

SECTIONS TO BE LIMITED TO

ALTERNATIVE PROPOSAL

2	BOWER ANCHORS	33	QNTS. EACH STOCKLESS
1	do	28	do
1	STREAM	8 $\frac{1}{2}$	do EX STOCK
240	FATHOMS	1 $\frac{1}{16}$	STUD CHAIN, CABLE
75	do	4	STEEL WIRE STREAM.
90	do	3 $\frac{1}{2}$	do TONLINE.
2	90	do	6 HEMP OR 2 $\frac{1}{2}$ STEEL WIRE
2	90	do	5 do 1 $\frac{1}{2}$

SECTIONS TO BE LIMITED TO

3' 3"	ANGLES
32' 3 1/2"	
4' 3"	
6' 3"	
5' 5"	
6' 3"	BULB ANGLES
1' 3"	
8' 3"	
9' 3"	
10' 3 1/2"	

POOP SIDE PLATING	32
BRIDGE "	134
FORECASTLE "	34

SHEERSTRAKE.
47" x 54 FOR 2 L. 40 AT ENDS.
BUTTS AS PER RULE.

STRAKE BELOW SHEER STRAKE
47" .50 FOR 1/2 L. 40 AT ENDS
INCREASED .02 TO THICKNESS
OF SIDE SHELL

SIDE SHELL.
 .46 FOR $\frac{1}{2}$ L. TO .40 AT ENDS
 + .06 FOR 29" SPACING.

BUTTS TREB. RIV.
DOUBLE WHERE RULE TRNS
IS 1/2 & UNDER.

BOSS PLATE 48 50

PLATES ON STERN POST 46

SIDE SHELL JOGGLED.

RAISED QUARTER DECK BEAMS
AS PER PROFILE & DECK PLAN.

FRAMING

B.A. $10\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ^{FOR ROLLING} RAISED QR DECK. may be $10\frac{1}{2} \times 3\frac{1}{2} \times .40$ B.A.
 $10\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ IN B.S. & PERMANENT BUNKER.

FRAMING

9'-3" x 2 BA. WHERE 20 SPACING UPPER DECK. may be 9 x 3
 5'-3" x 10' 27 11.5
 10' x 3' x 50' 51 82 x 2
 6'-3" x 32 BA. IN PEAKS SPACED 24" APART. WHERE CUT
 AT W.T. PL. KNEES TO BE 18' x 32" WITH 6' x 4" S.
 SEE PROFILE FOR FRAMING IN POOP BRIDGE & FORECASTLE.

FORGINGS.

STEM $7^5 \cdot 2^6$ REDUCED FROM LOAD LINE TO 75% OF AREA AT HEAD.
PROPELLOR POST $8 \cdot 5^2$ REDUCED FROM BOTTOM OF TRINK TO 50% OF AREA AT HEAD
RUDDER POST $7^5 \cdot 5^6$ TRANSOM FLOOR 33' 4".

STRAKE BELOW SHEER STRAKE
47 x 54 FOR 32. TO 40 AT ENDS
BUTTS AS PER RULE

SIDE SHELL

DEPTH N. 201

46 FOR 2L, TO 40 AT ENDS.
+ 106 FOR 2D SPACING.
+ 104 " 21 "

BUTTS TREBLE RIV.
DOUBLE WHERE RULE TKN
- 42 GUNDER.

BILGE KEEL BULB 8" x 40, OR PLATE
ANGLE 5" x 5" x 40

WITH DOUBLE BOTTOM 6" DEEPER THAN SHEWN,
YIZ- 41". WHAT REDUCTION OF SCANTLING WOULD
BE ALLOWED?

WATER RESOURCES

With Double bottom H₁ deep and Tank Side Brackets same depth
Frames in way of gutter deck at 2' apart 8½ × 3 × .144 B.A. or equivalent
 27 8½ × 3 × .38 B.A.
- - - planting region 10½ × 3½ × .46 B.A.
- - - R.Q. Deck 10 × 3½ × .46 B.A.

BOTTOM SHELL 40 FOR 2L TO 40 AT ENDS
INCREASED .06 FOR 19 SPACING
BUTTS TREBLE RIV. FOR 2L, DOUBLE AT ENDS WHERE
48 AND UNDER

FLAT PLATE K&L
44" x 56" FOR 3/5 L
TO 59 AT ENDS
BUTTS TRBB. RIV. FOR 8 AFT.

BOTTOM SHELL .40 FOR .41 TO .40 AT ENDS
INCREASED .06 FOR 2D SPACING .04 FOR 1D SPACING
BUTTS TREE RIV. FOR .41. DOUBLE AT ENDS WHERE
.42 AND UNDER. 3 STRAKES NEXT KEEL TO HAVE
MIDSHIP THICKNESS. MAINTAINED FORWARD TO RULE
POSITION OF COLLISION BULKHEAD.

base.
BOTTOM SHELL NOT JOGGLED

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(1)
SUNDERLAND

MESSRS J. L. THOMPSON & SONS LTD

MIDSHIP SECTION

S/S NOS 550 & 551

(~~ALTERNATIVE PROPOSAL~~)

S/S "BYRNESS" N^o 550

SUNDERLAND RPT. NO. 29371

S/S RAMSHOPE N^o 551

SUNDERLAND RPT. NO. 29272.

NN INVER



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