

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 10 Feb 91 When handed in at Local Office 18 Port of London THURS. 11 FEB 1892

No. in Reg. Book 327 Survey held at London Date, First Survey 9 Feb 91 Last Survey 10 Feb 91 1892

on the Iron Screw Steamer Martin Master By whom C. Mitchell & Co When 1875 5th

TONNAGE:— Built at Newcastle Owners General Steam Navigation Co Port belonging to London. Owners' Address (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? Afloat Name of Dock Afloat Fountain Tier Destined Voyage The Tyne.

WB=DBa tons; f tons; uE&B tons; CellDB tons; FPT tons; APT tons; MT tons. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey, No. 52701 Port London. (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 or Chains 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 letter attached.

This vessel having been reported to be leaking a little (see accompanying letter from the General Manager of the Comp^y) we visited the vessel and ascertained that the leakage is through the deck in the neighbourhood of the boiler room bulkhead. There is a hatchway (on deck) the after end of which is only a few inches the fore side of the boiler room bulkhead; and the front of the poop is about four feet abaft the hatchway — there is also a large crane on each side of the vessel abreast the after end of the hatchway. We found signs of leakage viz: water stains on the bulkhead — showing that the deck over the same had been leaking. There is a galley on the fore side of the poop at the middle line — and the space (about nine inches) between the galley and the hatchway was found to be filled in with cement the thickness of the deck.

SUMMARY OF DAMAGE REPAIRS:— Plates, Faired or Repaired; Frames, ditto. Plates, Renewed; Frames, ditto. Other Repairs.

PRESENT CONDITION OF THE			
Decks	Transoms, Pointers, & Crutches	Copper, or Y.M. (State if on Felt.) When put on, Month Year	Hatches
Waterways	Timbers of Frame at the openings		Boats
Coamings	Ditto ditto at other places	Rudder	Masts, Yards, &c.
Up'r Dk. Beams & Fastenings	Keelsons	Windlass & Capstan	Condition, how ascertained
Low'r Dk. Beams & Fastenings	Clamps, Shelves & Stringers	Pumps	Sails
Plating	Salting	Engine Room Skylights	Anchors No. of
Planking	Ceiling	Coal Bunker, Open'gs, Lids, &c.	Cables, length size
Treenails or Rivets	Cement or Asphalt (State which.)	Scuppers	(State if now ranged)
Breasthooks & Stemson	Tanks (State if now tested.)	Cargo & Main H'tch'ys	Hawsers & Warps
	Caulking of Bot'm, D'k, & Wat'r'ys		Standing & Running Rigging

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 ptd91, &c."

It is submitted this report be forwarded to the Newcastle Surveyors for their guidance & information in dealing with the case.

Office Fee (if chargeable) per Scale II, Sec. 27 £ : : Fees applied for, Survey Fee (per Section 28) £ 0 : 0 : 18. Special Damage or Repair Fee (if any) £ : : Received by me, Travelling Expenses (if chargeable) £ : : 18. Second Surveyor's Fee (if any) £ : : *Is Certificate now required?

Committee's Minute FRI 12 FEB 1892 Character assigned Deferred TUES. 1 MAR 1892 Lloyd's Register Foundation LON695-0221

52711 *San.*

We are of opinion that the structural arrangements (as above described) at this part of the vessel have been mainly the cause of the leakage. We recommend that the cement at the after end of the hatchway be removed and that some strakes of deck be taken up on each side of the hatchway - in order to examine in these places. We would further suggest that the hatchway be shifted bodily forward one beam space in order that a wide plate may be worked at the after end of hatchway on the beams with a view to stiffen the deck at this part. It would also be desirable to shift the two large cranes further forward away from the ends of the upper (wood) deck - that is from the front of the poop - and that the crane bed plates should be made a continuous part of the iron deck which is in way of the boilers - and carried sufficiently forward to take hold of a greater number of beams - as may be found necessary. Since visiting the vessel however, we have received a letter from Capt. Ellis the Superintendent, stating that the vessel has been ordered to proceed to the Wallsend Slipway (Tyne) to have done what is necessary. Two letters bearing on this case are attached.

J. H. Truswell.

Davidson