

14/9/27

MIDSHIPSECTION. FOR PROPOSAL N° 8627.

RIVETING TABLE

BUTTS OF SHELLPLATE TREBLE RIV. BUTTSTRAPS THROUGHOUT
SHELLPLATING DOUBLE RIV OVERL THROUGHOUT
SHEERSTRAKE AND STRAKE BELOW TREBLE RIV OVERLAP
FOR 1/2 L TO DOUBLE RIV AT ENDS
SEAMS OF SHELLPLATING DOUBLE RIV OVERL IN FLAT OF BOTTOM, SINGLE ELSEWHERE
BUTTS OF CENTREGIRDER TREBLE RIV OVERL
TANKTOP C STR DOUBLE
REM STR FOR 1/2 L TO SINGLE AT ENDS
MARGINPLATES THROUGHOUT
TANKTOP STRAKES SINGLE
SEAMS OF UPPER AND QUARTERDECK STRINGERPLATES TREBLE RIV OVERLAPS FOR 1/2 L TO DOUBLE AT ENDS
BUTTS OF UPPER AND QUARTERDECK REM STR DOUBLE RIV OVERLAPS FOR 1/2 L TO SINGLE AT ENDS
BUTTS OF POOP & FORECASTLEDECK STRINGERPLATES DOUBLE PLATES SINGLE
SEAMS ALL DECKPLATING SINGLE THROUGHOUT

SCALE 1/2" = 1'

LENGTH BETWEEN PP 210'-0"
BREADTH 35'-0"
DEPTH MOULDED TO UPPERDECK 13'-9"
QUARTERDECK 17'-3"

$$L \cdot D_M = 210 \times 13.75 = 2888$$
$$L \cdot (B + D_M) = 210 \times (35 + 13.75) = 10238$$

$$L = \frac{210}{13.75} = 15.28 \quad D_M = \frac{210}{17.25} = 12.18$$
$$d \text{ TO UPPERDECK } 13.75 - 2.54 = 11.21$$
$$d \text{ TO QUARTERDECK } 17.25 - 2.54 = 14.71$$

EQUIPMENT NUMBER

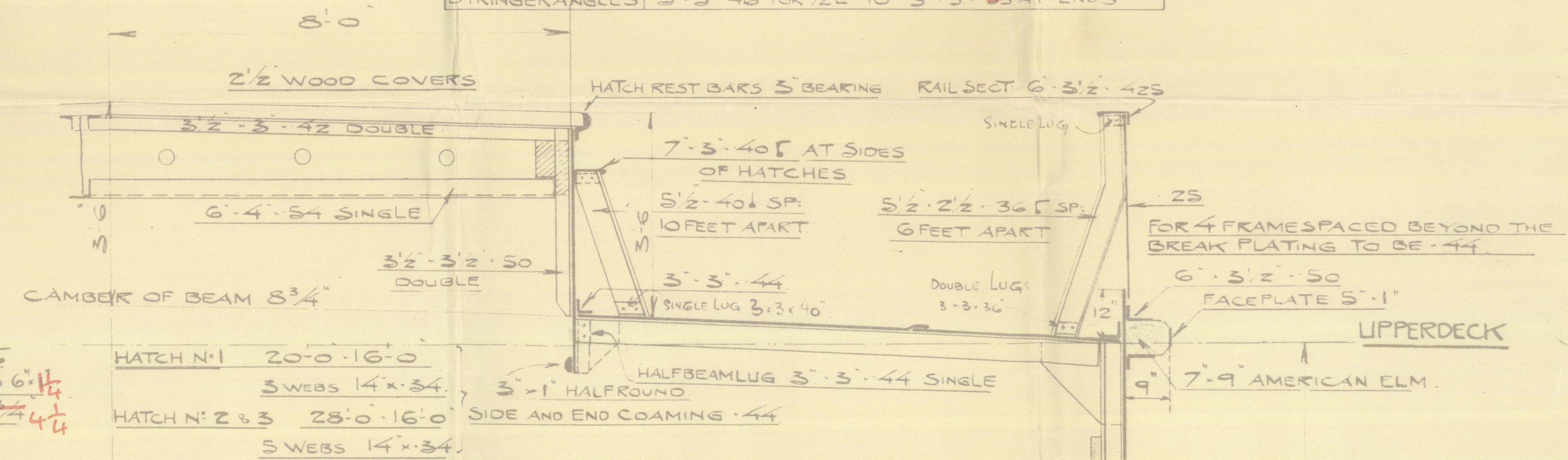
BELOW UPPERDECK 10238
QUARTERDECK 315
POOP & FORECASTLE 262
DECKHOUSES 322.5
EQUIPMENT NUMBER 11138
2 BOWER ANCHORS EACH 23.4 CWT STOCKLESS
1 " " " " AT 20' 4"
1 STREAM " " " " EX STOCK
210 FATHOMS 17 1/2 STUD CHAIN CABLES
60 " " 15 1/2 CHAIN OR 3 1/2 STEELWIRE
90 " " 9 1/2 HEMP OR 3 1/4
1 HAWSER 90 FATHOMS 6" MANILLA
1 WARP 90 " " 5 " "

TO BE BUILT TO CLASS: LLOYDS 100A1 & SINGLEDECK
WITH POOP & QUARTERDECK CONNECTED AND FORECASTLE
DOUBLE BOTTOM TO CARRY OIL FUEL AND WATERBALLAST
OIL FUEL OF A FLASH POINT ABOVE 150° FAHR.

POOP 26'-6" x 7'-0"
FORECASTLE 23'-6" x 7'-0"
QUARTERDECK 90'-0" x 3'-6"
LENGTH OF SUPERSTR 140'-0"
 $\frac{L}{L} = \frac{140}{210} = 66\%$

UPPERDECK

	B = 35	2/3 B = 23'-4"	1/3 B = 17'-6"
BEAMSPACING	24"	24"	24"
PILLAR	ONE ROW	ONE ROW	ONE ROW
BEAMS	2" 3" 36"	5" 2" 3" 36"	4" 2" 3" 36"
KNEES	18" 1" 36"	18" 1" 36"	18" 1" 36"
HALF BEAMS	5" 2" 3" 36"	5" 2" 3" 36"	5" 2" 3" 36"
STRINGERPLATES	4" 2" 3" 36"	4" 2" 3" 36"	4" 2" 3" 36"
DECKPLATING	40" FOR 1/2 L TO 30" AT ENDS	40" FOR 1/2 L TO 30" AT ENDS	40" FOR 1/2 L TO 30" AT ENDS
STRINGERANGLES	5" 2" 3" 36"	5" 2" 3" 36"	5" 2" 3" 36"



QUARTERDECK

	B = 35'-0"	2/3 B = 23'-4"	1/3 B = 17'-6"
BEAMSPACING	24"	24"	24"
PILLAR	ONE ROW	ONE ROW	ONE ROW
BEAMS	2" 3" 36"	5" 2" 3" 36"	4" 2" 3" 36"
KNEES	18" 1" 36"	18" 1" 36"	18" 1" 36"
HALF BEAM	5" 2" 3" 36"	5" 2" 3" 36"	5" 2" 3" 36"
STRINGERPLATES	40" FOR 1/2 L TO 27'-34" AT ENDS	40" FOR 1/2 L TO 27'-34" AT ENDS	40" FOR 1/2 L TO 27'-34" AT ENDS
DECKPLATING	32" FOR 1/2 L TO 30" AT ENDS	32" FOR 1/2 L TO 30" AT ENDS	32" FOR 1/2 L TO 30" AT ENDS
STRINGERANGLES	5" 2" 3" 36"	5" 2" 3" 36"	5" 2" 3" 36"

DIMENSIONS

FRAMESPACING 24" THROUGHOUT
FRAMES IN PEAKS 115'-65'-7" BULBANGLES
FRAMES IN WAY OF UPPERDECK 115'-65'-7"
POOP QUARTERDECK 130'-65'-8.5"
STEM: 6'-4" x 3'-4" TAPERED AT TOP FROM LOADW. L TO 6'-16"
STERNPOST 6'-4" x 3'-4" RUDDERPOST 5'-4" x 3'-4"
WT. BULBHEADS SEE PROFILE
TUNNEL: PLATES 30" CURVED TOPPLATES 28"
IN WAY OF HATCH CURVED TOPPLATES 38" OR
COVERED WITH 2" WOOD, STIFFENERS 4'-2" x 3'-30"
SPACED 36" APART

DOUBLE BOTTOM PLATES

	FOR 1/2 L	AT ENDS	IN MOTOR	REMARKS
CENTREKEEL	30" 2" 3" 36"	33"	39"	
TANKTOP C STR	40" 2" 3" 36"	32"	34" 36"	
R	30" 31"	29" 30"	34" 36"	
SIDEGIRDER	29"	29"	29" 30"	
MARGINPL	21" 23" 34"	33" 34"	33" 34"	
FLOORS	24" 30"	29" 30"	29" 30"	ON EVERY FRAME
BRACKETS	32"	32"	32" 34"	

DOUBLE BOTTOM ANGLES

	FOR 1/2 L	AT ENDS	IN MOTOR	REMARKS
CENTREKEEL BOT	5" 3" 3" 39"	5" 3" 3" 39"	4" 2" 4" 2" 39"	1 1/2" 4" 2" 39" FOR W. OF 3" 3"
TOP	3" 3" 3" 35"	3" 3" 3" 35"	3" 3" 3" 35"	
VERT	3" 3" 3" 29"	3" 3" 3" 29"	4" 2" 4" 2" 29"	
SIDEGIRDER BOT	3" 3" 3" 29"	3" 3" 3" 29"	3" 3" 3" 29"	
TOP	2" 2" 2" 29"	2" 2" 2" 29"	2" 2" 2" 29"	
VERT	2" 2" 2" 28"	2" 2" 2" 28"	2" 2" 2" 28"	
MARGINPLATE	3" 3" 3" 35"	3" 3" 3" 35"	3" 3" 3" 35"	
MARGIN VERTIC	3" 3" 3" 29"	3" 3" 3" 29"	3" 3" 3" 29"	
BOTTOM FRAMES	3" 3" 3" 29"	3" 3" 3" 29"	3" 3" 3" 29"	
REVERSE	2" 2" 2" 29"	2" 2" 2" 29"	3" 3" 3" 29"	DOUBLE IN MOTOR

IN WAY OF BREAK, AT UPPERDECK TO IN THICKNESS 65" 3 FRAME SPACES 76" 36" 40" 37" FOR 1/2 L TO 36" AT ENDS

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WEBFRAMES SPACED AS PR PROFILE PLATING 12" 30" FACEBAR 5" 3" 40" SINGLE ANGLE SHELLANGLE 3" 3" 40" SINGLE

TANKTOP PLATING IN MOTORRUM 34" 5/8 RIV 4 1/2" SPACING

FLOORS 29" 5/8 RIV 4 1/2" SPACING

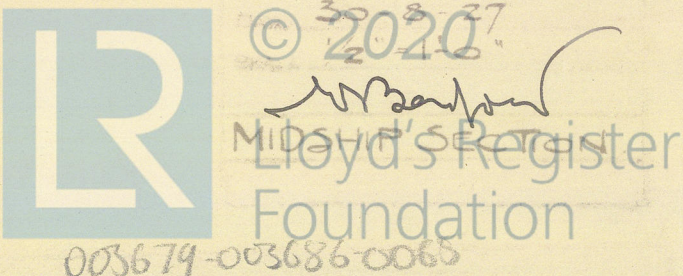
KEELPLATE 34" 4" 20" 5/8 (OWNER'S REQUIREMENT) FOR 3/4 L TO 4" 20" AT ENDS KEELBUTTS TO BE BUTTSTRAIPPED

2 STRAKES TO MAINTAIN MIDSHIP THICKNESS TO COLLISION BULKHEAD

0.48
0.48
0.48
17.6

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AKTIESELSKABET BURMEISTER & WAINSKIN-OG SKIBBYGGERI.



14.9.27

555

~~Q~~ Lee



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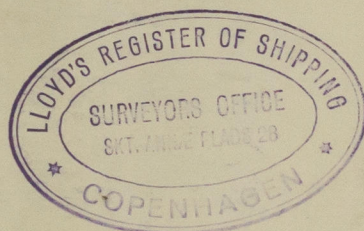
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Büro. & Wain,
Copenhagen,

No. 555.

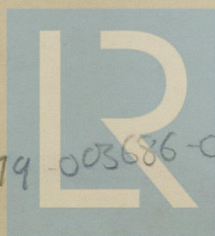
for Adelaide Steamship Co.

Midship section.



M/S "YANDRA" of Port Adelaide,
989 Tons gross.

Copenhagen Report No. 7808.



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