

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report..... 18..... When handed in at Local Office..... 18..... Port of LONDON
 No. in Reg. Book. 624 Survey held at LONDON Date, First Survey 20th Feb^y Last Survey 21st March 1894
 on the Wood, Iron or Steel S.S. Britannia (No. of Visits) 22 Master T. Sigman

TONNAGE:— Built at Sunderland By whom Short Bros When 1894 YEAR. MONTH. 10 ✓
 GROSS 949 Owners J. G. Bealby and Sons Port belonging to Sunderland
 UNDER DK. 449 Owners' Address
 NET 612 (if not already recorded in Appendix to Register Book.)
 Surveyed Afloat or in Dry Dock? Name of Dock Canal Dry Dock Destined Voyage Cardiff
 W.B.=D.B. tons; f tons; uE&B tons; CellDB tons; } Particulars of Classification (which must be inserted
 FPT tons; APT tons; MT tons. } precisely as in Register Book & Supplements).

Last Survey, No. 54987 Port Rm

(Periodical Surveys, when held, must be reported in detail and serialim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors, Chains, or Hawsers is reported, the particulars of weight or size and test of the articles should be clearly stated, and also the weight or size, &c., required by the Rules, together with the vessel's Equipment Letter, if any. State also the dates and initials of any letters respecting this case.)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Year Assigned Survey Letter	Machinery and Boiler Surveys (including date of N.B., if any).
<u>W.B. 1-90A</u>	<u>B.S. 6.93</u>	<u>2.90</u>
<u>12.93</u>		
<u>SS. 4.3 — 3.82</u>		
<u>SS. 4.2 — 90</u>		
Society's Freeboard (if assigned) as painted on Ship and now verified } 1 ft. 9 ins.		

REPAIRS, OR EXAMINATION AS PER RULE, FOR S.S. 4.3 and Damage through Collision

The vessel placed in dry dock. the bottom keel, and rudder, examined, all the close and loose ceiling in holds and coal bunkers removed. the holds, peaks, and coal bunkers cleared and examined. the whole of the frames, hooks, floorplates, keelsons, engine and boiler bearers, ends of beams, W.L. Bulkheads, pivots and inner surface of the plating exposed. the lining in cabins and fore-castle removed and plating in way of side lights examined. and the whole of the above sealed and painted.

The covers of the W.B. Tanks removed, and the tanks cleaned out and examined, and the tanks tested as per rules.

The windlass, steering gear, pumps, Sluice Valves, and W.L. doors overhauled. The Masts and Spars. examined. the Mast Coats & Medges lifted & overhauled. chain cable ranged. the deck plates drilled. and the shell plating drilled as per rules see sketch herewith,

Now done six reverse angles to frames in fore hold starb^d side broken repaired P.T.O.

SUMMARY OF DAMAGE REPAIRS: — 1 Plates, Faired or Repaired; 3 Frames, ditto. 8 Plates, Renewed; 6 Frames, ditto. Other Repairs 10 reverse angles to frames &c.

PRESENT CONDITION OF THE

Decks..... <u>Good</u>	Transoms, Pointers, & Crutches..... <u>Good</u>	Copper, or Y.M. (State if on Feet.) When put on, Month..... Year.....	Hatches..... <u>Good</u>
Waterways..... <u>"</u>	Timbers of Frame at the openings..... <u>"</u>	Rudder..... <u>Good</u>	Boats..... <u>"</u>
Coamings..... <u>"</u>	Ditto ditto at other places..... <u>"</u>	Windlass & Capstan..... <u>"</u>	Masts, Yards, &c..... <u>"</u>
Up'r Dk. Beams & Fastenings..... <u>"</u>	Keelsons..... <u>"</u>	Pumps..... <u>"</u>	Condition, how ascertained.....
Low'r Dk. Beams & Fastenings..... <u>"</u>	Clamps, Shells & Stringers..... <u>"</u>	Engine Room Skylights..... <u>"</u>	Sails..... <u>Sufficient</u>
Plating..... <u>"</u>	Salting (State if examined.)..... <u>Good</u>	Coal Bunker, Open'gs, Lids, &c..... <u>"</u>	Equipment letter..... <u>89</u>
Planking..... <u>"</u>	Ceiling..... <u>Good</u>	Scuppers..... <u>"</u>	Anchors, No. of <u>3 B 15. 2 H</u>
Treenails or Rivets..... <u>Good</u>	Cement or Asphalt (State which.)..... <u>"</u>	Cargo & Main H'tch'w'ys..... <u>"</u>	Cables (State if now ranged)..... <u>Now</u>
Breasthooks & Stemson..... <u>"</u>	Tanks (State if now tested.)..... <u>Now</u>		„ length <u>240</u> size <u>1 1/2 to 1 3/4</u>
	Caulking of Bot'm, D'k, & Wat'rw'ys..... <u>"</u>		„ Rule length <u>210</u> size <u>1 1/2</u>
			Hawsers & Warps..... <u>Sufficient</u>
			Standing & Running Rigging..... <u>Good</u>

General Observations, Opinion as to Class, Recommendation, &c.:

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:— "to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 9,91," or "to remain as classed and to have record of survey, 9,91, and the notations of ss No. 1-91 and ptND91, &c."

This vessel is found in good and efficient condition and in our opinion eligible to remain as classed, and to have record of Survey 3.94 and the notation S.S. Lond 4.3. 3.94 in the Register Book

Office Fee (if chargeable) per Scale II., Sec. 27..... £	Fees applied for,.....
Survey Fee (per Section 28)..... £ 7	5.4.18.94
Special Damage or Repair Fee (if any) (per Sec. 28.)..... £	Received by me,.....
Travelling Expenses (if chargeable)..... £	9/4.18.94
Second Surveyor's Fee (if any)..... £	

*Is Certificate now required?

Committee's Minute

Character assigned

FRI 6 APL 1894

90A1

W & Hooper
Buchanan
 Surveyor to Lloyd's Register of British & Foreign Shipping.

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 Lloyd's Register
 Foundation

LON701-0417

And 4 reverse angles to frames under boiler repaired, and covering plates fitted to others, and angle to keelson partly renewed, bunker walls renewed, 2 main deck plates amidships in bunker space and midship's coaling hatch, and casing in way of same renewed. Tank tops repaired and coated with tar & cement. Ceiling replaced and a large portion renewed. Cement in bottom renewed where necessary, Bridge deck tie plates and plank in way of engine and boiler space partly renewed, and beam angles in way of coaling hatches renewed.

New foremast, Main Mast head shortened and recapped, the wedges and Mast Coats replaced.

The windlass, Steering gear, pumps, Sluice Valves, and N.I. Soots placed in good working condition.

Damage to Vessel through collision

8 Shell plates on Starboard side, under fore end of bridge deck renewed, 1 plate taken off faired and refitted, 6 new frames and reverse angles to do. 1 frame and reverse angle taken off and fixed and refitted. 2 head irons renewed, 6 angle butt straps to frames. 6 covering angles to reverse angles to frames. New port door and hinges to do, 1 bulk plate doubling plate to No. 2 hatch in way of damage, 14 new main deck plates 3 brackets to beams, 1 angle iron in way of deck waterway, 1 beam end to upper deck, 2 Lower deck stringer plates and angle bars to do, butt straps to deck plating and stringer. 10 lugs to connect stringer to ship side and angle butt straps to stringer bar.

C Buchanan

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.