

S. S. No. 121.
MIDSHIP SECTION.
LENGTH B. P. 229'-0" x 39'-0" BREADTH M_{BP} x 14'-6" DEPTH M_{BP}

79.7 % ERECTIONS.
TO CLASS 100 A.I. LLOYDS.
SCALE $\frac{1}{2}$ " = ONE FOOT.

RIVETING.

SECTION THRO' FORECASTLE DECK.

CENTRE GIRDER $3\frac{1}{2} \times 6$ FOR $30'$ TO $31'$ AL ENDS $30\frac{1}{2}$ IN BOILER SPACE.
 TANK MARGIN PLATE $2\frac{1}{2} \times 3\frac{1}{2}$ IN HOLDS & ENGINE SPACE $40'$ IN BOILER SPACE.
 TANK TOP CENTRE STRAKE $4\frac{1}{2} \times 3\frac{1}{2}$ FOR $30'$ TO $35'$ AT ENDS $40'$ IN BOILER SPACE.
 * * * PLATING $1\frac{1}{2}$ TO $3\frac{1}{2}$ IN HOLDS $1\frac{1}{2}$ TO $2\frac{1}{2}$ IN ENGINE SPACE $4\frac{1}{2}$ IN B.S.
 SOLID FLOORS ON EVERY FRAME $5" \times 8"$ IN HOLDS $4\frac{1}{2}$ IN B.S. IN W.T. FLOORS $3\frac{1}{2}"$
 CENTRE GIRDER TOP PLATE $5" \times 8"$ SINGLE $40'$ IN B.S. IN S. UNDER THRUST & FORD OF $3\frac{1}{2}$
 * * * * * BOTTOM ANGLES $5" \times 3\frac{1}{2}"$ SINGLE $40'$ IN B.S.
 SIDE GIRDER TOP ANGLES $5" \times 3\frac{1}{2}"$ $40'$ IN B.S. DOUBLE UNDER ENGINE & THRUST SEATS
 * * * * * BOTTOM ANGLES $5" \times 5\frac{1}{2}"$ VERTICAL ANGLES $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ $30\frac{1}{2}$ IN B.S.

UPPER DECK BEAMS 7'x8'x⁴⁰BA To
5'x2'x24" O.A. ON EVERY FRAME. KNEES AS PER PROFILE.
UPPER DECK HULL BEAMS 5'x3'x30" O.A. KNEES AS PER PROFILE.
BEAMS IN WAY OF DEEP BRACKETS 8'x3'x20" O.A.
DEEP BRACKETS 3/4" THICK IN VIEW OF BILGERS SPACED AS PER PROFILE.
UPPER DECK STRINGER PLATE 48"x5"x10" F.O.M. To 29'x34" AT ENDS.
" " PLATING 3/4" ABREAST OPENINGS 10" WITHIN LINE OF OPENINGS.
" " STRINGER ANGLE 12"x5"x5" FOR 10' To 29'x34" AT ENDS.
FRAMES TO UPPER DECK 5'x3'x31" O.A. SPACED 12"x4" APART & JOGGLED
FRAMES IN FORE PEAK 5'x3'x32" O.A.

SECTION THRO' BOILER SPACE

SECTION THRO' MACHINERY SPACE.

Messrs. J. Lewis & Sons

No. 121

Midship Section Plan.

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S. S. KINI.
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