

REPORT of SURVEY for REPAIRS, &c.

No. 4421.

No. in Reg. Book. Survey held at *Cardiff* Date, first Survey *16 Sept 1878* Last Survey *16 Sept 1878*
 on the *S.S. 'Spartan'* Master *Cooper*
 TONNAGE under Tonnage Deck *1515 1878* Built at *Newcastle* When built *1876*
 Ditto of Spar Deck, or Awaiting Deck *28* Owners *E. Shotton & Co* Port belonging to *London*
 Ditto of Poop *28* Residence *N Shields*
 Ditto of Raised Qr. Dk. *28* By whom built *Hitchell* Destined Voyage
 Ditto of Houses on Deck *28* ☒ Surveyed Afloat or in Dry Dock *at Cardiff*
 Ditto of Forecastle *28*
 Gross Tonnage *1515*
 Crew Space, as per Rule
 Register Tonnage, cut on Beam
 Engine Room *997*
 Reg. Tons as St' mer, cut on Bm.
 Length of Poop *ft.* Ditto, Forecastle *ft.* Ditto, Raised Quarter Deck *ft.*
 Last Survey, No. *16178* Port *Iron* Character in Register Book *1111 A.S.*
 Years assigned *3.76*

REPAIRS, OR EXAMINATION AS PER RULE

The chain cables, and anchors, as below, were recently supplied at New York, and Cardiff, seen on board the vessel, by Mr Jacobs on the above date, and certificates subsequently examined by myself.

60 fms of 1 1/16 Stud link chain cable, proved to 5 1/4 tons 3 links of each - 15 fms to B.S. at Cardiff. certificate 12th Sept 1878. Geo W Penn.
 45 fms of 1 1/4 in Stud link chain cable, proved to 3 3/4 tons 3 links of each 15 fms to B.S. at Cardiff. certificate 12th Sept 1878. Geo. W Penn.
 15 fms of 1 1/16 in Stud link chain cable, proved to 5 1/4 tons 3 links to B.S. at Sipton - certificate 11th Sept 1878. Grastus R. Litt.
 15 fms 1 1/16 Stud link chain cable, proved to 5 1/2 tons 3 links to B.S. at Chester, certificate 13th December 1877. Andrew S. Jack.
 1 Bower anchor, wt & stock 29.3.25 proved to 28.12.2.0 at Chester, (continued below)

Present Condition of the

Decks	Treenails	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	Condition, how ascertained
Plank sheers	Keelsons	Sails
Sheerstrakes	Clamps and Shelves	Anchors No. of
Topsides	Ceiling	Cables
Wales	Rudder	Hawsers and Warps
Plank (Bottom) and Counter	Copper When put on	Standing & Running Rigging
Engine Room Skylights	Caulking of	
Coal Bunker, Openings, Lids, &c.	Bottom, Deck, & Waterways	
Scuppers		
Cargo and Main Hatchways		
Hatches		

General Observations, Opinion as to Class, &c.

certificate dated 12th September 1878. Andrew S. Jack.
 1 Bower anchor wt & stock 29.3.25. proved to 28.12.2.0 at Cardiff. certificate 12th Sept 1878. Andrew S. Jack.
 - 4 3/4 tons at Cardiff. certificate 12th Sept 1878. Geo W. Penn.

The Amount of Entry Fee ... £ : : received by me, *APP*
 Special ... £ 1 : 1 : *Nov 1878*
 Certificate (if required) ... £ : :
 (Travelling Expenses, if any, £)

Committee's Minute 22nd November, 1878.

Character assigned *100A*

T360 date 9.70 in red

Henry J. Syrrall
 Surveyor to Lloyd's Register of British and Foreign Shipping.

"Spartan"



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Foundation