


2229

Rev 28/2/60



Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft)	Inches in Ship.			Inches required per Rule.		
	Inches. In Ship.	Inches. In Ship.	16ths In Ship.	Inches. required per Rule.	Inches. required per Rule.	16ths required per Rule.
Floors, Size of Angle Iron, and No. / at bottom of Floor Plate.....	4	3	7/16	4	3	7/16
„ depth and thickness of Floor Plate at mid line .....	10	✓	8/16	17	✓	8/16
„ depth and thickness of Floor Plate at Bilge Keelson .....	4	✓	8/16	4	✓	8/16
„ Size of Reversed Angle Iron, and No. / at top of Floor Plate..	3	3	5/8	3	2 3/4	5/8
Frames, Size of Angle Iron, single or double..	4	3	7/16	4	3	7/16
„ „ Reversed Iron, if to every frame or every other frame.....	3	3	5/8	3	2 3/4	5/8
Beams, Deck (N°. 52 ) double Angle Iron or Bulb Iron with double Angle Iron on top .....	3	2 1/2	5/8	3	2 1/4	5/8
„ „ depth & thickness of plate amidships	7 1/2	✓	7/16	7	✓	7/16
„ „ double or single Angle Iron, on lower edge .....	✓	✓	✓	✓	✓	✓
„ „ average space between .....	3/0	✓	3/4	✓	✓	✓
„ „ if wood (N°. ) sided & moulded	✓	✓	✓	✓	✓	✓
„ Hold, or Lower Deck (N°. 30 ) double Angle Iron or Bulb Iron with double Angle Iron on top	3	2 1/2	5/8	3	2 1/4	5/8
„ „ depth & thickness of plate amidships	7 1/2	✓	7/16	7	✓	7/16
„ „ double or single Angle Iron, on lower edge .....	✓	✓	✓	✓	✓	✓
„ „ average space between .....	3/0	✓	3/4	✓	✓	✓
„ „ if wood (N°. ) sided & moulded	✓	✓	✓	✓	✓	✓
„ Paddle, wood, sided and moulded or if Iron, size of Plate	✓	✓	✓	✓	✓	✓
„ Engine „ „ „ „	✓	✓	✓	✓	✓	✓
Keelson, wood, sided & moulded, iron, size of plate, if Ben, give sketch & dimensions	20	✓	1/2	23	✓	1/2
„ Side or Bilge double L-iron back to back	3	3	9/16	4 1/2	3 1/2	7/16
„ Number .....	2/10	✓	✓	✓	✓	✓

The Frames or Ribs extend in one length from Keel to Gumwall rivetted through plates with ( $\frac{3}{4}$  in.) rivets, about ( 6 ) apart.

Keelson, how are the various lengths of plates or angle irons connected? Intercoastal with 4 Angle Irons above Floors & <sup>bulk shaft</sup> 5 x 5.  
 Plates, Garboard, double ~~or single~~ rivetted to keel & at upper edge, with rivets ( 1 1/4 ins.) diameter averaging ( 4 in. ) from centre to centre of rivet.

„ Butts from Keel to turn of bilge, worked carvel with a lining piece ( $\frac{2\frac{1}{2}}{16}$ ) thick, double ~~or single~~ rivetted; rivets ( $\frac{3}{4}$  in.) diameter, averaging (3 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? *in an alternate*

„ Butts from bilge to planksheers, worked carvel with a lining piece ( $\frac{8 \times 9}{16}$ ) thick, ~~or clencher, double or single~~ <sup>double</sup> rivetted; rivets ( $\frac{3}{4}$  in.) diameter averaging ( $3$  ins.) from centre to centre of rivets. Breadth of laps in double rivetting ( $3\frac{3}{4}$  ~~4~~) Breadth of laps in single rivetting ( $2\frac{1}{4}$  ~~2~~)  $2\frac{1}{2}$

Side trussing \_\_\_\_\_ breadth and thickness of plates \_\_\_\_\_ how secured? *S*  
Deck trussing                    "                    "                    *10 1/2 x 1/2*                    "                    "                    ? *Riveted to beams, stringers & tie plates*

Paddle " " No. of breasthooks 6 crutches Bridge Kulsons and stringers plates connected at ends how are pointers compensated

IRON 434 - 0328

IRON 434 - 0328



2229 Iron

**Workmanship.** Are the lands or laps of the clenchwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? yes

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? yes

Do the fillings between the ribs and plates fill in solid with single pieces, ~~or are they in short lengths of various thicknesses?~~ yes

Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? yes and are the rivet holes well and sufficiently countersunk in the outer plate? yes

Are there any rivets which either break into or have been put through the seams or butts of the plating? very few

Her Masts, Yards, &c., are in good condition, and sufficient in size and length.  
She has SAILS.

N <sup>o</sup> .		CABLES, &c.		ANCHORS, and their weights.	
		Fathoms.	Inches.	N <sup>o</sup> .	Weight.
	Fore Sails,	Chain .....	240 1 5/16	Bower, .....	1-16.2.14 1-16.0.14 1-15.0.0
	Fore Top Sails,	Hempen Stream Cable .....	70 7		
	Fore Topmast Stay Sails,	Hawser .....	60 5/4	Stream, .....	1-4.0.17
	Main Sails,	Towlines .....	73 8		
	Main Top Sails,	Warp .....	70 6	Kedge, .....	1-2.0.0
and		All of <u>good</u> quality.	70 5		

Her Standing and Running Rigging Wire & Hempen sufficient in size and good in quality.

She has One Long Boat and three others

The present state of the Windlass is efficient Capstan DM and Rudder and Pumps efficient

**General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.**

DATES of Surveys held while building, as per Section 17.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought Sept 17<sup>th</sup> 1860
- 2nd. On the plating during the progress of rivetting 20<sup>th</sup> April 1860
- 3rd. When the beams were in and fastened, and before the decks were laid 20<sup>th</sup> April 1860
- 4th. When the ship was complete, and before the plating was finally coated 2<sup>nd</sup> June
- 5th. After the ship was launched 30<sup>th</sup> July 1860

In what manner are the surfaces preserved from oxidation? Inside two coats of Red Lead and Outside with 3 Coats of Red Lead; Bottom cemented with Portland Cement

I am of opinion this Vessel should be classed GA1

The amount of the Fee .....£ 5 : 0 : 0 is received by me,

Special .....£ 34 : 18 : 0

Certificate (if required) .....£ : :

Committee's Minute 24<sup>th</sup> August 1860

Character assigned GA1 for 4 years

Edmund Bouchman  
Thomas Lawrence

I concur in the above Recommendation

23 Aug 1860  
Lloyd's Register  
Foundation