

REPORT of SURVEY for REPAIRS.

No. in Reg. Book. *2327* Survey held at *West Hartlepool* Date *7th Sept to 12th Oct 1864*
24 on the *Screw Steamer "Iron Queen"* Master *John Lawson*
 Tonnage *346* Built at *Dundee* When built *1860 - 3 mo*
 By whom built *Goulay* Owner's *W. & A. L. Steamer Co.*
 Port belonging to *West Hartlepool* Destined Voyage *Rotterdam*
 If Surveyed Afloat or in Dry Dock *In Pile Spence & Co. Dock & Afloat*

Last Survey, No. *3461* Port *Swan* Classed *9 A1* 1.6.64 to 5.6.64

REPAIRS Now done through standing midship length of keel taken out & straightened & welded up where broken & refitted. 5 plates of garboard stake taken out & renewed with 10/16th plate. 5 plates of do. taken out & straightened & refitted. 4 shell plates renewed with 9/16 plate under midship flat. Ten do. taken out & heated rolled & welded & refitted. about 20 ft. of keel rivets renewed in addition to those replaced in repaired keel. say about 4000 of 3/4 shell rivets renewed. Seven floor plates renewed with 8/16 plate. two others repaired with plates. Seven frames on each side renewed from upper part of bilge downwards $3\frac{1}{2} \times 3 \times 7/16$. Seven reverse bars renewed from side to do. to the height of hold beam strung $3 \times 3 \times 6/16$. 1 Wash plates to middle line keelson renewed & one length of angle iron $5\frac{3}{4} \times 3 \times 7/16$ & one do. refitted. Bilge keelson angle iron refitted where removed to repair damage on length new. Plank cemented in way of repairs with Portland cement. Ceiling relaid (it having been all removed below hold beams) & vessel scraped clean inside & out, & coated with black varnish & paint. Decks caulked. Boilers refitted, they being taken out to get at damaged parts.

Present Condition of the

Decks	Keelsons	Windlass and Capstan
Waterways	Breasthooks and Stemson	Pumps
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	Sails
Planksheers	Keelsons	Anchors No. of
Sheerstrakes	Clamps and Shelves	Cables
Topsides	Ceiling	Hawsers and Warps
Wales	Rudder	Standing & Running Rigging
Plank (Bottom) and Counter	Copper When put on	

General Observations and Opinion, Caulking of Bottom, Deck, & Waterways. *Good*

Is now in a good & efficient state of repair fit for the conveyance of dry & perishable goods to & from all parts of the World & may in my opinion remain as now classed 9 A1

The Amount of Fee.....£ *1 : 0 : 0* is received by me, *S. P. Gladstone*

Special.....*2 : 2 : 0*
 Certificate (if required) *2 : 2 : 0*

Committee's Minute *14th October 1864*

Character assigned *9 A1* record Damage repairs