

14-11-22  
15.12.22

Nº 463 T.S.S.  
MIDSHIP SECTION

DIMENSIONS:- 469'-10" x 60' x 43'-7" TO SHELTER DK.

LLOYDS \* 100A1 SHELTER DK WITH FREEBOARD "

SCALE 1/2" = 1 FOOT.

FORECASTLE  
SIDE SHELL - 44  
STGR. ANGLE - 2 1/2 x 3 1/2 x 38  
STGR. PLATE - 38 x 38  
DECK - 10 x 38 TIES OR 30 DECK *sheathed*  
BEAMS - 10 x 3 1/2 x 3 1/2 x 50 F ON ALT. FRAMES; 31 x 54 KNEES  
*2 rows of supports.*

15" IS CAMBER ON ALL DECKS

DK PLATING BET OPENINGS - 40 TO 32 - 36

CARGO HATCHES

DECK - 44 TO - 36

STGR. 64 1/2 x 58 TO 38 x 44

5 x 5 x 66 TO 4 x 4 x 44

3 x 3 1/2 x 44

26 x 48 WITH  
6 - 7/8 RIVETS

FRAMES ONLY EXTEND TO SHELTER DK.  
AT ALTERNATE FRAMES BETWEEN 3/4 L FORD.  
AND 3/4 L AFT. 2:33.

INTERMEDIATE FRAMES 3/4 x 3 1/2 x 44 TO BE FITTED  
FORD OF 3/4 L WHILE AFT OF 3/4 L AFT. FRAMES  
TO EXTEND TO SHELTER DK. EVERY STATION  
ELSEWHERE NO INTERMEDIATES FITTED  
INTERMEDIATES TO BE SCARPHED TO MAIN FRAMES

DETAIL OF PILLARS AND GIRDERS  
TO BE SUBMITTED LATER

DK PLATING BET OPENINGS - 38 TO - 30

UPPER DK.

DECK - 42 TO - 32

7 x 3 1/2 x 3 1/2 x 52 W x 50 F ON EVERY FRAME

50 TO 38 x 44

4 x 4 x 50 TO 44

3 x 3 x 50 TO 44

26 x 48 WITH  
6 - 7/8 RIVETS

NUMERALS

B + D = 60 + 35.58 = 95.58

L (B + D) = 469.83 x 95.58 = 44909.

FRAMING "D" = 20.46

PROPS. TO SHELTER DK. = 10.76

DK PLATING BET OPENINGS 30

CARGO HATCHES

DECK - 30

9 x 3 1/2 x 3 1/2 x 40 W x 55 F ON EVERY FRAME

44 TO 38 x 44

4 x 4 x 50 TO 44

3 x 3 x 50 TO 44

30 x 50 WITH  
7 - 7/8 RIVETS

RIVETING

KEEL PLATE BUTTS DOUBLE STRAPS TREBLE RIVETED THROUGHOUT.

CENTRE LONGITUDINAL BUTTS LAPPED & TREBLE RIVETED.

MARGIN PLATE BUTTS LAPPED " " " " " "

TANK TOP CENTRE STRAKE " " " " " "

" PLATING BUTTS " DOUBLE RIV FOR 1/2 L SINGLE

AT ENDS, TREBLE AT E & B SPACES.

SHELTER DK. STRINGER BUTTS LAPPED & TREBLE THROUGHOUT.

UPPER DK. " " " " " "

2ND DK. " " " " " "

SHEER STRAKE BUTTS LAPPED & QUAD. RIV. TO TREBLE AT ENDS.

STRAKE BELOW " " " " " "

SHELL (BOTTOM) " " " " " "

SHELL (SIDE) " " " " " "

RIVETING TO COMPLY WITH LLOYDS RULES 1922-23

EQUIPMENT

HULL = 44909

SHELTER DK. = 469.83 x 95.58 = 2819

FOCLE = 5725 x 7.5 x 4 = 322

HOUSE AFT. 1/2 x 7.75 x 49.5 = 191

HOUSE B. 1/2 x 139.5 x 8.0 = 558

Equip No = 48799

2 BOWERS EACH 8 1/2 CWTs. STOCKLESS.

1 " 6 3/4 " " " " " "

1 STREAM 23 1/2 " " " " " "

300 FATHOMS 2 9/16" STUD CHAIN CABLE.

120 " 5/4" STEEL WIRE

130 " 6" TOW LINE.

4 2100 " OF 8" HAWSER & WARPS.

FRAMING

FRAMES SPACED 24" IN FORE PEAK; SEE LONG. FOR SPACING IN AFT PEAK

FRAMES SPACED 27" FORD OF 3/4 L AND 28" ELSEWHERE

MIDSHIP BODY FRAMES 9 x 3 1/2 x 3 1/2 x 46 W x 50 F WITH

3/2 x 3 1/2 x 46 REV. TO UNDERSIDE OF 2ND DK. BEAMS.

FRAMES IN NO 1 HOLD 9 x 3 1/2 x 46 A. WITH 4 x 3 1/2 x 46 REV.

TO UNDERSIDE OF 2ND DK. BEAMS.

FOR FRAMING IN WAY OF TUNNEL RECESS SEE LONG. SECTION

FRAMES IN PEAKS 7 x 3 1/2 x 42 WITH 3 x 3 1/2 x 42 REV. FORMING

7 GIRDER. REV. EXTEND TO UNDERSIDE OF UPPER & FOCLE DK BEAMS ALTY.

IN FORE PEAK AND ALL TO UNDERSIDE OF UPPER DK. BEAMS IN AFT PEAK.

SEE NOTE ABOVE RE FRAMES IN SHELTER TWIN DKS.

STEM 11 x 3

STERN FRAME WILL BE SUBMITTED.

where oil is carried in the double bottom  
the tank ends are to be specially stiffened  
in view of test required  
Requirements of spec 149 to be complied with

Extra primer under eng'g's.

TANK TOP PLATING IN HOLDS - 42 TO - 38

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Workman Clark & Co

N<sup>o</sup> 463.

Midship Section

1/2 Port Wellington

Blf 9057.

N 72-0041

