

RULES AND REGULATIONS (IRON SHIPS).

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and tie plates. The bolts must be properly sunk, *with oakum and white lead under their heads*, and be carefully covered over with turned dowels, bedded in white lead, marine glue, or other suitable composition. It is recommended that the screw bolts be galvanized.

Upper decks must be renewed when worn in thickness as follows, viz.:—When a deck originally 4 inches thick is worn to 2 inches, 2½ inches to 2¾ inches, 2 inches to 2½ inches.

SS No. 1. 12. 284

REPORT of SURVEY for REPAIRS.

Rev 8/9/73

No. in Reg. Book. 337 No. 10640 Survey held at Sunderland Date, first Survey August 12th Last Survey August 13th 1873
 on the Iron S.S. John Johnsson Master Lewcock
 Tonnage 500 built at Newcastle When built 1870 5/11/74
 By whom built Mitchell Owners J. Johnsson
 Port belonging to London Destined Voyage *
 If Surveyed Afloat or in Dry Dock Slipway

Last Survey, No. 10039 Port London Classed A14.72

REPAIRS, &c.

At the present time the vessel being on the Slipway.
 The Man hole doors taken off the Double Bottom, the ship having an entire double bottom except in the Engine Room, part of the ceiling removed at top of double bottom, (all of it was stated to have been removed a short time ago & coated) and both surfaces examined of the plating, frames, rivets &c. and found good except a small part of the cement in flat which has been mended.
 The double bottom is all properly ceiled & a small part forward above ditto, but all the other parts of Main Bolds. have no ceiling on above the bilges, and the Owner or Manager declined to put open ^{or bottom} ceiling on when the vessel was on the Slipway, and I have not been able to find her since being put off the Slip, and she must have sailed by this time & no notice given that ceiling has been put on as recommended.

Present Condition of the

Decks	Good	Freemasts	Rivets	Good	Windlass and Capstan	
Waterways	do	Breasthooks and Stenson		do	Pumps	
Comings	do	Transoms, Pointers, and Crutches		do	Boats	3
Upper Deck Beams & Fastenings	do	Timbers of the Frame at the openings		do	Masts, Yards, &c.	
Lower Deck Beams & Fastenings	do	Ditto Ditto at other places		do	Condition, how ascertained	Good
Planksheers	do	Keelsons		do	Sails	Insufficient
Sheerstrakes	do	Clamps and Shelves	Stronger	do	Anchors	No. of 3 1/2" 11" 1/2" 11" 1/2"
Topsides	do	Ceiling	in flat	do	Cables	They could be used
Wales	do	Rudder		do	Hawsers and Warps	Be used
Plank (Bottom) and Counter	Plating	Copper	When put on		Standing & Running Rigging	
Engine Room Skylights	Good	Caulking of			Cargo and Main Hatchways	Good
Coal Bunker, Openings, Lids, &c.	Good	Bottom, Deck, & Waterways		Good	Hatches	Good
Scuppers	Good					

General Observations and Opinion,

At the present time the requirement for No. 1 Special Survey being carried, and being in an efficient state of Repair, (except having no ceiling above the Bilges as stated above) but in my opinion not entitled to SS No. 1 Survey until the building is wrought & the owner reports the same when done.

The Amount of Entry Fee.....£ - : - is received by me, Lewhouse Martindale

Special..... 3 : 3 :

Certificate (if required) - : 5 : -

Committee's Minute 9th September 1873.

Character assigned

TRW

It is respectfully submitted that the existing plating should be protected from the effects of heavy weathers being blown on the side of the hull on ceiling and that the character should be marked with a cross.

14,000-10/5/72.
 Special Survey carried out
 Letter 10.9.73

CEILING.

Section 25. All vessels to be closely ceiled from the main keelson to the upper part of the bilges, the ceiling to be secured in such a manner as to be easily removed; from the upper part of the bilges upwards, either batten and space or close ceiling may be adopted, but the former is considered preferable.

The ceiling on the floors is to be made in hatches where practicable, of convenient sizes, and when not so arranged, to be fastened to the reversed angle irons or frames in such a manner as to be removed when required for the purpose of survey, or for cleaning and painting.

For thickness of ceiling, see Table G 2.

IRON 456-0175 (210)