	=	28660
3 <sup>rd</sup> N <sup>o</sup>	L x D	=	1095
4 <sup>th</sup> N <sup>o</sup>	L x B	=	1095

FRAMING IN ENGINE & BOILER SPACE

EQUIPMENT ~ 26379

2 STOCKLESS ANCHORS	48" DIA EACH
1 STREAM	EX STOCK
1 HADGE	5 1/2"
270 FMS	2" STUD LINK CHAIN
90 "	1 1/2" STREAM
120 "	4" STEEL WIRE
4 - 90 FMS	7" HARP OR 2 1/2" STEEL WIRE

with Varnish covered to steel wire.

338	
172	
286	
138	

= 85% covered

1927	D = 26	14.45
	d = 15	16.5
		2.05
		8.5
		1.74
		14.45
		16.19 x 24 1/2 = 15.25
		26

to stringer

10.1	
11.5	
1.7	
1.45	
10.1	
11.5 x 24 1/2	10.9
26	

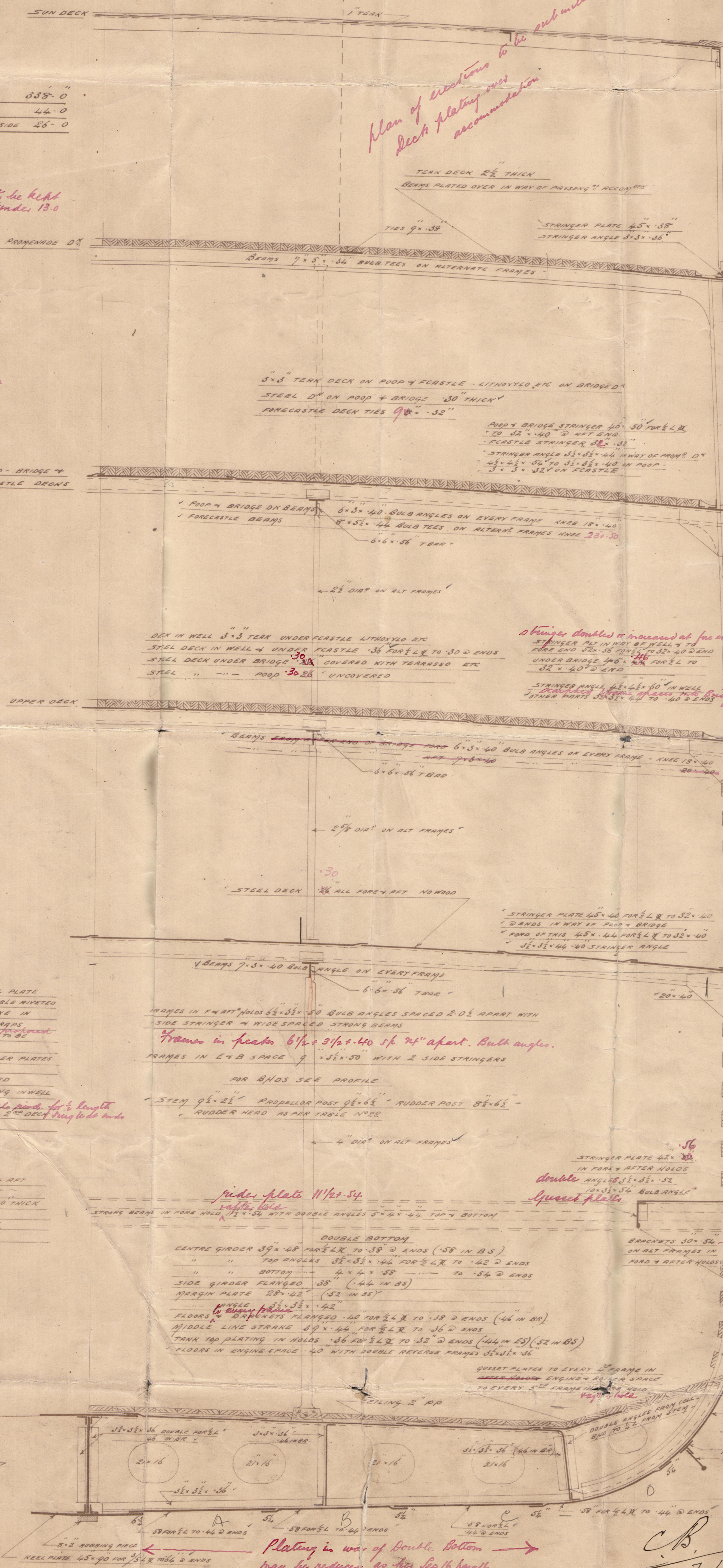
RIVETING

BUTTS OF SHELL PLATING (WITH THE EXCEPTION OF PLAT KEEL PLATE) OF UPPER DECK SHEERSTRAKE IN WAY OF WELL TO BE TREBLE RIVETED BUTTS OF PLAT KEEL PLATE & UPPER DECK SHEERSTRAKE IN WAY OF WELL TO BE DOUBLE RIVETED WITH BUTTSTRAIPS BUTTS OF SIDE PLATING OF PLAT KEEL & PROMENADE DECK TO BE DOUBLE RIVETED BUTTS OF POOP & BRIDGE UPPER & 2<sup>nd</sup> DECK STRINGER PLATES TREBLE RIVETED ALL FORE & AFT FORECASTLE & PROMENADE DECK STRINGER DOUBLE RIVETED BUTTS OF POOP & BRIDGE DECK ALSO UPPER DECK PLATING IN WELL TO BE DOUBLE RIVETED FOR 1/2 L SINGLE AT ENDS BUTTS OF UPPER DECK PLATING INSIDE BRIDGE DECK & 2<sup>nd</sup> DECK BRIDGE DECK PLATING TO BE SINGLE RIVETED ALL FORE & AFT

DOUBLE BOTTOM

BUTTS OF CENTRE GIRDER TREBLE RIVETED ALL FORE & AFT OF MARGIN PLATE OF MIDDLE LINE STRAKE TREBLE RIVETED WHEN 40 THICK IN OVER DOUBLE RIVETED WHEN UNDER BUTTS OF TANK TOP PLATING DOUBLE RIVETED FOR 1/2 L SINGLE RIVETED @ ENDS

ADDITIONAL GIRDER IN ENGINE ROOM



Plan of sections to be cut in midship  
Deck plating over accommodation

TEAK DECK 2 1/2" THICK  
BEAMS PLATED OVER IN WAY OF PASSAGE ACCORDING

1103 9" x 38"  
STRONGER PLATE 45" x 38"  
STRONGER ANGLE 5 1/2" x 38"

5" x 5" TEAK DECK ON POOP & FORECASTLE LITHOXYLO ETC ON BRIDGE  
STEEL DECK ON POOP & BRIDGE 30" THICK  
FORECASTLE DECK TIES 9" x 32"

POOP & BRIDGE STRINGER 45" x 38" FOR 1/2 L  
FORECASTLE STRINGER 52" x 32"  
STRONGER ANGLE 5 1/2" x 38" IN WAY OF POOP & FORECASTLE  
5" x 5" x 32" ON FORECASTLE

POOP & BRIDGE ON BEAMS  
FORECASTLE BEAMS  
6" x 5" x 40" BULB ANGLES ON EVERY FRAME  
8" x 5" x 44" BULB TEES ON ALTERNATE FRAMES  
6" x 5" x 38" TEAK

2 1/2" DIA ON ALT FRAMES

DECK IN WELL 5" x 5" TEAK UNDER FORECASTLE LITHOXYLO ETC  
STEEL DECK IN WELL & UNDER FORECASTLE 36" FOR 1/2 L TO 30" @ ENDS  
STEEL DECK UNDER BRIDGE 30" COVERED WITH TRANSSO ETC  
STEEL " " " POOP 30" UNCOVERED

Stronger doubles increased at fore and aft  
STRONGER 45" x 38" IN WAY OF WELL & FORECASTLE  
FORECASTLE STRONGER 52" x 32" @ ENDS  
UNDER BRIDGE 45" x 38" FOR 1/2 L TO 30" @ ENDS  
STRONGER ANGLE 5 1/2" x 38" IN WELL  
OTHER PARTS 52" x 32" TO 40" @ ENDS

POOP & BRIDGE SHEERSTRAKE 45" x 38" FOR 1/2 L TO 42" @ AFT END (BREADTH INCREASED TO 52" IN WAY OF SIDELIGHTS)  
FORECASTLE 38"

M.

52" FOR 1/2 L TO 42" @ AFT END  
FORECASTLE 38"

See footnote Table 8.

WALL OF SHEERSTRAKE IN WAY OF POOP & BRIDGE 36" FOR 1/2 L TO 42" @ AFT END AND FORECASTLE 45" x 38" FOR 1/2 L TO 42" @ ENDS

SHEERSTRAKE DOUBLED FOR 1/2 L TO 42" @ ENDS  
as per Profile

THIS STRAKE IN WAY OF BRIDGE & POOP 36" FOR 1/2 L TO 42" @ ENDS  
FORECASTLE 45" x 38" FOR 1/2 L TO 42" @ ENDS

FORECASTLE 45" x 38" FOR 1/2 L TO 42" @ ENDS

STRONGER PLATE 45" x 38" FOR 1/2 L TO 30" @ ENDS  
DANDS IN WAY OF POOP & BRIDGE  
FORECASTLE 45" x 38" FOR 1/2 L TO 30" @ ENDS  
5 1/2" x 38" STRONGER ANGLE

36" FOR 1/2 L TO 42" @ ENDS

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

Sketch showing alternative rib frame system of construction in machinery space

Sub frames 18" x 38" spaced 5' 6" from spaces apart.

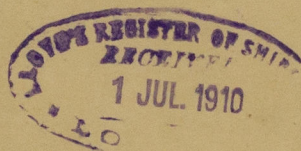
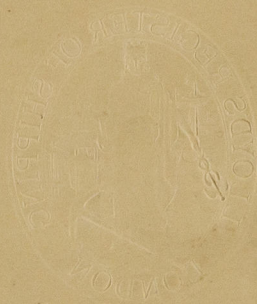
Intermediate bulb angle frames 6 1/2" x 3 1/2" x 50" spaced 24" apart. Face angle 3 1/2" x 3 1/2" x 50" single or 3 1/2" x 3 1/2" x 50" double

Side stringer 18" x 34" face angle 3 1/2" x 3 1/2" x 50"

C.B.  
7.7.10

Plating in way of double bottom may be reduced as per Sec 16 para 6 as built 54" x 44"





002639-002646-0104



© 2020

Lloyd's Register  
Foundation



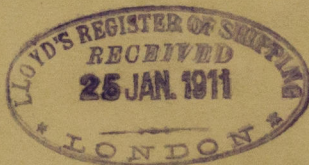
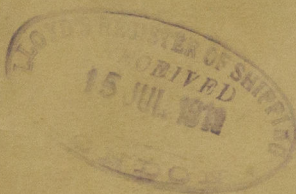
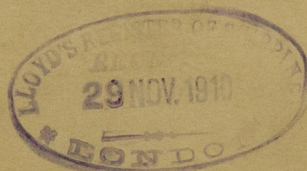
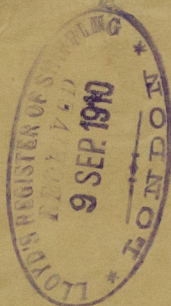
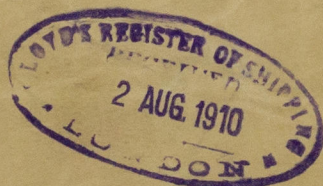
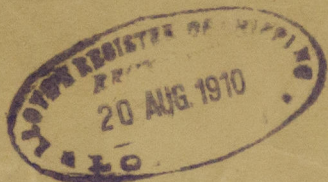
R

S. P. Orange Nassau

Plan of Middle Lip Section

Rotterdam ref. 1214

139



002639-002646-0104



© 2020

Lloyd's Register  
Foundation