

Average space...

BEAMS, Lower Deck, Hold, or Orlop
Single or double Ang. Iron, Plate or Tee Bulb Iron
Single or double Angle Iron on Upper Edge

8	x	2	2	x	2
3	3	6	3	3	6
Average space... <i>5-6 12 spaces of frames</i>					
17	x	12	14	x	12
11	x	12	10 3/4	x	12
5	4	9	5	4	9
23	x	2			2
5	4	9	5	4	9
3	3	7	3	3	7
5	4	9	5	4	9
12	x	2			2
3	3	7	3	3	7
5	4	9	5	4	9
9 1/2	x	2	9 1/2	x	2
3	3	7	3	3	7

KEELSONS Centre line, single or double plate, }
Box, or Intercostal, Plates }
" Rider Plate }
" Bulb Plate to Intercostal Keelson }
" Angle Irons }
" Double Angle Iron Side Keelson }
" Side Intercostal Plate }
" do. Angle Irons }
" Attached to outside plating with angle iron }

BILGE Angle Irons }
" do. Bulb Iron }
" do. Intercostal plates riveted to }
plating for *3/5* length }

BILGE STRINGER Angle Irons }
Intercostal plates riveted to plating for }
1/2 length }

SIDE STRINGER Angle Irons }
angles }

Transoms, material. Knight-heads. Hawse Timbers. *Iron*

Windlass *Booster Harfield's* Pall Butt *Patent*

The **FRAMES** extend in *one* length from *Keel* to *Gunwale*

The **REVERSED ANGLE IRONS** on floors and frames extend *from across* middle line to *M.D.S.A.S.*

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? *Yes*

PLATING. Garboard, double riveted to Keel, with rivets *1 1/2* in. diameter, averaging *5 1/2* ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets *7/8* in. diameter, averaging *4* ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets *7/8* in. diameter, averaging *3 7/8* ins. from centre to centre.

Butts of *three* Strakes at Bilge for *half* length, treble riveted with Butt Straps *to* thicker than the plates they connect.

Edges from bilge to *upper deck* Main Sheerstrake, worked clencher, double or single riveted; with rivets *7/8* in. diameter, averaging *4* ins. from cr. to cr.

Butts from Bilge to *upper deck* Main Sheerstrake, worked carvel, double riveted; with rivets *7/8* in. diameter, averaging *3 7/8* ins. from cr. to cr.

Edges of Main Sheerstrake, double or single riveted. Upper Sheerstrake, double or single riveted.

Butts of Main Sheerstrake, treble riveted for *half* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted *half* length amidships.

Butts of Main Stringer Plate, treble riveted for *half* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for *half* length.

Breadth of laps of plating in double riveting *5 1/2* Breadth of laps of plating in single riveting *5 1/2*

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? *treble and double riveted*

Waterway, how secured to Beams *Iron Gutter* (Explain by Sketch, if necessary.)

Beams of the various Decks, how secured to the sides? *Welded knees riveted to frames*

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Angles and bulbs from*

Manufacturer's name or trade mark, *Palmer's Farrow, Tyzack, Sunderland, & Hopkins's Colles, Plate, West Stockton*

The above is a correct description.

Builder's Signature, *Tom Reed* Surveyor's Signature, *J. H. Cook*

Is the Stringer Plate attached to the outside plating? *Yes*

Angle Irons on ditto, No. *2*

Tie Plates, outside Hatchways *4 x 4 x 9 4 x 4 x 9*

Diagonal Tie Plates on Beams, No. of pairs *13 10 13 10*

Waterways materials and scantlings *Iron Cutters*

Flat of Middle Deck do. *Yellow Pine 3 1/2*

How fastened to Beams *3 1/2*

Stringer Plates on ends of Lower Deck, Hold or Orlop Beams *screw bolts 3 1/2*

Is the Stringer Plate attached to the outside plating? *Yes*

Angle Irons on ditto, No. *2*

Stringer or Tie Plates, outside Hatchways *4 x 4 x 9 4 x 4 x 9*

Flat of Lower Deck *Iron*

Ceiling between Decks, thickness and material in hold *do. Baltic Wood 2 1/2*

Main piece of Rudder, diameter at head *2 1/2* at heel *2 1/2*

Can the Rudder be unshipped afloat? *Yes*

Bulkheads No. *4* Thickness of *6*

Height up *3/4* the upper deck & the after one to the middle

How secured to sides of ship *Double frames*

Size of Vertical Angle Irons *3 x 3 + 7/8* and distance apart *30* ins.

Are the outside Plates doubled two spaces of Frames in length? *Yes*

Keel where an iron plate is fitted

2000

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Lloyd's Register Foundation

Date _____
No. 135 in builder's yard.

DATE of
held while
as per S

- and before the decks were laid....)
- 4th. When the ship was complete, and before the plating was finally coated or cemented..)
- 5th. After the ship was launched and equipped

29. Oct 3. 11. 15. 19. 22.

General Remarks (State quality of workmanship, &c.)

This is a sister ship to the "Gante" Report No 13697.
 She has a Topgallant-forecastle (open at the after end) 34 feet in length, and
 Poop 118 feet in length; the upper deck beams are plated over between
 the fore and aft tie plates and the stringer plates with $\frac{1}{16}$ " plates, and
 the plating extends from the second beam before the main hatchway,
 to the fourth beam within the Poop, the length being 42 feet; and the
 sheerstrake is doubled at the break for a length of 24 feet.
 She is fitted with a water ballast tank 26 feet in length at the
 fore part of the fore hold, and one abaft the longer space 52 feet in
 length, the top plates are $\frac{1}{16}$ " and the side plates $\frac{1}{16}$ " in thickness.
 Tanks tested with a head of water to the height of the load line, and
 found satisfactory. The general quality of the workmanship is
 good.

State if one, two, or three, decked vessel, or if spar, or awning decked; and the lengths of poop, fore-castle, or raised quarter deck, and the length of double, or part double bottom.

How are the surfaces preserved from oxidation? Inside Cement & Paint Outside Paint
I am of opinion this Vessel should be Classed 100 A.1. Two decks and three tiers of beams.

The amount of the Entry Fee ... £ 5 : : : is received by me,
Special ... £ 65 : 17 : 27 Oct 1877

on 1634 See Memo. annexed
Certificate ...

(Travelling Expenses, if any, £ _____).
Committee's Minute 30th October, 1877.

100 A.1.

A.1. M.B.
Lloyd's M.B.
double bottom

This vessel appears to be classed 100 A.1. recommended

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29/10/77

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