

S.S. No. 74.

MIDSHIP SECTION.

SCALE 1/2" = 1 FOOT.

EQUIPMENT.

2 Bows 40 Cwt
1 " 34

2 Bows Anchors 32 " each
1 " 27 " " } All ca Stock.
1 Stream 10 " 16 " }
1 Hedge 5 " 5 " }
1 " 2 " }
270 Fathoms 1/4" Stud Chain Cable.
75 " 1/4" Stream Chain.
90 " 12 Hemp Towline or 1/4" Steel Wire.
90 " 9/2 " Hawsers + 3/4 " " "
90 " 7/2 " Warp.

DIMENSIONS.

Length between perp. 290' 0"
Beam Extreme 38' 0"
Beam Moulded 37' 10"
Depth to floor line 20' 11 1/2"
Depth Moulded 22' 2"
Round of Beam 9 1/4"

Class 100 A.

NUMERALS.

Half Beam 18' 11"
Depth from top of Keel 22' 11 1/2"
Half Beam 37' 0"
Length 78' 10 1/2" - Small 76"
22729.69 - Large 78"
Add 2555.64
25285.33 - Equipment 76"
25314

12 and under 13 depths to Length.
7 1/2 " 8 Beams.

1/2" for half length amidships red. to 1/2" at ends, increased to 1/2" at breaks. Butts bled rivetted and 1/2" thicker than plates, butts bled for 1/2" length, remainder 1/2" thicker in way of breaks.
Doubling in way of Breaks.

1/2" double.
42 x 1/2" for 1/2" length amidships red. to 1/2" at ends, increased 1/2" for 1/2" length amidships, doubled 20' at front.

1/2" for 1/2" length amidships red. to 1/2" at ends, increased 1/2" for 1/2" length.

1/2" for 1/2" length amidships red. to 1/2" at ends.

1/2" for half length amidships red. to 1/2" at ends.

1/2" for 1/2" length amidships red. to 1/2" at ends.

1/2" double.

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1/2" for 1/2" length amidships red. to 1/2" at ends.

MAIN & QUARTER DECK BEAMS.

Built angle beams 6 x 3 x 1/2"
Bull beams at Hatch ends 9 x 1/2" with Single bar 5 x 4 x 1/2"
Bull beams at Web frames on Iron deck 9 x 1/2" with double angles 5 x 3 x 1/2"

LOWER DECK.

Stringer plate 38 x 1/2" amidships, 27 x 1/2" at ends.
Butt lapped & double rivetted.
Bull beams 9 x 1/2" double angles 3 x 3 x 1/2" on alternate frames.
at Hatch ends 10 x 1/2", angles 6 x 4 x 1/2"
to have Covering plate 8 x 1/2"
Gusset plate 6 x 3 x 1/2"
Angle inside Reverse bars & lugs, to Shell 4 x 4 x 1/2" amidships, 1/2" at ends.
Beams in way of web frames, built 10 x 1/2", double angles 5 x 3 x 1/2" & 1/2"

WEB FRAMES & STRINGERS.

Web frames 18 x 1/2" for 1/2" length amidships, 1/2" at ends.
double angles on inner edge 3 x 3 x 1/2" for 1/2" length, 1/2" at ends.
Diamond plates 30 x 24 x 1/2"
Stringer plates 18 x 1/2" for 1/2" length amidships, 1/2" at ends.
Angles lugs 3 x 3 x 1/2" for 1/2" length amidships, 1/2" at ends.
web frames spaced as per Longitudinal plan

FORGINGS.

Steel post 11 x 3 1/2"
11 x 2 1/2" at head
Slan 10 x 2 1/2"
head 10 x 2 1/2"
Rudder head 1/2"
heel 3 1/2"

DOUBLE BOTTOM.

Centre Girder plate 1/2" from bottom of Keel, 1/2" for 1/2" length, 1/2" at ends.
Butts lapped & double rivetted.
Angles 4 x 4 x 1/2" for 1/2" length amidships, 1/2" at ends.
Side Intercoastal plates 1/2" thick.
Tank Margin plate 24 x 1/2", Tank side bar 35 x 35 x 1/2"
Angles on Floor tops and Intercoastal Vertical angles 5 x 3 x 1/2"
Middle line Strake 1/2" for 1/2" length, 1/2" at ends.
Butts & edges double rivetted, all fore & aft.
Tank top plating in Engine & Boiler Space 1/2" thick, Holds 1/2"
Butts double rivetted for 1/2" length amidships, Single at ends.
Iron floor plates in one length from Centre to Tank Side 1/2" thick on every frame.

BRIDGE DECK.

Stringer plate 40 x 1/2", Butts double rivetted.
Bar 4 x 1/2"
Beams on every frame 5 x 3 x 1/2"
Iron deck 1/2" Butts & Lugs Single rivetted.
Girders under beams for pillars, 3 x 3 x 1/2" angle.

FORECASTLE DECK.

Stringer plate 27 x 1/2", Butts double rivetted.
Bar 3 x 3 x 1/2"
Iron deck 1/2" thick, Butts & Seams Single.
Angle Beams 5 x 3 x 1/2" on every frame.
Bull beams 7 x 1/2" under Windlads.
Girders under beams for pillars, 3 x 3 x 1/2" angle.

MAIN & QUARTER DECK STRINGERS.

Stringer plate 42 x 1/2" for 1/2" length amidships, 33 x 1/2" at ends.
Butts lapped & treble rivetted for 1/2" length amidships.
Straps at ends double rivetted.
Gunwale bars 10 x 1/2" for 1/2" length amidships, 1/2" at ends.
Angle inside Rev. bars & lugs to Shell 4 x 4 x 1/2" to front end.
1/2" from deck 1/2" thick, Butts double for 1/2" length, Single at ends.
for 1/2" length amidships.

WEB FRAMES & STRINGERS.

Web frames 16 x 1/2" for 1/2" length, 1/2" at ends.
Stringer plate 16 x 1/2" " " " "
Web frame & Stringer angles 3 x 3 x 1/2" for 1/2" length, 1/2" at ends.
Spec'd as per Longitudinal plan.
Diamond plates 30 x 24 x 1/2"
Horizontal Stiffeners 4-0 apart, Size as frames.
Jurnal 1/2" thick, 1/2" or 1/2" under pillars.
Stiffeners 3 x 3 x 1/2" 3 ft apart under pillars.

FRAMES & REVERSE BARS.

Frames spaced 24" apart Centre to Centre.
5 x 3 x 1/2" for 1/2" amidships, 1/2" at ends.
Reverse bars 5 x 3 x 1/2".
Double under Engine & Boiler Seating.
Frames on deep floors 3 x 3 x 1/2" amidships, 1/2" at ends.

Noted
19/9/90

Sirvine H^os No 74.

~~N. Hpt. Report N^o. 8636~~

Geo. 1st Entry No. 8696

S. S. Norton.

HPL 366-0183

[Faint handwritten notes or bleed-through from the reverse side.]

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Book Deck

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