

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 29-12-98 When handed in at Local Office 29-12-98 Port of London
No. in Reg. Book 133 Survey held at London Date, First Survey 23-12 Last Survey 24-12-1898
on the Wood, Iron or Steel S/S Harlington Master Hardy 95-95
TONNAGE:— Built at Lundenham By whom L. P. Austin & Son When 1895-5
GROSS 1032 Owners P. & O. S. M. Nav. Co. (G. F. Johnson & Co.) Port belonging to London
UNDER DECK 753 Owners' Address
NET 627 (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock Dry Dock Name of Dry Dock Destined Voyage Middlesex
WB=CellDBorDBa feet; uE&B feet; J feet; }
total capacity tons. FPT tons; APT tons; MT feet tons. }
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
CHARACTER, * for Special Survey, Date of last Survey and of Periodical Surveys.
Machinery and Boiler Surveys (including date of N.B., if any).
Years Assigned or expired.
N.B.—All alterations in the existing records should be underlined.
If the vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No. 2249 Paton Inde +100A1 +11MC 5/95
Periodical Surveys, when held, must be reported in detail and serially 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.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Paton & Son
This vessel was placed in dry dock the bottom examined cleaned and recoated in anticipation of the S.S. No. due in May 1899. The upper edge of keel plate re-riveted for about 12 feet each side forward near fore foot. The edges of plates & butts chipped & caulked & the rivet holes re-counter sunk. The cement repairs where necessary damage being caused by forming. On the Starboard side amidships the large keel repair a 6 ft length cut out & refitted.

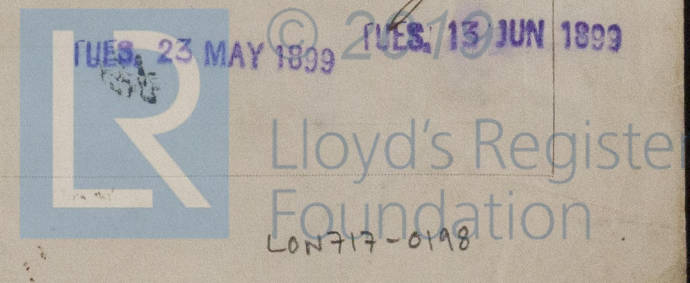
SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed								
Removed and Fair'd or Repaired								
Fair'd or Repaired in place								
PRESENT CONDITION OF THE	Stringers	Inner Bottom Plating	State if Tanks now tested	Bulkheads	Ceiling	Cement or Asphalt (State when)	Rudder	Windlass
Decks	Have Pumps now been examined and found efficient?	Have Sluice Valves now been examined and found efficient?	Have Watertight Doors now been examined and found efficient?	Dblg. Plates under Sounding Pipes	Engine Room Skylights	Coal Bunkers, Open'gs, Lids, &c.	Scuppers	Cargo Hatchways
Caulking of Decks	Hatches	Planking of Wood Vessels	Treenails	Breasthooks & Stems	Transoms, Pointers, & Crutches	Timbers of Frame at openings	Ditto ditto at other places	Stringers, Clamps & Shelves
Waterways	Salting (State if examined.)	Copper, or Y.M. (State if on felt.)	When put on, Month	Boats	Masts, Yards, &c.	Condition, how ascertained	(State if wedges removed)	Sails
Coamings	Equipment letter	Anchors, No.	Cables (State if now ranged)	length	Rule length	(per Table 22)	Hawsers & Warps	Standing & Running Rigg
Beams & Fastenings								
Outside Plating								
Caulking of ditto								
Rivets								
Breasthooks & Crutches								
Transoms								
Frames								
Reverse Frames								
Floors								
Keelsons								

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, 1,98," or "to remain as classed and to have record of survey, 1,98, and the notations of ss No. 1-98 and ptND98, &c."

This steamer now appears to be in good condition eligible in my opinion to remain as classed with a fresh record of Survey on 12/98 & the whole of the requirement for S.S. No. 1. She complied with except docking.

Office Fee (if chargeable) per Scale II., Sec. 27 £
Survey Fee (per Section 28) £
Special Damage or Repair Fee (if any) (per Sec. 28.) £
Travelling Expenses (if chargeable) £
Second Surveyor's Fee (if any) £
Fees applied for, 18
Received by me, Edward J. Tierney Surveyor to Lloyd's Register of British & Foreign Shipping

Committee's Minute TUES, 3 JAN 1899 TUES, 9 MAY 1899 TUES, 23 MAY 1899 TUES, 13 JUN 1899
Character assigned 100A1



Has a Survey also been held on the Machinery of the ship? If so, is the Report sent now, or when will it be sent?

Is Certificate required? If so to be sent to

pc. No. 1