

4812

REPORT of SURVEY for REPAIRS.

No. in Reg. Book. **No. 2523** Survey held at Middlebrook & Stockton Date 14th March to 2nd July 18 66
 on the S.S. "GREATHAM HALL" Master Pounds
 Tonnage 583 Built at Stockton-on-Tees When built 1857
 By whom built Mr. Pearce & Co. Owners Mr. Pearce & Co.
 Port belonging to West Hartlepool Destined Voyage London
 If Surveyed Afloat or in Dry Dock Cragg patent slip and afloat

Last Survey, No. 2904 Port Iron. Classed G.A.S.
 (25/62) 62

REPAIRS Work done - Ship placed on patent slip - proper stages made and the holds cleared - The whole of the ceiling in holds removed the coal Bunkers cleared - Engines and Boilers removed for repairs - The whole of the frames, stringers, hooks, floor plates, keelsons, Engine & Boiler Beams - Ends of Beams - Watertight Bulkheads - Rivets and inner surfaces of the plating exposed - and all oxidation cut and taken off - also from the inside plating - Rivets - Keel - Stem - Stern post and Rudder - completely laying bare all the surfaces of iron - The Waterways scraped bright - The thickness of all parts of the above named iron drilled and found more than $\frac{3}{4}$ of the required substance by Rule - excepting 3 Butt straps of shell plating - the plating of Rudder - and two Rudder Bands - all renewed - 2 (two) shoe plates - fitted forward - where the forward plates are chafed by chain cables - Each 7 feet long x $\frac{8}{16}$ - Rivetted through keel - The cementing tested inside and found good and cleared away - for new Rivets - 1140 - $\frac{3}{4}$ in Rivets in shell plating and cleared away - for new Rivets - 356 - $\frac{3}{4}$ in Rivets renewed in frames floor &c

Present Condition of the		Remarks	
Decks	greater part renewed	Transoms	
Waterways	caulked	Breasthooks and Stemson	good where seen
Comings	"	Transoms, Pointers, and Crutches	"
Upper Deck Beams & Fastenings	good where seen	Timbers of the Frame at the openings	"
Lower Deck Beams & Fastenings	"	Ditto Ditto at other places	"
Plank sheers	"	Keelsons	"
Sheerstrakes	"	Clamps and Shelves	"
Topsides	plating	Ceiling	renewed
Wales	"	Rudder	plated repaired
Plank (Bottom) and Counter	"	Copper	When put on
		Windlass and Capstan	working refitted
		Pumps	3 Refitted
		Boats	2 Life 1 Pinnace 1 Jig 1 Row
		Masts, Yards, &c.	good sufficient
		Condition, how ascertained	"
		Sails	"
		Anchors	No. of 3 Buoys 1 Steam 2 Kedggs
		Cables	270 fathoms of $\frac{1}{16}$ stud
		Hawsers and Warps	good sufficient
		Standing & Running Rigging	"

General Observations and Opinion,

Caulking of Bottom, Deck, & Waterways. good where tested

She is now in good and efficient condition - and in my opinion may remain as classed G.A.S. - at the expiration of present class - we are of opinion that she is eligible for the B class - all the requirements for the S.S. No 3 having been carried out.

The Amount of Fee.....£ 5 : 0 : 0 is received by me.

Special..... 5 : 5 : 0

Certificate (if required) : 5 :

Committee's Minute 6th July 18 66

Character assigned B

(S.S. No 3)



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IRON 439-0435

4812 Iron

"GREATHAM HALL" continued - Coal Bunkers - Buckland plates renewed on port side - upaned with 4 plates on starboard - properly stiffened with angle irons and stayed to ship's side - The angle irons to Boiler Beams renewed on top edge where required - Screw shaft tunnel renewed and strengthened - Windlass unking - wood linings stripped and renewed on port side - the whole refitted and made good - Deck removed - aft - in the way of windlass and hatches - and over Engine and Boiler space with $3\frac{1}{2}$ y. P. all caulked fore and aft - waterways included -

Ceilings in holds renewed with $2\frac{1}{4}$ Red Pine - Main rail of A. R. E. renewed for half ship's length - Trizen mast removed - Deck House aft. removed and renewed 35 feet long x 17 feet 6 and 14 ft. aft - 7 ft. 3 in - Her bottom cemented where required and all other work with two coats of paint - The chains ranged for examination and found in good condition -

James Purdee
J. P. Gladstone



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