

# MIDSHIP SECTION

SCALE 1/2" = 1 FOOT

LENGTH B.P. 400'0" BEAM MOULDED 50'-9 1/2" D.M. 30'0"

**POOP DECK.**  
BEAMS 5 1/2" x 3 1/2" B.A. ON EVERY FRAME  
STRINGER PLATE 48" x 1/2"  
ANGLE 3 1/2" x 3 1/2" x 1/2"  
IRON DECK 5/16" WITH 3" WOOD SHEATHING  
TWO ROWS OF PILLARS  
SIDE PLATING 7/20

**BRIDGE DECK.**  
BEAMS 6" x 3 1/2" B.A. ON EVERY FRAME  
STRONG BEAMS IN ENGINE SPACE & HATCH ENDS 10" x 3 1/2" x 1/2" B.A.  
STRINGER PLATE 54" x 1/2" ANGLE 3 1/2" x 3 1/2" x 1/2"  
IRON DECK 5/16" ALONGSIDE OPENINGS 1/16"

**FORECASTLE DECK**  
BEAMS 6" x 3 1/2" B.A. TO 6" x 3 1/2" ANGLES ON EVERY FRAME  
STRINGER ANGLE 3 1/2" x 3 1/2" x 1/2"  
IRON DECK 5/16" WITH 3" WOOD SHEATHING  
SIDE PLATING 7/20  
PILLARING EQUAL TO TWO ROWS

OVERLAPPED BUTTS DOUBLE RIVETED  
ON BRIDGE DECK.

WOOD SHEATHING OVER POOP & FORE 5" x 3" PITCH PINE

BRIDGE DECK

BEAM KNEES  
2 3/4 TIMES DEPTH OF BEAM

UNDER 48 FEET.

DOUBLE ANGLES  
3 1/2" x 3 1/2" x 1/2"

UPPER DECK.

BEAMS IN WAY OF BRIDGE 8" x 3 1/2" B.A. ON EVERY FRAME  
BEAMS CLEAR OF BRIDGE 7 1/2" x 3 1/2" B.A. ON EVERY FRAME  
STRONG BEAMS IN ENGINE SPACE PLATE 13" x 1/2" ANGLES 6" x 4" x 1/2"  
BEAMS AT HATCH ENDS PLATE 7 1/2" x 1/2" ANGLES 3 1/2" x 3 1/2" x 1/2" & 6" x 4" x 1/2"  
STRINGER PLATE 61" x 1/2" TO 48" x 1/2" INCREASED 7/20 FOR 3/4 LENGTH = 13" x 1/2"  
ANGLE IN ERECTIONS 4" x 4" x 1/2" IN WELLS 5" x 5" x 1/2"  
STEEL DECK 8" x 1/2" INCREASED IN WAY OF OPENINGS 6" x 6" x 1/2" at ends of bridge

PILLARS 2 3/4" DIA.  
2 FRAME SPACES APART  
CLEAR OF CASING & HATCHES  
3 1/8" DIA. 4 SPACES APART IN WAY  
OF HATCHES

UPPER DECK.

OVERLAPPED BUTTS QUADRUPLE RIVETED  
FOR 1/2 LENGTH TREBLE AT ENDS and in way of pillars

UNDER 50 FEET.

PLATE 10" x 1/2"

4 ANGLES  
6" x 4" x 1/2"

BEAM KNEES 2 3/4 TIMES  
DEPTH OF BEAM

IRON PLATE 14" x 1/2" IN FORE  
AND AFTER MAIN THREE DECK

UPPER DECK.

PLATE 10" x 1/2"

KNIFE 10" x 1/2"

ANGLES 6" x 4" x 1/2"

ANGLES 6" x 4" x 1/2"

PLATE AT HEAD  
OF STANCHIONS 12"

HATCH COAMING 7/20

SEE PROFILE FOR  
SIZES OF STANCHIONS

16" x 1/2" PLATES

HATCH COAMING CARRIED  
DOWN TO DEPTH OF END BEAM  
ONLY  
ANGLE 4" x 3 1/2" x 1/2"

SEE PROFILE FOR  
SIZES OF STANCHIONS

16" x 1/2" PLATES

## LLOYD'S NUMERALS

HALF BEAM MOULDED	25-43	25-395
DEPTH OF HOLD & FLOORS	31	31-082
HALF GIRTH	51-103	51-571
FRAME NO	10-1-13	101-292
LENGTH PER RULE	398-1	398-483
PLATING NO	40360	40322
EQUIPMENT NO	45558	
DEPTHS IN LENGTH	1284	

CLASS 100 A.1. THREE DECK.  
ALL BENT LINGS STEEL EXCEPT  
WHERE OTHERWISE SPECIFIED

HOLD STRINGERS  
PLATE 10" x 1/2"  
ANGLES 6 1/2" x 4 1/2" x 1/2"  
LUGS TO SHELL 3 1/2" x 3 1/2" x 1/2"

OP DECK BEAMS IN FORE HOLD  
BULB 10" x 1/2" 2 ANGLES 3 1/2" x 3 1/2" x 1/2"  
11" x 1/2"

FRAMES 10" x 3 1/2" BULB ANGLES FOR 3/4 LENGTH  
1/20 AT ENDS SPACED 25" APART  
INCREASED 1/20 IN WAY OF LARGE MAIN HATCHWAYS  
FRAMES ON BULKHEADS 6" x 3 1/2" x 1/2" DOUBLE ANGLES  
BULKHEADS UPPER PLATING 7/20 LOWER 8/20  
STIFFENERS 7 1/2" x 3 1/2" BULB ANGLES  
SPACED 4'0" APART VERTICALLY & HORIZONTALLY  
2 VERTICAL WEBS WHERE OVER 45' IN WIDTH  
SEMI-BOX BEAMS AS PER PROFILE  
FORGINGS STEEL 1 1/2" x 3 1/4" SCREEN FRAME 1 1/2" x 7 1/2"  
RUDDER HEAD 10"

BUTTS OF ALL SHELL QUADRUPLE  
RIVETED FOR 1/2 LENGTH  
TREBLE AT ENDS.

TANK TOP IN HOLDS 8" x 1/2" & 7 1/2" x 1/2" ENDS 7 1/2" x 1/2"  
" " IN ENGINE ROOM 7 1/2" x 1/2" UNDER ENGINES 7 1/2" x 1/2"  
" " " BOILER ROOM 7 1/2" x 1/2" IRON

OUTER TANK SIDE LUGS DOUBLE FOR 1/4 LENGTH  
FROM COLLISION BULKHEAD  
GUSSETS 25" x 1/2" ON EVERY 3<sup>RD</sup> FRAME

ANGLE SPACED  
8" x 3 1/2" x 1/2"

TOP PLATE 12"  
SIDE PLATES 12"  
ANGLES 3 1/2" x 3 1/2" x 1/2"

STEEL FOR PILLARS  
TANK TOP CENTRE 60" x 16" x 1/2" IN BOILER SPACE

ANGLES 4" x 4" x 1/2"

CENTRE KEELSON 15" x 11" x 1/2" BOILER SPACE 12"  
DOUBLE LUGS FOR 1/2 LENGTH

BUTTS TREBLE RIVETED THROUGHOUT

ANGLES 4 1/2" x 4 1/2" x 1/2"

TANK SIDE BUTTS TREBLE FOR 1/2 LENGTH  
DOUBLE AT ENDS  
TANK SIDE 3 1/2" x 1/2" IN BOILER SPACE  
ANGLE 4" x 4" x 1/2"

D 13-10/20  
C 13-10/20  
REDUCED 1/20 IN WAY OF DOUBLE BOTTOM.

B 14-13/20  
A 48" x 21" x 1/2" NO KEEL DOUBLING  
BUTTS DOUBLE STRAPS  
TREBLE RIVETED  
FOR 3/4 LENGTH.

FLOORS FLANGED TOP & BOTTOM 7/20  
UNDER ENGINES NOT FLANGED 8/20 UNDER BOILERS 1/20  
TANK INTERCOSTALS FLANGED TOP & BOTTOM 7/20  
VERTICAL LUGS ON FLOORS 3 1/2" x 3 1/2" x 1/2"  
ALL PARTS OF DOUBLE BOTTOM INCREASED IN BOILER SPACE  
AS PER TABLE 5<sup>TH</sup>

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Midship Section

No. 287

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