

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 18. 9. 1910. When hulled in at Local Office 19. 10. 1910. Port of Lisbon.

No. in Survey held at Lisbon. Date, First Survey 19. 8. 10. Last Survey 25. 8. 1910.

7th. on the Wood, Iron or Steel Twin Sc. S. "Lusitania" Master E. de S. de Moraes.

TONNAGE: GROSS 8554. Built at Middlesbrough. By whom Sir E. & J. M. & Co. Ltd. When 1906. 5. UNCLASSIFIED SECTION.

UNDERTAKEN BY 3483. Owners' Address: Emprego Nacional de Mar. e Vapor. Port belonging to Lisbon.

Surveyed Afloat or in Dry Dock? D.D. Name of Dock No. 1 D.D. of S.W. Destined Voyage E. Africa.

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

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. 640 Port Lis

(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 or Chains is reported, the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and why they were declined? Was a damage report made by anyone else? If so, by whom?

REPAIRS, OR EXAMINATION AS PER RULE, FOR Permanent repairs.

This vessel having been placed in the No. 1 Dry Dock of the Harbour Works for the purpose of carrying out the permanent repairs recommended in my report No. 640, of 21st February last, I proceeded thereto, on the 14th August subsequent dates, to superintend same.

Stem having been removed was sent to shop to be straightened, and in the meantime the best of the rivets were removed and 7 plates taken out, 4 of which have been renewed and two cut between the 2nd and 3rd frames from bow, (as no new plates were available in Lisbon of the required length), of the following dimensions:-

1. 4'6" x 16'6" x 1/2" e. stroke; 2. 3'9" x 12'10" x 9/16" d. stroke, and

SUMMARY OF DAMAGE REPAIRS :-	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :-
Renewed	4							2 plates part renewed.
Removed and Faired or Repaired	1							Stem straightened.
Faired or Repaired in place	1							

PRESENT CONDITION OF THE	Stringers	Dblng. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks	Inner Bottom Plating	Engine Room Skylights	(State if on Fell.)
Caulking of Decks	State if Tanks have been examined inside	Coal Bunkers, Open'gs, Lids, &c.	When put on, Month Year
Waterways	State if Tanks now tested	Scuppers	Boats
Coamings	Bulkheads	Cargo Hatchways	Masts, Yards, &c.
Beams & Fastenings	Ceiling	Hatches	Condition, how ascertained
Outside Plating	Cement or Asphalt (State which.)	Planking of Wood Vessels	(State if wedges removed)
Caulking of ditto	Rudder	Caulking	Sails
Rivets	Steering gear and its connections	Treenails	Equipment letter
Breasthooks & Crutches	Windlass	Breasthooks & Stemson	Transoms, No. of
Transoms	Have Pumps now been examined and found efficient?	Transoms, Pointers, & Crutches ditto	Cables (State if now ranged)
Frames	Have Sluice Valves now been examined and found efficient?	Timbers of Frame at openings ditto	" length size
Reverse Frames	Have Watertight Doors now been examined and found efficient?	Ditto ditto at other places ditto	" Rule length size
Floors		Stringers, Clamps & Shells ditto	(per Table 22)
Keelsons		Salting ditto	Hawser & Warps
		(State if examined.)	Standing & Running Rigging

General Observations, Opinion as to Class, Recommendation, &c.:- I am therefore of

opinion that this vessel having been permanently repaired is now in a good and efficient state as she was previous to the damage taking place.

Survey Fee (per Section 22) £ : : Fees applied for, 19. Received by me, 19. Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute Character Assigned Not for Class Contd



