Rpt. 8. (Received at London Office WED. 22 FEB 1899) No. 60765.

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 21st Feb 1899 When handed in at Local Office ..... 18..... Port of London

No. in Reg. Book. Sup 31 — Survey held at Tilbury — Date, First Survey 15th Feb 3 (No. of Visits) Last Survey 20th Feb 1899

on the ~~Wood, Iron or~~ Steel SS Mesaba — Master

TONNAGE:— GROSS 6833 UNDER DK. 6052 NET 4423

Built at Belfast — By whom Harland & Wolff — When YEAR 1898 MONTH 2

Owners Atlantic Transport Co Ld. — Port belonging to Liverpool

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

Surveyed ~~Afloat or~~ in Dry Dock? — Name of Dock Tilbury — Destined Voyage

WB=CellDBorDBa ..... feet; uE&B ..... feet; I ..... feet; total capacity ..... tons. FPT ..... tons; APT ..... 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. 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.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. ✠ for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A1 1.99		✠ LMC 2.98

Last Report, No. 60624 Port Lon

(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 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, 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.

Society's Freeboard (if assigned) as painted on Ship and now verified ..... ft. ..... ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Addition of Bilge Keels

The bottom has been examined in dry dock, cleaned and coated.

Bilge keels have now been fitted, about 200 feet in length, composed of 12 inch bulb bar and large double angles.

SUMMARY OF DAMAGE REPAIRS :—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :—
Renewed								
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Decks: good; Caulking of Decks: "; Waterways: "; Coamings: "; Beams & Fastenings: "; Outside Plating: "; Caulking of ditto: "; Rivets: "; Breasthooks & Crutches: ✓; Transoms: ✓; Frames: "; Reverse Frames: "; Floors: ✓; Keelsons: ✓

Stringers: ✓; Inner Bottom Plating: ✓; State if Tanks now tested: ✓; Bulkheads: ✓; Ceiling: ✓; Cement or Asphalt (State which.): ✓; Rudder: good; Windlass: "; 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: good; Coal Bunkers, Open'gs, Lids, &c.: "; Scuppers: "; Cargo Hatchways: "; Hatches: "; Planking of Wood Vessels: ✓; Treenails ditto: ✓; Breasthooks & Stemson ditto: ✓; Transoms, Pointers, & Crutches ditto: ✓; Timbers of Frame at openings ditto: ✓; Ditto ditto at other places ditto: ✓; Stringers, Clamps & Shelfs ditto: ✓; Salting (State if examined.) ditto: ✓; Copper, or Y.M. (State if on Felt.) ditto: ✓; When put on, Month ..... Year .....

Boats: good; Masts, Yards, &c.: "; Condition, how ascertained: from Dk (State if wedges removed .....); Sails: ✓; Equipment letter: C+; Anchors, No. of: 6; Cables (State if now ranged): ✓; " length (on board) ..... size .....; " Rule length (per Table 22) ✓ size .....; Hawsers & Warps: good; 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, 1,98," or "to remain as classed and to have record of survey, 1,98, and the notations of *ss No.* 1–98 and ptND98, &c.."

This vessel now appears to be in good condition and is eligible in my opinion to remain as classed with record of survey 2.99

Office Fee (if chargeable) *per Scale II., Sec. 27* ..... £ : :

Survey Fee *(per Section 28)* ..... £ : :

Special Damage or Repair Fee (if any) *(per Sec. 28.)* ..... £ : :

Travelling Expenses (if chargeable) ..... £ : :

Second Surveyor's Fee (if any) ..... £ : :

Fees applied for, ... 18.....

Received by me, ... 18.....

A Campbell Holms

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

FRI. 24 FEB 1899

HULL CERTIFICATE WRITTEN. 27/2/99

Committee's Minute

Character assigned ✓ 100A1

Was a Survey also held on the Machinery of the Ship? If so, is the Report sent now, or when will it be sent?

Is Certificate required? If so to be sent to

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

10,000.—18/10/98.—Transfer Ink.

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