

SEP 27

Approved
See Letter 9-2-27

NO 329-1331-1333-1335 21337

LAKE STEAMERS. MIDSHIP SECTION.

DIMENSIONS: 53'-0" BP x 43'-4" EXT x 20'-0" ML

TO CLASS B.S. FOR SERVICE ON GREAT LAKES & RIVER ST LAWRENCE.

$\frac{253 \times 43.33 \times 20 \times 75}{100} = 1642$
 $\frac{100 \times 43.33 \times 4 \times 75}{100} = 130$
 $\frac{35 \times 43.33 \times 1.75 \times 50}{100} = 25.9$
 $\frac{49 \times 31.0 \times 7.5 \times 375}{100} = 41.8$
 1839.9

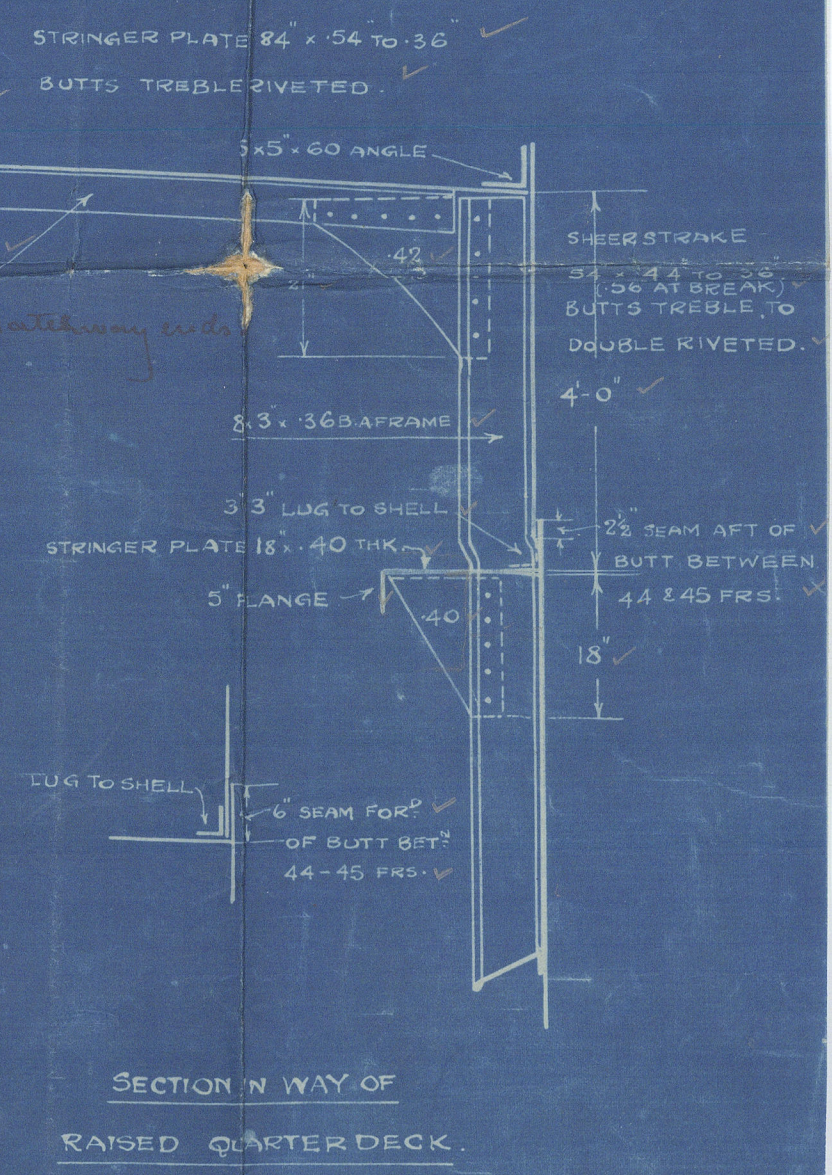
EQUIPMENT.

- 2 BOWER ANCHORS STOCKLESS EACH 36 CWTs.
- 210 FTHS. 1 1/2" STUD CHAIN CABLE.
- 75 " 3/2" STEEL STREAM WIRE.
- 105 " 3/2" WIRE TOWLINE.
- 2-90 " 6 1/2" HAWDSERS.
- 2-90 " 5" "

SCALE 1/2" = 1 FOOT

FORECASTLE:-

- BEAMS 7 1/2" x 3" x 40 B.A. ON ALT. FR.
- DECK PLATING .30
- SIDE PLATING .32
- BEAM KNEES 21" x 40" 5-3/4" RIVS.
- SEE PROFILE FOR BEAMS AT ENDS.



STRINGER PLATE 84" x 54" TO 36" AT ENDS BEHIND HATCHWAYS.

QUAD. RIV. BUTTS TO BE CLEAR OF HATCHWAYS.

WOOD BEAM AT CENTRE OF HATCHES.

FORE & AFT IN WAY OF HATCHES. FITTED AT 7 1/2" P.S. OF 4" TO HEEL OF BA.

UPPER D5 PLATING .25 BETWEEN HATCHES & AT ENDS.

BUTTS OVERLAPPED & SINGLE RIV. AT ENDS.

BEAMS SINGLE RIV.

SECTION IN WAY OF RAISED QUARTER DECK.

FRAME SPACING: AP-108 = 24" APART

108-119 = 20" "

119-130 = 18" "

FRAMES IN AFT PEAK: 6x3x36 B.A.

" ENGINE ROOM 8x3x36 B.A.

" BOILER ROOM 8x3x42 B.A.

" NO 2 HOLD 8x3x36 B.A.

" NO 1 HOLD 9x3x36 B.A. (FRM 75-97)

" WAY OF DEEP BEAMS TO HAVE 8x3x36 B.A. WITH 6x6x70 REV. BAR FORMING 9" GIRDER.

" FORE PEAK 6x3x36 B.A. TO UPPER D5

" FORECASTLE 5x3x30 O.A. KNEED TO UPPER D5

" NO 1 HOLD (FRM 98-118) 8x3x36 B.A. WITH 6x3x40 REV. BAR ON EVERY FRAME FORMING 9" GIRDER. (SEE SECTION)

FR. $M = 1.5 \times 7.2 \times 20 \times .01 = 147$
 $K = 1.5 \times 16 \times .25 \times 43.3 \times .01 = 2.6$

STEM BAR 7"x2"

PROPELLER POST 7 1/2" x 5 1/8"

RUDDER HEAD 7" DIA.

RUDDER PLATE .87"

As holes finished in hull of frames & beams about 3'-0" apart see letter 12/9/27

CENTRE GIRDER 36" x 46" TO 34" AT ENDS .40 B.S.

BUTTS OVERLAPPED & DOUBLE RIV.

TOP BAR 3 1/2" x 3 1/2" x 40 TO 34" SINGLE .48 IN B.S.

BOTTOM BAR 3 1/2" x 3 1/2" x 46 SINGLE

3 1/2" x 3 1/2" x 36 DOUBLE IN E. SPACE

TANK TOP PLATING .48 IN HOLDS.

" " " .48 IN B. SPACE.

" " " .40 IN E. SPACE.

FLUSH BUTTS SINGLE RIV. IN HOLDS.

" SEAMS " " "

TANK KNEES .36" .42 IN B.S. .42 AT STRONG BEAMS.

SECTION IN WAY OF STRINGERS.

STIFFENERS BETWEEN FLOORS 6x3x32 B.A. .42 IN B.S. SPACED 2'-0" APART. BARS SET DOWN IN WAY OF BUTTS.

KEEL PLATE 42" x 60" TO 52" FOR

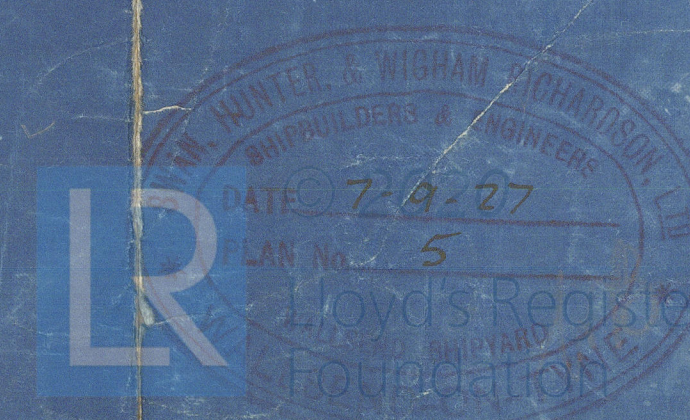
TREBLE RIV. OVERLAP BUTTS.

BOTTOM PLATING .44 TO .38 AFT, .44 FOR

BUTTS LAPPED & TREBLE RIV. FOR 1/2 L

TO DOUBLE AT ENDS

004512-004519-0208



Midship Section

Swan Hunter & W.R.

N^{os} 1329-31-3-5-7.

* 1345-7 + 1282-90

30. 30/11/2017

" 7-3-28 for 1345-7 & 1282

" 16-5-28 " 1290.

" 5-9-28 - 1365-7

1329 "Cartierdoc" # * x

1331 "Lavalduc"

1333 "Mondoc"

1335 "Soreldoc"

1337. *Trisetum*.

1345. Novadoc.

1347. Newbrundoc.

1282. Dyneville now "John F. Boland, Junr."

1290. "Scott Misener"

1365 Delaware

1367. Iphryenne

1369. John A McMiller

1371. *P. H. Houston*

1373 Ralph Gilchrist

1375. Joseph & Burke

Bag