

SHELL

KEEL BUTTS OVERLAPPED AND 4R WHERE OVER .76 REMAINDER 3R.  
BUTTS OF A TO E, STRAKES OVERLAPPED AND 4R FOR 1/2 L. REMAINDER 3R.  
BUTTS OF F TO I, STRAKES OVERLAPPED AND 3R. FORE AND AFT.  
BUTTS OF K STRAKE OVERLAPPED AND 4R WHERE OVER .26 REMAINDER 3R.  
BUTTS OF M STRAKE 3R. IN WAY OF BRIDGE.  
BUTTS OF SHEER STRAKE OVERLAPPED AND 5R WHERE OVER .84 FOR 1/2 L. AND  
OUTSIDE OF 1/2 L. OVERLAPPED AND 4R. WHERE OVER .68. 3R AT ENDS.  
3R IN WAY OF BRIDGE.  
BUTTS OF BRIDGE SIDE PLATING, M AND N STRAKES, OVERLAPPED AND 4R.  
BUTTS OF POOP AND FORECASTLE SIDE PLATING OVERLAPPED AND 2R.  
SHELL LANDINGS. 2R. ALL FORE AND AFT, EXCEPT IN  
POOP AND FORECASTLE WHICH ARE 1R.

TABLE				
BOTTOM				
CENTRE STRAKE BUTTS OVERLAPPED AND 3R TOP 2L REMAINDER 2R.				
TANK TOP PLATING	22	22	22	2R TOP 2L 1R AT ENDS
MARGIN PLATE	22	22	22	3R TOP 2L 1R AT ENDS
CENTRE GIRDER BUTTS OVERLAPPED AND 3R FORT AND AFT				

KEEL. RIVETS TO BE 1/8 DIA. WHERE PLATING IS OVER .88" REMAINDER TO BE 1" RIVETS

RIVETS THROUGH BUTTS AND LANDINGS OF STRINGER AND ADJOINING STRAKE IN WELLS TO BE 1" DIA. WHERE PLATING IS OVER .66.  
RIVETS THROUGH BEAMS TO BE 7/8" DIA. WHERE PLATING IS OVER .48.

NOTE:- WHERE IT IS DESIRED TO USE  $\frac{7}{8}$  RIVETS, INSTEAD OF  $\frac{3}{4}$  RIVETS  
THE SAME SPACING IN DIAMETERS, CAN BE ADOPTED

— TABLE OF SPACING —				DIAS OF RIVET	
				3/4	1
RIVETS THROUGH SIDE FRAMES AND REVERSES SPACED 5 DIAS OR TO CR.				4 1/2	
"	"	"	AND SHELL	4 1/2	5 1/2
<u>DOUBLE BOTTOM</u>					
RIVETS THROUGH FRAMES TO SHELL 6 DIAS OR TO CR.				5 1/2	
"	"	"	FROM 3/4" FORWARD 5 DIAS OR TO CR.	4 1/2	
"	"	"	TO FLOORS 7 DIAS OR TO CR FROM 3/4" 5 DIAS OR TO CR	5 1/2	
"	"	"	3/4" SHELL AT WT DIVISIONS 4 1/2 DIAS OR TO CR	3 1/2	4
"	"	"	REVERSES " AT TANK TOP 7 DIAS OR TO CR 5 DIAS IN ES.	5 1/2	
"	"	"	AT WT DIVISIONS 4 1/2 DIAS OR TO CR	3 1/2	4
"	"	"	CENTRE GIRDER BUTTS SPACED 4 DIAS OR TO CR	3	3 1/2
"	"	"	TOP & BOTTOM ANGLES 5 DIAS OR TO CR IN EACH ROW	4 1/2	5 1/2
DOUBLE KEEL IN 6 x 6" ANGLE 2 COMPLETE ROWS 4 1/2 DIAS OR TO CR WHERE WT.				4	5
"	"	"	CENTRE GIRDER VERTICALS 11 RIVETS IN EACH FLANGE WHERE 6 x 6"		
"	"	"	SPACED 5 DIAS OR TO CR WHERE 3 1/2 x 3 1/2	3 1/2	4 1/2
"	"	"	TANK MARGIN VERTICALS OUTSIDE 15 RIVETS AS PER SECTION		
"	"	"	INSIDE 8 RIVETS		
"	"	"	VERTICAL ANGLES TO FLOORS & INTERCOSTALS 7 DIAS OR TO CR	5 1/2	
"	"	"	INTERCOSTAL ANGLES TO SHELL & TANK TOP 4 RIVETS EACH SPACE		
"	"	"	MARGIN ANGLES TO MARGIN PLATE & SHELL 4 1/2 DIAS OR TO CR	4	
"	"	"	TANK MARGIN BUTTS SPACED 4 DIAS OR TO CR	3	
"	"	"	TANK TOP PLATING BUTTS & EDGES SPACED 4 DIAS OR TO CR	3	3 1/2

RIVETS THROUGH EDGES & BUTTS OF PLATING SPACED $4\frac{1}{2}$ DIAS OR TO CR	$5\frac{3}{8}$
" " STIFFENERS SPACED 7 DIAS OR TO CR	$6\frac{1}{8}$
" " FRAMES TO SHELL SPACED 5 DIAS OR TO CR KEEL & 2 COMPLETE ROWS	$4\frac{3}{8}$
" " " TO BULKHEAD, DECK, & TANK TOP, SPACED $4\frac{1}{2}$ DIAS OR TO CR	$5\frac{3}{8}$

RIVETS THROUGH DECK PLATING TO BEAMS SPACED 5/8 DIAS OR TO COR WHERE OVER 66"										4 3/8		
11	12	13	14	15	16	17	18	19	20	7 DIAS OR TO COR WHERE UNDER 66"	5 1/4	6 3/8
11	12	13	14	15	16	17	18	19	20	LANDINGS SPACED 1/4 DIAS OR TO COR	6 3/8	4 1/2
11	12	13	14	15	16	17	18	19	20	BUTTS 1 DIAS 1/4" 1/4"	5	3 3/4

[illegible]

RIVETS THROUGH BUTTS SPACED 3" DIAS OR LTR WHERE BRAND AR.										2 1/2"	5/8"	5/8"	NEEL
55	55	55	55	4	55	55	55	4R.		5/8"	4"	4 1/2"	
55	55	55	55	4	55	55	55	5R.		4"	4 1/2"	NEEL	
55	55	LANDINGS		55	4	55	55	FORE DRAFT		5/8"	4"	4 1/2"	
55	55	55	IN EACH FRAME SPACE AMIDSHIPS 7 IN NUMBER IF 3" RIV										
55	55	55	55	55	55	55	55	6	55	1	5		
55	55	55	55	55	55	55	55	5	55	1 1/2	5		
RIVETS THROUGH SHELL CRACKS OF DECK STRINGERS 4 RIVETS IN EACH FRAME SPACE													

COMPLETE LIST OF SECTIONS USED IN BUILDING THIS VESSEL		
12 x 3 1/2 x 3 1/2	CHANNEL	
8 x 5	BULB ANGLE	
9 x 3 1/2	"	"
10 x 3 1/2	"	"
5 x 2 1/2	"	"
6 x 3 1/2	ANGLE	
6 x 6	"	
3 1/2 x 3 1/2	"	
1 x 1	"	

<u>DOUBLE BOTTOM.</u>		FRAMES $3\frac{1}{2} \times 3\frac{1}{2} \times 40$ TO $36\frac{1}{2}$ FORWARD AND DOUBLED FROM $36\frac{1}{2}$ FORWARD TO COLLISION BULKHEAD
		REVERSE FRAMES $3\frac{1}{2} \times 3\frac{1}{2} \times 40$ FORE AND AFT
"	"	DOUBLED IN ENGINE ROOM TO GIRDER OUTSIDE ENGINE SEAT $3\frac{1}{2} \times 3\frac{1}{2} \times 40$
"	"	$3\frac{1}{2} \times 3\frac{1}{2} \times 50$ IN BOILER SPACE, DOUBLED UNDER BOILER BEARERS.
		FLOOR PLATES $42$ FOR $2\frac{1}{2}$ TO $36$ AT ENDS. $50$ IN BOILER SPACE
		SOLID FLOORS ON EVERY $32^{\text{ND}}$ FRAME, EXCEPT IN ENGINE SPACE, UNDER BOILER BEARERS AND FROM $3\frac{1}{2}$ LENGTH FORWARD WHERE THEY ARE SOLID ON EVERY FRAME
		TANK SIDE BRACINGS $44$ FOR $2\frac{1}{2}$ TO $40$ AT ENDS $50$ IN BOILER SPACE
		INTERCOSTALS $42$ FOR $2\frac{1}{2}$ TO $36$ AT ENDS. $50$ IN BOILER SPACE
		INTERCOSTAL VERTICAL ANGLE $3\frac{1}{2} \times 3\frac{1}{2} \times 40$ THROUGHOUT. $3\frac{1}{2} \times 3\frac{1}{2} \times 50$ IN BOILER SPACE
		" TOP ANGLE $3\frac{1}{2} \times 3\frac{1}{2} \times 40$ . $6\frac{1}{2} \times 3\frac{1}{2} \times 50$ IN ENGINE SPACE AND $3\frac{1}{2} \times 3\frac{1}{2} \times 50$ IN BOILER SPACE
		INTERCOSTAL BOTTOM ANGLE $3\frac{1}{2} \times 3\frac{1}{2} \times 40$ . FORE AND AFT.

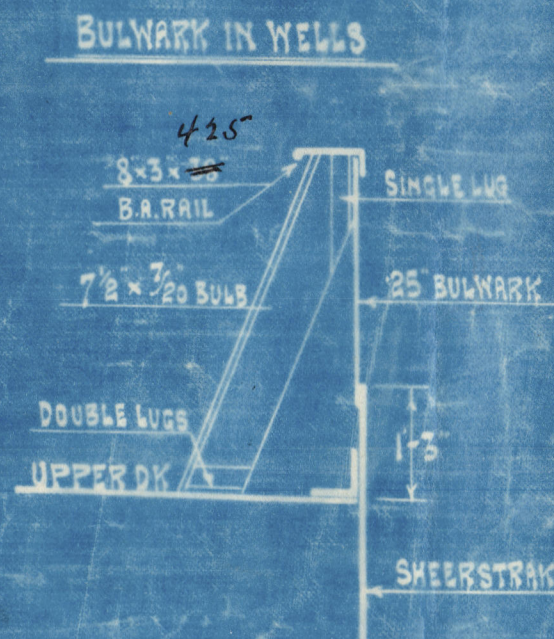
BREADTH MOULDED 52'-0"  
DEPTH MOULDED 31'-0"  
85'-0 TRANSVERSE NO.  
LENGTH 400'-0  
33200 - LONGITUDINAL NO.  
b TO UPPER DECK = 12-90  
d = 27'-5"

— DIMENSIONS 400'-0" B.P. x 52'-0" M.L.D. x 31'-0" M.L.D.

— TO CLASS 100 A.LLOYDS REGISTER —

— SCALE  $\frac{1}{2}" = 1$  FOOT —

2 BOWE ANCHORS	60 CWTs	STOCKLESS
1 " " " "	50 1/2 "	" "
1 STREAM " "	16 1/4 "	EX STOCK
210 FATHOMS	2 3/4 STUP LINK	CHAIN CABLE
90 " "	1 1/4 STREAM CHAIN	OR 1 1/4 SHROFF
180 " "	1 1/4 HEMP HANSER	OR 1 1/4 " "
2 OFF 90 " "	8 HEMP HANSERS	OR 2 1/4 " "
2 OFF 90 " "	7 " "	WARPS OR 2 1/2 " "
1 KEDGE ANCHOR	7 CWTs	EX STOCK



3.10.19



Miss<sup>rs</sup> Richardson on Duck Hill

No 677

Mid. Sec.

of "Clarton"

Indisput n<sup>o</sup> 10491

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