

27908 Lon.

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, Galvanized Iron, or Iron.

| | Copper or Y.M. in Ship. | Iron in Ship. | Inches required per Rule | | Copper or Y.M. in Ship. | Iron in Ship. | Inches required per Rule | | Copper or Y.M. in Ship. | Iron in Ship. | Incl. requ. per R. |
|---|-------------------------|---------------|--------------------------|---------------------------------|-------------------------|---------------|--------------------------|--------------------------------|-------------------------|-----------------|--------------------|
| Deadwood forward and aft .. | 1 3/8 | 1 1/2 | | iron plates | 1 3/8 | 1 1/2 | | Hold Beam | | | |
| Scarp of Keel, N ^o 7 | 1 1/8 | | | Transoms and throats of Hooks | 1 3/8 | 1 1/2 | | Bolts in | Waterway | | |
| Keelson Bolts through Keel at each Floor | 1 1/4 | | | Arms of Hooks | 1 3/8 | 1 1/2 | | | Knees | | |
| Bolts through Iron Keel Plate and Wood Keel | | | | Thro' Frames and Planking | 1 3/8 | 1 1/2 | | Deck Beam | Waterway | plate in wat | |
| | | | | Butt End Bolts .. | 1 3/8 | 1 1/2 | | Bolts in | Knees | of the Riggings | |
| | | | | Pintles of the Rudder .. | 3 1/2 | | | | Shelf or Clamp | to each knee | |
| | | | | | | | | Nails or Bolts in Flat of Deck | Shelf or Clamp | riveted to ribs | |

Bowsprit White Oak Vancouver pine masts good condition, and sufficient in size and length. If they are of Iron or Steel give the Her Masts, Bowsprit, Yards, &c., are in good condition, and sufficient in size and length. If they are of Iron or Steel give the Scanlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name.

as per Rule. Chain plates and bolts of galvanized iron, and none below the prescribed height fastened "eternally" through the floors with treenails, and yellow metal, through the iron frames, with pure copper to the exclusion of iron, from the lower part of keel up to the height of one fifth of the depth of hold, below the upper side of the upper deck.

| No. | She has SAILS. | CABLES, &c. | Fathoms. | Inches. | Test as per Certificate. | In. req'd per Rule. | Test req'd per Rule. | ANCHORS, &c. | N ^o . | Weight Ex. Stock. | Test as per Certificate. | Weight req'd per Rule. | Test req'd per Rule. |
|--------------------------|----------------|------------------------|----------|---------|--------------------------|---------------------|----------------------|--------------|------------------|-------------------|--------------------------|------------------------|----------------------|
| Fore Sails, | | Chain | 300 | 1 3/4 | 55 1/2 | 1 3/4 | 55 1/2 | Bowers | 3 | 30.0.6 | 28.13 | 30 | 28 5/10 |
| Fore Top Sails, | | Iron Hawser | 90 | 15/16 | 15 3/4 | 15 3/4 | 15 3/4 | Stream | 1 | 11.3.8 | 10.1.0 | 7.3.0 | |
| Fore Topmast Stay Sails, | | Hempen Stream Cable .. | 90 | 15/16 | 15 3/4 | 15 3/4 | 15 3/4 | Kedges | | | | | |
| Main Sails, | | Hawser | 90 | 10 | | | | | | | | | |
| Main Top Sails, | | Towlines | 90 | 8 | | | | | | | | | |
| | | Warp | 90 | 5 | | | | | | | | | |
| | | All of best quality. | | | | | | | | | | | |

Her Standing and Running Rigging is of galvanized wire sufficient in size and good & new in quality. She has two safety, a Long Boat and Cutter or gig. The present state of the Windlass is efficient. Capstans efficient and Rudder efficient. Pumps efficient.

- Order for Special Survey
- 1st. Examination of the wood keel, stem, stern post, and deadwood before they are coated
 - 2nd. Of the frame before it is painted, strapped, or plated
 - 3rd. Of all the beams, stringers, plates, &c., when in place, rivetted-up ready to receive the planking
 - 4th. When the vessel is planked outside, dubbed fair, and all the fastenings completed, but before she is either caulked, coated, or cemented, so that the inside and outside of the planking, and the bolts and their nuts, may be carefully examined
 - 5th. When the vessel is caulked and completed
 - 6th. When the vessel is launched and equipped
- Order for Ordinary Survey while building
- State if she has a Spar Deck no Poop 52 ft long or Forecastle 28 ft long.

General Remarks, except a few coated bolts put in, on the port side and through the planks and iron frames, at the bilge, and at about 1/2 of the centre of ship, below the hold beams, for experiment, and reported to have been sanctioned. G. W. Joseph Ritchie's Patent.

This ship is similar in construction to several others, built at the Yard which is well known on this river, and is believed essentially copper fastened, and diagonally trussed & twin decks, all fore and aft with bars of iron 3 1/2 ins broad, by 3/16 thick, and 2 ft apart.

In what manner are the surfaces of Iron Work preserved from oxidation by red lead and other paint
 Present condition of Caulking of Bottom good Deck, good and Waterways good
 If Sheathed, Doubled, Felted, or Coppered sheathed with pine on felt diagonally with Baltic pine 1 1/8 thick fastened with yellow metal. When last done now, up to the height of 19 ft.

I am of opinion this Vessel should be Classed 8.1.1
 The Amount of the Fee.....£ 5 : : is received by me, Samuel Messing.
 Special£ 10 : 10 :
 Certificate£ : 5 :

Committee's Minute 29 November 18 54
 Character assigned 1 for 8 Years
Exp 18 53

