

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 18... When handed in at Local Office 18... Port of Glasgow

No. in Reg. Book Survey held at Glasgow Date, First Survey 10 Dec 1896 Last Survey 14 Jan 1897

477 on the Wood, Iron or Steel Twin S.S. "Tosa Maru" (ex Islam) Master J. B. Macmillan

TONNAGE Built at Belfast By whom Harland & Wolff When 1892 12

GROSS 5789 Owners Messrs Yusen Kaishiki Kaisha Port belonging to Tokio

UNDER DECK 5352 Owners' Address (if not already recorded in Appendix to Register Book.)

NET 3589 Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock headwside Destined Voyage Japan

WB=Cell DBa 380 feet; u&B feet; f feet; total capacity 116 tons. FPT 72 tons; APT 66 tons; MT feet tons.

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.

Last Survey, No. 178 Port YRA

Periodical Surveys, when held, must be reported in detail and seriatim 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, OR EXAMINATION AS PER RULE, FOR Docking & alterations

This vessel has been placed in dry dock the bottom chamed, examined and recoated. A bilge keel has been fitted on each side of vessel formed of 13" bulb and extending for a length of 200ft. The cellular double bottom has been extended for a length of 40 feet at fore end increasing capacity of tanks 40 tons; the scantlings being the same as the tank adjoining and tested by water pressure to a height of load water line with satisfactory results. An engine suction has been fitted for filling and emptying tank, also an engine suction and lead pump fitted at wings on each side of vessel. The tunnel well and hold well have been plated over at after end of vessel and made watertight efficient non return valves being fitted for draining hold and tunnel into wells. The top plating of cellular D.B. in holds and bunkers have been cleaned and recoated. Two lengths of chain cable were found to

SUMMARY OF DAMAGE REPAIRS: - Plates, Frames, R. Frames, Floors, Beams, Str. Plates, Dk. Plates, Other Items: -

PRESENT CONDITION OF THE Decks, Waterways, Coamings, Up'r Dk. Beams & Fastenings, Low'r Dk. Beams & Fastenings, Plating, Planking, Rivets or Treenails, Breasthooks & Stemson, Transoms, Pointers, & Crutches, Rudder, Windlass & Capstan, 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?, Dblng. Plates under Sounding Pipes, Engine Room Skylights, Coal Bunker, Open'gs, Lids, &c., Scuppers, Cargo & Main H'tch'w'ys, Hatches, Boats, Masts, Yards, &c., Condition, how ascertained, Sails, Equipment letter, Anchors, No. of, Cables (State if now ranged), Rule length, Hawsers & Warps, 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 ptND91, &c."

This vessel is in our opinion eligible to remain as classed and have record of survey 1.97. The particulars of water ballast to be altered in Reg. Book to 380 feet 1166 tons

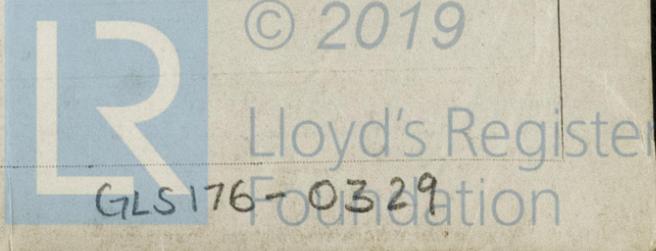
Office Fee (if chargeable) per Scale II, Sec. 27, Survey Fee (per Section 28), Special Damage or Repair Fee (if any), Travelling Expenses (if chargeable), Second Surveyor's Fee (if any), Fees applied for, Received by me

Committee's Minute TUES 26 JAN 1897 Character assigned

Surveyor to Lloyd's Register of British & Foreign Shipping. [Signatures]

Is a Report also sent now on the Machinery of the Ship? If not, state whether, and when, one will be sent?

Is Certificate required? If so to be sent to



14942 lbs.

have several links with studs out, these were repaired and retested with unsatisfactory results. The 30 fathom has now been replaced with new, particulars as follows.

30 fms of 2 5/16" stud link weight 78^c 2^{cu} 8^{lb}.

Test 96.25 & 134.75 tons No. of Cert. 2199 Glasgow 14/1/27

J. Seehouse, Supt.

The 30 fathom have been deleted from original certificate by J. Seehouse.

H.P.

N.B.—If this Report is copied by Copying Press, special care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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