

REPORT of SURVEY for REPAIRS.

81090
Reg. 217

Recd 4/7/70

No. in Reg. Book. **No. 11179** Survey held at Shields Date, first Survey 11th April Last Survey 4th June 1870
732 on the Iron screw steamer "Minerva" Master J. Goodwin
 Tonnage 675.69 built at Newcastle When built 1862, 1 mo.
 By whom built Palmer Owners Lon. Iron Ship Co.
 Port belonging to London Destined Voyage Copenhagen Mediterranean
 If Surveyed Afloat or in Dry Dock In dry dock and afloat
 Last Survey, No. 6390 Port Iron Classed G. A. 1
 (t. S. 66.) (7-68)

REPAIRS, &c.

The timber boards and ceiling equal to three strakes, all fore and aft, on both sides now removed. The windlass unbung and its wood lining stripped, and the chain cables ranged on deck found complete and in good condition. The engines and boilers taken out and the vessel thoroughly scraped inside and out, and the cement where broken repaired. The bulkhead at the after end of the main-hold removed six spaces of frames farther forward; five shifts of upper deck planks renewed, forward, and the part over the engines, all new. New Boilers fitted, and the engines altered and shifted aft. The inside of the ship painted with red lead; and the outside of the bottom plating, coated with two coats of Peacock's composition. Now done through damage. - One length of covering plank renewed amidships, and also two bulwark stanchions, and the berthing in connection therewith.

Present Condition of the

Decks	good, part new	Freemasts Masts	good, where seen	Windlass and Capstan	good
Waterways	good	Breasthooks and Stemson	"	Pumps	good
Comings	"	Transoms, Pointers, and Crutches	"	Boats	"
Upper Deck Beams & Fastenings	"	Timbers of the Frame at the openings	"	Masts, Yards, &c.	"
Lower Deck Beams & Fastenings	"	Ditto Ditto at other places	"	Condition, how ascertained	from the deck
Planksheers	"	Keelsons	"	Sails	"
Sheerstrakes	"	Clamps and Shelves	"	Anchors	No. of 3 B. 15. 2 A.
Topsides	"	Ceiling	"	Cables	240 Faths.
Wales	"	Rudder	"	Hawsers and Warps	good and sufficient
Plank (Bottom) and Counter	"	Copper Cement When put on	1866	Standing & Running Rigging	good and sufficient
Engine Room Skylights	good	Caulking of			
Coal Bunker, Openings, Lids, &c.	good	Bottom, Deck, & Waterways	good		
Scuppers	good				
Cargo and Main Hatchways	good				
Hatches	good				

General Observations and Opinion, This vessel is in good and efficient condition, and we beg to recommend her to the Committee, to be classed G. A. 1, in conformity with the Secretary's letter of the 8th April 1870; and to be marked in the Register Book S. S. No. 2 - 1870.

The Amount of Entry Fee.....£ 2 : : , is received by me,

Special..... 2 : 2 :
 Certificate (if required) : : :
 J. J. Bone.

Committee's Minute 5th July 1870

Character assigned G. A. 1

IRON 446-0343

S. S. No. 2 = 70

W. R.

Prof. Maxwell.
 Prof. Maxwell's letter of the 8th April 1870 is in conformity with the Secretary's letter of the 8th April 1870; and to be marked in the Register Book S. S. No. 2 - 1870.