

MIDSHIP SECTION

SS No 322

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

LENGTH PER RULE 350'-3"

BEAM PER RULE 44'-9"

DEPTH MOULDED (SPAR DECK) 27'-9"

CLASS 100 A1 SPAR DECK STEEL

Memo

POOP STRINGER 30'-20"
ANGLE 3 1/2" x 3 1/2" x 3/8"
DECK 1/2" MIN OR 1/4" STEEL

FORECASTLE STRINGER 30'-20"
ANGLE 3 1/2" x 3 1/2" x 3/8"
CEILING 1/2" MIN OR 1/4" STEEL WOOD SHEATHING

BRIDGE STRINGER 48'-10"
BUTTS OVERLAPPED & DOUBLE RIVETED

BRIDGE DECK THROUGH BEAMS 6'-3" x 10" ANGLE SPACED 26" APART
HALF BEAMS 6'-3" x 10" ANGLE SPACED 26" APART
STRONG BEAMS ACROSS ENGINE SPACE 9'-3" x 10" BULB ANGLE SPACED 24" APART
POOP DECK BEAMS 6'-3" x 10" ANGLE SPACED 26" 6'-3" x 10" ANGLE SPACED 24" APART
FORECASTLE BEAMS 6'-3" x 10" BULB ANGLE SPACED 52" 6'-3" x 10" BULB ANGLE SPACED 48" APART
REDUCED TO 7'-3" x 10" B.A. WHERE LESS THAN 21 FEET LONG DOUBLED WITH 3'-3" x 10" ANGLE UNDER

SPAR DECK STRINGER 54'-10" TO 40'-10" AT ENDS
1/2" FOR 1/2" LENGTH AMIDSHIPS & FURTHER
INCREASED 1/2" FOR 1/2" LENGTH IN LIEU OF DOUBLING
BUTTS OVERLAPPED & QUADRUPLE RIVETED FOR 1/2" LENGTH

STEEL DECK 20" INCREASED TO 20" IN WAY OF HALF BEAMS
ON ALTERNATE FRAMES BUTTS DOUBLE FOR 1/2" LENGTH SINGLE AT ENDS

ANGLE 4'-4" x 10" IN LIEU OF INTERCOSTAL GIRDER

SPAR DECK THROUGH BEAMS UNDER BRIDGE 11'-3" x 10" BULB ANGLE WITH 3 1/2" x 3 1/2" ANGLE SPACED 52" APART
SPAR DECK HALF BEAMS UNDER BRIDGE 10'-3" x 10" BULB ANGLE 52" APART
SPAR DECK THROUGH BEAMS CLEAR OF BRIDGE 11'-3" x 10" BULB ANGLE SPACED 52" APART
REDUCED WHERE LESS THAN 21'-0" LONG TO 9'-3" x 10" B.A. 52" APART & FURTHER REDUCED
WHERE LESS THAN 21'-0" TO 8'-3" x 10" BULB ANGLE 48" APART

SPAR DECK HALF BEAMS IN WELLS 9'-3" x 10" BULB ANGLE 52" APART
BEAMS AT END OF HATCHES 11'-3" x 10" BULB ANGLE 52" APART
STRONG BEAMS ACROSS ENGINE SPACE PLATE 11'-3" x 10" ANGLE 5'-4" x 10"

STEEL DECK 20" INCREASED TO 20" IN WAY OF HALF BEAMS ON ALTERNATE FRAMES
BUTTS DOUBLE FOR 1/2" LENGTH AMIDSHIPS SINGLE AT ENDS

ANGLE 4'-4" x 10" IN LIEU OF INTERCOSTAL GIRDER

MAIN DECK THROUGH BEAMS 11'-3" x 10" BULB ANGLE WITH 3 1/2" x 3 1/2" ANGLE SPACED 52" APART
REDUCED WHERE LESS THAN 21'-0" LONG TO 10'-3" x 10" B.A. 52" APART
& FURTHER REDUCED WHERE LESS THAN 21'-0" TO 9'-3" x 10" B.A. 48" APART
MAIN DECK HALF BEAMS 10'-3" x 10" BULB ANGLE 52" APART
BEAMS AT TOP OF AFTER PEAK TANK 9'-3" x 10" B.A. REDUCED AS PER RULE SPACED 24" APART
BEAMS AT ENDS OF HATCHES 11'-3" x 10" BULB ANGLE 52" APART
STRONG BEAMS ACROSS ENGINE SPACE PLATE 11'-3" x 10" ANGLE 5'-4" x 10"

PILLARS 3" DIA AT SIDES OF HATCHES
SPACED AS PER PROFILE
INCREASED AT ENDS AS PER RULE

FRAMES SPACED 24" APART IN PEAKS REMAINDER 26" APART
FRAMES FROM AFTER PEAK BULKHEAD TO FORE PEAK BULKHEAD 6'-3" x 10" ANGLE
WITH 6'-3" x 10" REVERSE ANGLE MAKING 9" DEEP FRAME
FRAMES IN BOTH PEAKS 5'-3" x 10" ANGLE WITH 3 1/2" x 3 1/2" REVERSE ANGLE
FRAMES ON BULKHEADS 5'-3" x 10" SINGLE ANGLE
FRAMES ON WELLS IN ENGINE ROOM 5'-3" x 10" ANGLE
REVERSE FRAMES ON WELLS IN ENGINE ROOM 6'-4" x 10" SINGLE ANGLE

FRAMES ON DEEP FLOORS 3 1/2" x 3 1/2" ANGLE DOUBLE FROM 1/2" LENGTH FORWARD
TO COLLISION BULKHEAD REMAINDER SINGLE
INTERMEDIATE FRAMES 5'-3" x 10" ANGLE
REVERSE FRAMES ON DEEP FLOORS 3 1/2" x 3 1/2" ANGLE IN HOLDS
3 1/2" x 3 1/2" ANGLE UNDER ENGINES

FLOOR PLATES 20" SPACED 26" APART UNDER ENGINES & FROM 1/2" LENGTH
FORWARD TO COLLISION BULKHEAD REMAINDER 52" APART
TANK TOP IS INCREASED 20" IN HOLDS IN LIEU OF INTERMEDIATE REVERSE BARS
CEILING FITTED ON TANK TOP
TANK TOP IN HOLDS 20" STEEL PLATE 1/2" THICK WHERE FLOORS ARE 52" APART
TANK TOP IN ENGINE SPACE 20" STEEL PLATE 1/2" THICK BOILER SPACE 1/2" STEEL PLATE 1/2" THICK
TANK TOP BUTTS DOUBLE RIVETED FOR 1/2" LENGTH SINGLE AT ENDS

5'-3" x 10" SINGLE ANGLE FROM AFTER 1/2" LENGTH TO COLLISION BULKHEAD WITH 14" RIVETS
IN EACH FLANGE WITH BULKHEADS IN EACH FLANGE DOUBLE POINTS
3 1/2" x 3 1/2" ANGLE ON REMAINDER

SIDE STRINGERS
PLATE 15'-3" x 10"
SHELL LUGS 3 1/2" x 3 1/2" x 3/8"
FACE BAR 6'-4" x 10"

5'-3" x 10" SINGLE ANGLE FROM AFTER 1/2" LENGTH TO COLLISION BULKHEAD WITH 14" RIVETS
IN EACH FLANGE WITH BULKHEADS IN EACH FLANGE DOUBLE POINTS
3 1/2" x 3 1/2" ANGLE ON REMAINDER

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IN EACH FLANGE WITH BULKHEADS IN EACH FLANGE DOUBLE POINTS
3 1/2" x 3 1/2" ANGLE ON REMAINDER

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IN EACH FLANGE WITH BULKHEADS IN EACH FLANGE DOUBLE POINTS
3 1/2" x 3 1/2" ANGLE ON REMAINDER

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IN EACH FLANGE WITH BULKHEADS IN EACH FLANGE DOUBLE POINTS
3 1/2" x 3 1/2" ANGLE ON REMAINDER

NUMERALS	
1/2" GIRTH	38-833
1/2" BEAM	22-375
DEPTH	20-708
FRAME NO	81-916
LENGTH	350-25
PLATING NO	28891
DEPTH TO LENGTH	12-22 (SPAR DECK)
	16-91 (MAIN DECK)
BEAM TO LENGTH	4-82
EQUIPMENT NO	350-25-97-832 = 34263
ERECTOR'S	
P 108-25	
P 31-12	
181-25 x 7 x 1.5	1903
Overhauls 55-33 x 7	394
	30560

EQUIPMENT	
2 STOCKLESS ANCHORS	52-2-0
1 -	44-2-0
1 STREAM ANCHOR	14-0-0
1 KEDGE	6-0-0
240 FATHOMS 2 1/2" STUB CHAIN CABLE	
40 - 1 1/2" STUB CHAIN CABLE OR 4 1/2" STEEL WIRE	
120 - 1 1/2" HEMP OR 4 1/2" STEEL WIRE TOWLINE	
4 40 - 1/2" HEMP OR 4 1/2" STEEL WIRE WARPS	

SCREW FRAME	11'-6"
STEM BAR	10 1/2" x 2 1/2"
RUGGER HEAD	9" DIA
HEEL	6 1/2"
PINS	4 1/2"
SINGLE PLATE	2 1/2" x 10"

RIVETS TO SHEEL 6" DIA APART
1/2" DIA IN FLAT OF BOTTOM
FROM 1/2" L FORB
6" DIA TO SPAR DECK IN AFTER PEAK
6" - FORE PEAK TOP, 7" DIA ABOVE

SINGLE 5'-3" x 10" ANGLE WITH 14" RIVETS
IN EACH FLANGE ON FLOORS TO C.K. FOR 1/2" LEN

CENTRE KEELSON 4 1/2" x 10" x 1/2" IN BOILER DECK
BUTTS ALL DOUBLE OVERLAPS

LUGS ON SOLID FLOORS DOUBLE FOR 1/2" LENGTH AMIDSHIPS

KEEL PLATE 48" x 10" x 1/2" FOR 1/2" LENGTH

1 RIVETS IN BARS, BUTTS & SEAMS
BUTTS ALL TREBLE OVERLAPS
WITH DOUBLE STRAPS
NO KEEL DOUBLING

IN S.S. 322 ONLY - FLOORS IN BOILER WELL 24'-4" x 12'-0"

NOTE: 2 STRINGS NEXT TO GABBOARD MAINTAIN
THICKNESS TO COLLISION BULKHEAD

PLAN No 10431



S/S Mimosa

Bureau Hunt Bros

322

"
S/S Mimosa

Old L. E. No 22289



RECEIVED



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