

REPORT of SURVEY for REPAIRS, &c.

No. in Reg. Book. **No. 11,878** Survey held at **Liverpool** Date, first Survey **February 11** Last Survey **February 13** 1878
583 on the **Steamer "Charles Howard"** Master **Chayter**
 Tonnage under Tonnage Deck **876** Built at **Liverpool** When built **1866** - **11**
 Ditto of Spar Deck, or Awning Deck
 Ditto of Poop
 Ditto of Raised Qr. Dk.
 Ditto of Houses on Deck
 Ditto of Forecasts
 Gross Tonnage **1304** Owners **Pile & Co.** Port belonging to **London**
 Crew Space, as per Rule
 Register Tonnage, cut on Beam
 Engine Room
 Reg. Tons as Steamer, cut on Beam **1021** By whom built **Pile** Destined Voyage **not fixed**
 If Surveyed Afloat **in** Dry Dock **South G. dock**
 Length of Poop **ft.** Ditto, Forecastle **ft.** Ditto, Raised Quarter Deck **ft.**
 Last Survey, No. **19196** Port **Chayter Iron** Classified **90** Years assigned **8** Character in Register Book **1**

REPAIRS, OR EXAMINATION AS PER RULE *damage & alterations*

Now done, on acct. of damage, The vessel placed in graving dock and the Bottom cleaned down and sighted; the Bull plate forming the Bilge Keel on the port side, renewed, & 1 plate on the Port Bow removed, furnace & refitted, & 1 frame bar strengthened by a doubling bar; the upper deck caulked, & steering gear repaired, and the chain cables ranged and are now good & sufficient. Now put on board. 15 fathoms of 1 9/16 stud chain cable, tested to 43 3/10 tons & 3 links to a breaking strain of 61 4/10 tons, marked R.W.C.P.T. No. 2334 & signed J. Hattress, Superintendent. The bottom coated with 2 coats of paint.

Repairs, the Engine-room skylight and all Hatches repaired & made good; part lower deck caulked and ceiling repaired, about 50 feet of iron Bulwark fitted on each side forward,

Present Condition of the

Decks	Good	Reinforced Rivets where seen good	Windlass and Capstan	Good
Waterways	"	Breasthooks and Stemson	Pumps Metal	"
Comings	"	Transoms, Pointers, and Crutches	Boats & Hs	"
Upper Deck Beams & Fastenings	"	Timbers of the Frame at the openings	Masts, Yards, &c. where practicable	"
Lower Deck Beams & Fastenings	"	Ditto Ditto at other places	Condition, how ascertained	"
Planksheers	"	Keelsons	Sails	"
Sheerstrakes	"	Clamps and Shells	Anchors No. of 3 B. 15.2 K	"
Topsides	"	Ceiling	Cables	"
Wales	"	Rudder	Hawsers and Warps	"
Plank (Bottom) and Counter	"	Copper Cement When put on 1866	Standing & Running Rigging	"
	"	Caulking of		"
	"	Bottom, Deck, & Waterways		"
Engine Room Skylights	Good	Coal Bunker, Openings, Lids, &c.	Good	Good
General Observations, Opinion as to Class, &c.		Scuppers	Good	Good
		Cargo and Main Hatchways	Good	Good
		Hatches	Good	Good

General Observations, Opinion as to Class, &c.

This vessel now appears in good & efficient condition and eligible in my opinion to remain as classed.

The Amount of Entry Fee ... £ 3 : - : -
 Special ... £ 1 : 1 : -
 Certificate (if required) ... £ - : 5 : -
 (Travelling Expenses, if any, £ - : - : -)

Committee's Minute

Character assigned

8th March, 1878.

James Liburn
Surveyor to Lloyd's Register of British and Foreign Shipping.