

REPORT of SURVEY for REPAIRS, &c.

Date of Survey Report 14 99 When handed in at Local Office

Port of Lisbon

Survey held at Lisbon

Date First Survey 2-2-99 Last Survey 30-3-1899

on the Wood, Iron or Steel Comp Ship *Serreira*Master *S. dos Santos Pereira*TONNAGE:- Built at *Dumbarton*By whom *Scott & Linton*When *1869*GROSS *963*Owners *J. A. Ferreira & Co*Port belonging to *Lisbon*UNDER DK *892*

Owners' Address

NET *921*

(If not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? *Both* Name of Dock *Nº 2 Harbour Works* Destined Voyage *Delagoa Bay, E. Africa*WB=CellDBorDBa feet; uE&B feet; I 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 ballast space.

Last Report, No. *5593* Port *Antwerp*

(Periodical Surveys, when held, must be reported in detail and verbatim 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 summarized 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.
Contd 13A1 19
from 12-88 London
* 8-95 or Ant 93
Ex 7-95 CF Iron frame planted
Society's Freeboard (if assigned) as 5-4-3 ins.
painted on Ship and now verifiedREPAIRS, OR EXAMINATION AS PER RULE, FOR *Special Survey*.

This vessel being placed in the Nº 2 Dry Dock of the Harbour Works I examined her externally and internally and found the Copper sheathing in good condition. To ascertain the condition of the Keel, planking and caulking of the bottom large portions of sheathing was stripped off the Keel, stern, sternpost & on both sides amidships and in way of top timbers and I found all parts thus exposed in good condition. The Caulking of the bottom, top sides, etc. was carefully tested and found in good order. One copper bolt was taken out, examined and found to be $\frac{3}{4}$ " diam and in good condition; the remainder were tested and none found broken. The rudder post, rudder and rudder braces were also found in a satisfactory condition. New copper sheathing was applied where the old had been disturbed. The timber boards and caulking were removed on both sides of the hold and tween-decks, in accordance with the rules, portions of cement were cut out from different parts and I found it in very good condition and

SUMMARY OF DAMAGE REPAIRS:-	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:-
Removed								
Removed and Fair'd or Repaired								
Fair'd or Repaired in place								

PRESENT CONDITION OF THE	Stringers <i>good</i>	Engine Room Skylights <i>—</i>	Boats <i>good - 1 new.</i>
Decks <i>good</i>	Inner Bottom Plating <i>—</i>	Coal Bunkers, Open'gs, Lids, &c. <i>—</i>	Masts, Yards, &c. <i>yes good</i>
Caulking of Decks <i>good</i>	State if Tanks now tested <i>—</i>	Souppera <i>good</i>	Condition, how ascertained <i>aloft</i>
Waterways <i>good</i>	Bulkheads <i>—</i>	Cargo Hatchways <i>good</i>	(State if wedges removed <i>yes</i>)
Coamings <i>good</i>	Ceiling <i>good</i>	Hatches <i>good</i>	Sails <i>good</i>
Beams & Fastenings <i>good</i>	Cement or Asphalt (State which.) <i>—</i>	Planking of Wood Vessels <i>—</i>	Equipment letter <i>—</i>
Outside Plating <i>good</i>	Rudder <i>good</i>	Treenails ditto <i>—</i>	Anchors, No. of <i>3 B 2 K 2 S</i>
Caulking of ditto <i>good</i>	Windlass <i>good</i>	Breasthooks & Stems ditto <i>—</i>	Cables (State if now ranged) <i>yes</i>
Rivets <i>good</i>	Have Pumps now been examined and found efficient? <i>yes good</i>	Transoms, Pointers, & Crutches ditto <i>—</i>	.. length <i>300 ft</i> size <i>1 1/2"</i>
Breasthooks & Crutches <i>good</i>	Have Juice Valves now been examined and found efficient? <i>—</i>	Timbers of Frame at openings ditto <i>—</i>	.. (on board) <i>—</i>
Transoms <i>good</i>	Have Watertight Doors now been examined and found efficient? <i>—</i>	Ditto ditto at other places ditto <i>—</i>	.. Rule length <i>270 ft</i> size <i>1 1/2"</i>
Frames <i>good</i>	Dblg. Plates under Sounding Pipes <i>—</i>	Stringers, Clamps & Shells ditto <i>—</i>	.. (per Table 22) <i>—</i>
Reverse Frames <i>good</i>		Salting (State if examined.) ditto <i>—</i>	Hawsers & Warps <i>good</i>
Floors <i>good</i>		Copper, or I.M. (State if on felt.) ditto <i>Copper</i>	Standing & Running Rigging <i>good</i>
Keelsons <i>good</i>		When put on, Month <i>7</i> Year <i>1896</i>	

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 ptn98, &c."

I therefore consider this vessel to be now in a perfect condition of seaworthiness and is in my opinion eligible to continue as now classed in the Register Book and to have record of Survey: *Lisbon 3:99* and Notation: *S.S. Lisbon 3:99*.

Office Fee (if chargeable) per Scale II., Sec. 27	1	:-	:-	Fees applied for,
Survey Fee (per Section 28)	7	:-	:-	30-3 18.99
Special Damage or Repair Fee (if any) (per Sec. 28.)	—	:-	:-	Received by me,
Travelling Expenses (if chargeable)	—	:-	:-	8-14 18.99
Second Surveyor's Fee (if any)	—	:-	:-	28-0-0

Committee's Minute

Character assigned

TUES. 18 APR 1899

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L.S. 99

with Lis

Oliver Thenderson
Surveyor to Lloyd's Register of British & Foreign Shipping.



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Lloyd's Register Foundation

adhering securely to frames and keel plate. The frames & all the iron work being free from oxidation, new cement was laid where the old had been cut out and all the iron work was coated. On examination I found the fore peak and its wood lining in good condition, the lining having been partly removed; but the wood lining in the after peak being defective, it was stripped off, the iron work chipped & painted & new wood lining put on, same being afterwards coated with black varnish as also the lining of the fore peak. I examined the decks, stanchions, bulwarks, latches & coamings, finding all in good condition. The caulking of the decks was tested and found in good order. Beams and fastenings, as also breasthooks, stemson, frames, crutches, etc were all examined and found satisfactory. The wedges were removed and the masts, yards & rigging were examined aloft & hammered & found in good condition as well as the sails & running rigging. The steam windlass was thoroughly overhauled & found in good working order. Examined the steering gear and all pumps & found everything in good condition. The cables were ranged on deck & found efficient. The boats including one life-boat (4 in all) were examined & found in good order, with the exception of one boat which was condemned and replaced by a new one.