

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 11th Oct. 1939 When handed in at Local Office 1939 Port of Rio de Janeiro
 No. in Reg. Book 296114 Survey held at Rio de Janeiro Date, First Survey 9th Oct. Last Survey 10th Oct. 1939
 on the Wood, Iron or Steel 22 1/2 MERCATOR (No. of Visits 3)

TONNAGE:-
 GROSS 4260 Built at Near Helsingfors By whom Furness Withy & Co. Ltd. When 1904 YEAR. MONTH.
 UNDER DEK. 3949 Owners A/B Finland Amersike Linjen A/S Owners' Address (if not already recorded in Appendix to Register Book).
 NET 2569 Managers ✓ Port belonging to Helsingfors

Surveyed Afloat or in Dry Dock? yes Name of Dock Alayside at Works Destined Voyage Finland
 Cell/D/Bor/D/Ba feet; uE&B feet; 1 feet; 1 feet }
 total capacity tons. FPT tons; APT tons; MT feet tons. }
 Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.

Last Report, No. 1887 Port Gdy

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to complete the Surveys should be summarised. 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.

CHARACTER. * for Special Survey, Date of last Survey and of Periodical Surveys.	Machinery and Boiler Surveys (including date of N.B., in any).
<u>100 A1 Spec. Act.</u>	<u>L.M.C.</u>
<u>3-39</u>	<u>M.S. 4-27</u>
<u>S.S. 6/22 No. 3-29</u>	<u>B.S. 7-39</u>
<u>S.S. 4/20 No. 37</u>	<u>F.S. (CL) 8-38</u>

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 to whom and why they were declined ✓
 Society's Freeboard (if assigned) as painted on Ship and now verified fl. ins.

Was a damage report made by anyone else? If so, by whom? ✓

REPAIRS, OR EXAMINATION AS PER RULE, FOR defective windlass cylinders

Attended by request of Agents at the works to examine repairs being carried out to the windlass cylinder block. Found the underside of both cylinders washed through and hold, the valve chest chambers being in similar condition.
 Temporary repairs now effected, patterns made, and four cast iron patches made, bedded completely across the whole cylinder block with manganese putty and secured with top bolts and second pins. Subsequently erected on board, and the windlass tested bearing both anchors, and found to be satisfactory.
 The Master states a new cylinder block will be ordered at once, and a limit of six months has been placed on the windlass.

SUMMARY OF DAMAGE REPAIRS:-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:-
Renewed								
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE	Bulkheads	Engine Room Skylights	Copper, or Y.M. (State if on Felt)
Condition of Decks <u>Good</u>	Ceiling <u>✓</u>	Coal Bunkers, Openings, Covers, &c. <u>✓</u>	When fitted, Month Year
Stowage <u>✓</u>	Cement or Asphalt <u>✓</u>	Oil Bunkers <u>✓</u>	Boats <u>Good</u>
Rigging <u>✓</u>	Rudder <u>Good above water</u>	Scuppers <u>✓</u>	Masts, Yards, &c. <u>✓</u>
Decks & Fastenings <u>✓</u>	Steering gear and its connections <u>Good</u>	Cargo Hatchways <u>Good</u>	Condition, how ascertained <u>from deck</u>
Side Plating <u>✓</u>	Windlass <u>as above</u>	Hatches <u>✓</u>	(state if wedges removed)
" in way of sidelights <u>✓</u>	Have pumps been examined and found efficient? <u>✓</u>	Planking <u>✓</u>	Equipment letter <u>X</u>
Frames <u>✓</u>	Have Sluice Valves been examined and found efficient? <u>✓</u>	Caulking <u>✓</u>	Anchors, No. of <u>✓</u>
Stanchions <u>✓</u>	Have Watertight Doors been examined and found efficient? <u>✓</u>	Treenails <u>✓</u>	Cables (State if now ranged) <u>✓</u>
Decks <u>✓</u>	Have Ventilators and their Coamings been examined and found efficient? <u>yes</u>	Breasthooks & Stemson <u>✓</u>	" length <u>Solid copper</u>
Bottom Plating <u>✓</u>	Air and Sounding Pipes <u>✓</u>	Transoms, Pointers & Crutches <u>✓</u>	(on board)
the Tanks been examined internally? <u>✓</u>	Doubling Plates under Sounding Pipes <u>✓</u>	Timbers of Frame at openings <u>✓</u>	" Rule length <u>✓</u> size <u>✓</u>
the Tanks been tested? <u>✓</u>		" " at other places <u>✓</u>	Chain Locker <u>✓</u>
		Stringers, Clamps & Shelves <u>✓</u>	Hawsers & Warps <u>✓</u>
		Sailing <u>✓</u>	Standing and Running Rigging <u>✓</u>
		(State if examined.)	Sails <u>✓</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 classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1-38."
This vessel, as far as now seen, is in efficient condition, eligible in my opinion to be continued as classed, subject to the windlass cylinder block being renewed before the end of April 1940.

Survey Fee (per Section 29) <u>2</u>	Fees applied for, <u>11th Oct. 1939</u>
Special Damage or Repair Fee (if any) <u>4005000</u>	Received by me, <u>11th Oct. 1939</u>
Travelling Expenses (if chargeable) <u>1208000</u>	
Additional attendants fee <u>4008000</u>	
Special Surveyor's Fee (if any) <u>2</u>	

M. Thompson
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 21 NOV 1939
 Character Assigned As. 11/16

