

# REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 16-3-98 When handed in at Local Office 18 Port of London  
 No. in Reg. Bo. Survey held at London Date, First Survey 9 / Last Survey 12<sup>th</sup> Mar 1898  
 683 on the Wood, Iron or Steel 88 "Michigan" (No. of Visits) Master

TONNAGE:- Built at Belfast By whom Huland & Wolff When 1890 YEAR. MONTH. 6  
 GROSS 3722 Owners William Long & Field Port belonging to London  
 UNDER DECK 3473 Owners Address  
 NET 2383 (if not already recorded in Appendix to Register Book.)  
 Surveyed Afloat or in Dry Dock? Name of Dock Albert Destined Voyage  
 WB=CellDBorDBa feet; uE&B feet; f 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.

Last Report, No. 59188 Port London

(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, 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.)

REPAIRS, OR EXAMINATION AS PER RULE, FOR Location

The bottom has been examined in dry dock, cleaned & coated. A few rivets in keel & rudder renewed.

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	Timbers of Frame at the openings	Rudder	Hatches
Decks <u>good</u>	Ditto ditto at other places <u>✓</u>	Windlass & Capstan <u>good</u>	Boats <u>good</u>
Waterways <u>"</u>	Keelsons <u>✓</u>	Have Pumps now been examined and found efficient? <u>✓</u>	Masts, Yards, &c. <u>"</u>
Coamings <u>"</u>	Stringers, Clamps & Shelves <u>✓</u>	Have Sluice Valves now been examined and found efficient? <u>✓</u>	Condition, how ascertained <u>from th</u> (State if wedges removed <u>no</u> )
Up'r Dk. Beams & Fastenings <u>✓</u>	Salting (State if examined.) <u>✓</u>	Have Watertight Doors now been examined and found efficient? <u>✓</u>	Sails <u>no</u>
Low'r Dk. Beams & Fastenings <u>✓</u>	Ceiling <u>✓</u>	Dblg. Plates under Sounding Pipes <u>✓</u>	Equipment letter <u>X</u>
Plating <u>good</u>	Cement or Asphalt (State which.) <u>✓</u>	Engine Room Skylights <u>good</u>	Anchors, No. of <u>6</u>
Planking <u>"</u>	Tanks (State if now tested.) <u>✓</u>	Coal Bunker, Open'gs, Lids, &c. <u>"</u>	Cables (State if now ranged) <u>no</u>
Rivets or Treanails <u>✓</u>	Caulking of Bot'm, D'k, & Wat'rw'ys <u>good</u>	Scuppers <u>"</u>	" length (on board) size
Breasthooks & Stemson <u>✓</u>	Copper, or Y.M. (State if on Fell.) <u>✓</u>	Cargo & Main H'tch'w'ys <u>"</u>	" Rule length (per Table 22) size
Transoms, Pointers, & Crutches <u>✓</u>	When put on, Month <u>✓</u> Year <u>✓</u>		Hawsers & Warps <u>good</u>
			Standing & Running Rigging <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 now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,97," or "to remain as classed and to have record of survey, 1,97, and the notations of ss No. 1-97 and ptND97, &c."

This vessel now appears to be in good & efficient condition & is eligible in my opinion to remain as classed with record of survey 3.98

Office Fee (if chargeable) per Scale II., Sec. 27	Survey Fee (per Section 25)	Special Damage or Repair Fee (if any) (per Sec. 25.)	Travelling Expenses (if chargeable)	Second Surveyor's Fee (if any)	Fees applied for,	Received by me,
£	£	£	£	£	18	18

Committee's Minute FRI, 18 MAR 1898  
 Character assigned 100A  
 Surveyor to Lloyd's Register of British & Foreign Shipping  
Al Campbell  
 LON715-0062

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

Is Certificate required? If so to be sent to

