

PRINCIPAL DIMENSIONS:-

LENGTH B.P. 346.0  
BREADTH EXT. 49.6  
" MLD. 49.25  
DEPTH MOULDED 27.11

18.1.05

PROPORTIONS:-

DEPTHS TO LENGTH = 11.9

# S.S. Nos. 434 & 435.

THREE DECK RULES.

SCALE  $\frac{1}{2}$  = 1 FOOT

NUMERALS:-

HALF BREADTH MLD 24.60  
HALF GIRTH 49.38  
DEPTH AS PER RULE 28.89  
102.87 = 2DK FRAME NUMBER.  
LESS 7.00  
THREE DK FRAME NO 95.87  
LENGTH AS PER RULE 34.4  
PLATING NO 32979.

NOTE:- BULB ANGLE FRAMES CARRIED TO BRIDGE DECK.

POOP & FORECASTLE SIDES 7/20  
BRIDGE SIDES 10/20  
TREBLE RIV. OVERLAP BUTTS IN WAY OF BRIDGE

POOP & FORECASTLE SIDES 7/20  
BRIDGE SIDES 10/20  
DOUBLE RIV. OVERLAP BUTTS.

DOUBLE RIV. SEAMS FOR 20 FT. AT ENDS OF BRIDGE.

SHEER STRAKE 4 1/2 x 13/20  
BEYOND BRIDGE END DOUBLINGS TO 1/2 LENGTH.

QUADRUPLE RIV. OVERLAP BUTTS FOR 1/2 LENGTH TREBLE AT ENDS.  
SHEER STRAKE DOUBLED FOR 20 FT. AT ENDS OF BRIDGE.

12.9/20 + 20 FOR 1/2 LENGTH OUTSIDE OF BRIDGE BUTTS OVERLAPPED & TREBLE RIVETTED.

12.9/20 + 20 BETWEEN PEAKS FOR 25 SPACING.

12.9/20

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12.9/20

BILGE KEEL BULB 8 x 9/20  
TEE BAR 6 x 4 x 9/20.

NOTE:- BUTTS OVERLAPPED & TREBLE RIV. QUADRUPLE WHERE OVER RULE LIMITS, FOR HALF LENGTH.



STRINGER PLATE 4 1/2 x 20 TREBLE RIV. OVERLAP BUTTS. TO 3 1/2 x 20 AT ENDS.  
POOP DECK 5/16 IRON  
BRIDGE DECK 1/16 IRON  
FORECASTLE WOOD.

BEAMS AS PER PROFILE.  
BEAM KNEES AS PER PROFILE.

NOTE:- BULB ANGLE FRAMES CARRIED TO BRIDGE DECK.

UPPER DECK STRINGER PLATE 7/2 x 20 TO 4 3/8 x 20  
QUADRUPLE RIVETTED OVERLAP BUTTS FOR HALF LENGTH TREBLE AT ENDS.

STRINGER ANGLES 3 1/2 x 3 1/2 x 10/20  
4 1/2 x 4 1/2 x 20 IN WELLS.

2 1/2 IN. WAY OF HATCHES 8 x 3 1/2 x 3 1/2 x 10/20

UPPER DECK BEAM KNEES 3 TIMES DEPTH OF BEAM AND AS PER PROFILE.

ARCHED WEBS SPACED AS PER PROFILE.  
PLATE 9/8 FACE BAR 6 1/2 x 4 1/2 x 10/20

STRINGER PLATE 9/8  
FACE BAR 6 1/2 x 4 1/2 x 12/11  
SHELL CONNECTION 3 1/2 x 3 1/2 x 9/8  
2 RIVETS TO FRAME. FRAME LUGS 4 1/2 x 3 1/2 x 9/20.

STRINGER PLATE 60 x 20 TO 4 3/8 x 20.  
TREBLE RIV. OVERLAP BUTTS.  
DOUBLE SHELL CONNECTION 3 1/2 x 3 1/2 x 10/20.  
DOUBLE ANGLES 3 1/2 x 3 1/2 x 9/20.

GUSSETS TO HOLD BEAMS.

BULB ANGLE ON FACE OF STRINGER 11 x 3 1/2 x 14/13

BRACKETS ON ALTERNATE FRAMES UNDER WIDE STRINGER, FLANGED TO STRINGER AND WHERE MARKED THUS X ON PROFILE TO BE CONNECTED TO FACE BAR ON STRINGER.

ARCHED WEBS SPACED AS PER PROFILE.  
PLATE 9/8 FACE BAR 6 1/2 x 4 1/2 x 10/20

STRINGER PLATE 9/8 SHELL CONNECTION 3 1/2 x 3 1/2 x 9/8  
FACE BAR 6 1/2 x 4 1/2 x 12/11 2 RIVETS TO FRAME.  
FRAME LUGS 4 1/2 x 3 1/2 x 9/20.

TANK MARGIN PLATE 3 1/2 x 9/20 IN BOILER ROOM.  
BUTTS OVERLAPPED & DOUBLE RIVETTED.  
OUTSIDE TANK BRACKETS 10/20.  
CONNECTIONS TO TANK MARGIN PLATE 3 1/2 x 3 1/2 x 20 DOUBLE FORE & AFT.

GUSSET ANGLES 3 1/2 x 3 1/2 x 20 ON EVERY 4TH FRAME.  
CLEAR OF WEB FRAMES 6 x 3 1/2 x 10/20 AT WEB FRAMES.

SINGLE RIV. SEAM.  
BRACKETS 8/20.  
MANHOLES 21 x 18.

TANK:-

TANK WEBS ON ALTERNATE FRAMES IN HOLDS 8/20.

ON EVERY FRAME IN ENGINE ROOM & FORWARD OF 1/2 LENGTH 8/20.

INTERCOSTAL GIRDERS 8/20.

TANK TOP IN HOLDS 8/20 NO INTERMEDIATE STIFFERS IN ENGINE ROOM 20.

NO TANK IN BOILER SPACE {SEE SEPARATE SKETCH OF ORDINARY BOTTOM.

TANK TOP BUTTS OVERLAPPED & DOUBLE RIVETTED.

TANK TOP REDUCED 20 WHERE FLOORS EVERY FRAME.  
ALL CONNECTIONS IN DOUBLE BOTTOM 3 1/2 x 3 1/2 x 10/20.

CONNECT 10 IN BOILER ROOM (EXCEPT SHELL LUGS) 3 1/2 x 3 1/2 x 10/20.  
DOUBLE REVERSE ONLY IN ENGINE SPACE.

BALTIC PINE CEILING 2 1/2 THICK.

DOUBLE RIV. SEAM.

3-1 RIVETS

DOUBLE RIV. SEAM.

3-1 RIVETS

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DOUBLE RIV. SEAM.

FORGINGS:-

STERN FRAME 11 x 6 3/4  
STEM BAR 11 x 2 3/8  
RUDDER HEAD 9 DIA  
HEEL 6 1/2 DIA PLATE  
PINTLES 4 1/2 DIA.

SINGLE ROW PILLARS IN POOP & AT FORE END BRIDGE 2 1/2 DIA. 6 TO 8 FT.  
2 STEEL F&A. BULKHEADS IN CLE. EQUAL TO PILLARS.

ROUND OF BEAM = 11 1/2

MAIN HATCH END BEAMS PLATE 14 x 20 & 2 ANGLES 6 x 6 x 10/20.

PILLARS IN WAY OF HOLD BEAMS 3 1/2 DIA. 10 TO 12 FT.  
+ 1/2 AT HATCH ENDS & IN ADDITION SHIFTING BOARD PILLAR.

PILLARS REELED TO SUIT.  
SHIFTING BOARDS 4 1/2 DIA. 22 TO 24 FT.  
BUT 5 1/2 " 24 " 26  
5 1/2 " 26 " 28  
5 1/2 " 28 " 30 FT.

PILLAR LENGTHS = TOP OF T BAR FEET TO UNDERSIDE OF BEAM.

No SHIFTING BOARDS FITTED.

PILLARS IN WAY OF HOLD BEAMS 4 1/2 DIA. 10 TO 12 FT.  
4 1/2 " 12 TO 14 FT.  
4 1/2 " 14 TO 16 FT.

PILLARS INCREASED 1/2 AT HATCH ENDS & IN ADDITION A SHIFTING BOARD PILLAR TO BE FITTED.

TANK TOP CENTRE STRAKE 10/8  
4 1/2 x 20 BUTTS OVERLAPPED & DOUBLE RIVETTED.

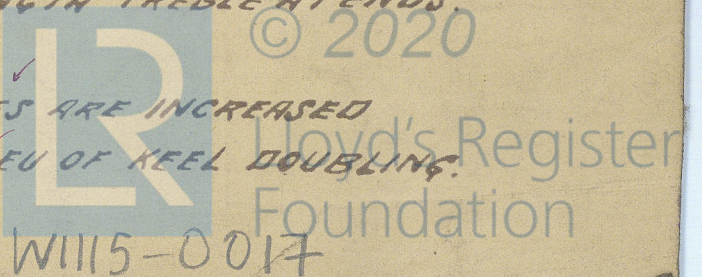
CENTRE KEELSON 4 1/2 x 10/8 10/20 IN BOILER SPACE.  
BUTTS OVERLAPPED & TREBLE RIV. 10/20.

C.K. CONNECTIONS 3 1/2 x 3 1/2 x 10/20 IN BOILER SPACE.  
DOUBLE FOR 1/2 LENGTH.  
SINGLE AT ENDS.

4 1/2 x 4 1/2 x 12/11/20.

BUTTS OVERLAPPED & QUAD. RIV. 10/20 FOR 1/2 LENGTH TREBLE AT ENDS.

NOTE:- KEEL & GARE STRAKES ARE INCREASED IN WIDTH & THICKNESS IN LIEU OF KEEL DOUBLING.





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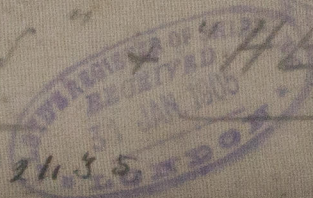
MESS<sup>RS</sup> V.L. THOMPSON & SONS



Nos. 434 TS.

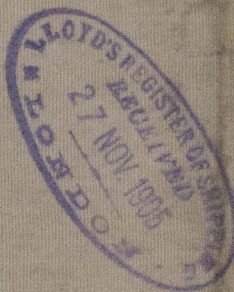
MIDSHIP SECTION.

434 S.S. "HERMES"



Sld. F. E. No. 221135

"HEKTOR"



RECEIVED

Hermes

To be returned for

duplicate

"Hektor"  
10.1.04 22552



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