

Corrected to Lloyd's Approved Plan.
October 22nd 1900

MIDSHIP SECTION

DIMENSIONS.

LENGTH B.P. 225'0". BREADTH EX. 35'0" DEPTH MLD. 16'6 1/2"

TO CLASS 100-A.J. AT LLOYD'S. "RAISED QUARTER DECK"

1/2 SCALE.

13.12.00
15.12.00
17.6.01
3.9.01

LENGTH FROM AFTER SIDE OF STEM TO FORE SIDE OF STERN POST. 225'8 1/2"
BREADTH MOULDED. 34'9"
DEPTH TO SKIN ASSUMING 8 3/4" ROUND UP OF BEAM. 17'3 3/4"

NUMERALS.

1/2 BREADTH 17.37
1/2 GIRTH 31.79
DEPTH 17.27

66.43. 1st N^o GRADES 65-68. +3.5' 69.93 N^o FOR Q.R. DE. FRAMES 4th

223.71. LLOYD'S LENGTH

14861. 2nd N^o GRADES 14700-15600.

DEPTH TO LENGTH 12.95

BREADTH TO LENGTH. 6.44

EQUIPMENT

ERECTOR:- RAISED Q.R. DE. AFT 82'5" BRIDGE 55'7" RAISED Q.R. DE. FOR 85'8 1/2"

EQUIPMENT N^o 16718 GRADES 15120-16720

SHEERSTRAKE 38 x 11/2
INCREASED 2/20 FOR 1/2 L. AS PER
TABLE S.6.
DOUBLED AT BREAKS. FOR ABOUT 20'0"

10.8
20. TO BE INCREASED.
2/20 FOR 1/2 L. AS PER
TABLE S.6.

QUARTER DECK.
STRINGER 32 x 10 FOR 1/2 L. 20 FOR 1/2 L. TO 26 x 10 AT ENDS.
BEAMS 5 1/2 x 3 x 20. BULB ANGLES ON EVERY FRAME.
MATCH END BEAMS. SEE PROFILE.
DECK PLATING 16 IRON.

DEEP FRAMING IN WAY OF QUARTER DECK.
FRAMES 12 x 3 x 20. BULB ANGLES. SPACED 23" APART.

ORDINARY FRAMING IN PEAKS
FRAMES 4 x 3 x 20. REVERSE FRAMES 3 x 3 x 20 TO EXTEND
TO QUARTER DECK AND STRINGER NEXT BELOW ALTⁿ IN FORE PEAK
AND TO QUARTER DECK AND W.T. PLAT ALTⁿ IN AFTER PEAK.

FORGINGS.
STEM 7 1/2 x 2 1/2. STERN POST 8 x 4 1/2.
RUDDER HEAD 5 1/2. RINTLES 3. MAIN PIECE AT KEEL 4 x 3.

PILLARS.
TANK TO MAIN DECK. 3 1/2
" QUARTER DECK. 3 1/2
JWEEN DECKS. 2 1/2

RIVETTING.
MAIN QUARTER DECK STRINGERS OVERLAPPED & TREBLE RIV^{ts} FOR 1/2 L. DOUBLE AT ENDS.
BRIDGE STRINGER, OVERLAPPED & DOUBLE RIVETTED.
MAIN QUARTER DECK PLATING OVERLAPPED & DOUBLE RIV^{ts} FOR 1/2 L. SINGLE AT ENDS.
BRIDGE DECK PLATING OVERLAPPED & SINGLE RIVETTED.
SHELL PLATES, BUTTS OVERLAPPED & TREBLE RIV^{ts} FOR 1/2 L. DOUBLE AT ENDS.
TREBLE RIV^{ts} OVERLAPS TO HAVE THREE COMPLETE ROWS OF RIVETS.

SECTION THRO E.T.B. SPACE.
MAIN DECK.

STRINGER 32 x 10. DECK PLATING 16 STEEL.
BEAMS 5 1/2 x 3 x 20. BULB ANGLES ON EVERY FRAME.

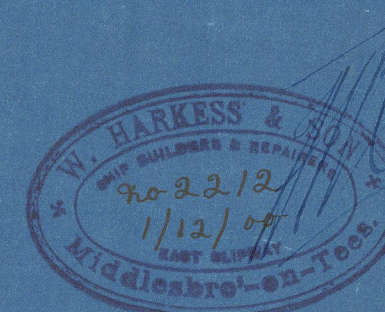
DEEP FRAMING IN WAY OF MAIN DECK.
FRAMES 12 x 3 x 20. BULB ANGLES. SPACED 23" APART.

DOUBLE BOTTOM.
CENTRE GIRDER 8" TREBLE RIVETTED OVERLAPS THRO-OUT
MARGIN PLATE (RULE) 22 x 10 DOUBLE RIV^{ts} OVERLAPS THRO-OUT
INNER BOTTOM MIDDLE LINE STRAKE IN BOILER SPACE 7/20 STEEL
" " " " ELSEWHERE 8/20 STEEL
" " " " BUTTS & EDGES SINGLE RIV^{ts}
" " REMAINDER IN BOILER SPACE 7/20 STEEL
" " " " IN ENGINE " 8/20
" " " " ELSEWHERE 7/20
" " " " BUTTS & EDGES SINGLE RIV^{ts}
SIDE GIRDERS 6". BUTTS SINGLE RIV^{ts} OVERLAPS.
NOTE:- ALL PARTS OF DOUBLE BOTTOM IN BOILER SPACE BEING
INCREASED 2/20 ABOVE THICKNESSES GIVEN IN TABLE, EXCEPT FRAMES.
BULKHEADS 6/20.

GIRDERS UNDER BOILER 7/20
GIRDER LUGS & ANGLES UNDER BOILER 3/20 x 3/20
CENTRE GIRDER ANGLE UNDER BOILER 3/20 x 3/20 + 5/20 x 3/20
KEY FRAMES UNDER BOILERS 5/20 x 3/20 DOUBLED IN E.T.B. SPACE.
FLOORS IN BOILER SPACE 20/20. IN ENGINE SPACE 20 x 20.
GIRDS CUT AT CENTRE.

N^o HARKNESS & SON
SHIPBUILDERS & REPAIRERS
EAST DUNDEE
MIDDLEBROUGH-ON-TEES.

FLAT PLATE KEEL 35 x 14.11"
BUTTS OVERLAPPED & TREBLE
RIVETTED THROUGH-OUT.



10-12-00. CH.

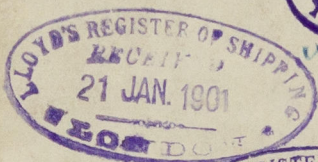
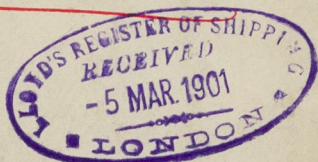
BILGE KEELS FOR 90° X
SINGLE ANGLE 5 x 3 x 20 + BULB MT 7 1/2 x 3/20

157 & 8
N. 55 & 6
20

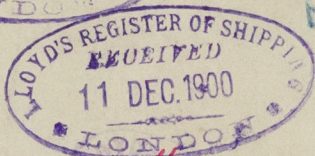
Missip Section.

Warkness & Son

nos 157 & 158



Mathilda



ss. Anna Hermine (157)
Ind. Report no. 3342

ss. Marie Elisabeth (158)
Ind. Report. no. 3375

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Lloyd's Register
Foundation

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