

# REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 18..... When handed in at Local Office 18..... Port of London  
 No. in Survey held at London Date, First Survey 25-10 Last Survey 29-10 1899  
 Reg. Book. 32. on the Wood, Iron or Steel S/S "Mackinaw" (No. of Visits 2) Master .....

TONNAGE:— Built at Belfast By whom Harland & Wolff Ltd When 1891.  
 GROSS 3204 Owners Atlantic Traws. Co. Ltd Port belonging to Liverpool  
 UNDER DK. 2956 Owners' Address .....

NET 2050 (if not already recorded in Appendix to Register Book.)  
 Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock London S. Dock Destined Voyage America  
 WB=Cell D or DBa .. feet; u&B .. feet; J .. feet; }  
 total capacity .. tons. FPT .. tons; APT .. tons; MT .. feet .. tons. }  
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

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.

CHARACTER.	Years Assigned	Machinery and Boiler Surveys
For Special Survey.	Assigned	(including date of N.B., if any).
Date of last Survey and of Periodical Surveys.	10.98.	In red I & M.C. 7-98
S.S. Bel No 3-7.98.		
Society's Freeboard (if assigned) as painted on Ship and now verified .....		

Last Report, No. 61465 Port Lon  
 (Periodical Surveys, when held, must be reported in detail and serialim 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 Condition. Vessel stated to have grounded.

*Now placed in dry dock, bottom examined, paint found chafed and abraded, same cleaned & coated. Rivets at after end of Reel & lower part of propeller post found started now renewed. Points of 2 Y. Metal Rods of propeller slightly indented now dressed up, & one length of bulb plate of Starboard bilge Reel found severely indented in two places, now cut adrift, faired & replaced.*

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

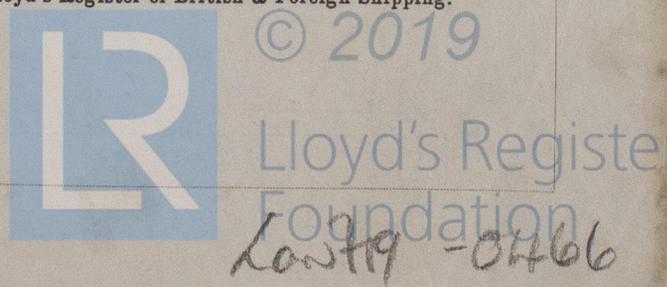
  

PRESENT CONDITION OF THE	Stringers	Engine Room Skylights	Boats
Decks <u>Good</u>	<u>Good</u>	<u>Good</u>	<u>Good</u>
Caulking of Decks .....	Inner Bottom Plating .....	Coal Bunkers, Open'gs, Lids, &c. ....	Masts, Yards, &c. ....
Waterways .....	State if Tanks now tested .....	Scuppers .....	Condition, how ascertained <u>from dk</u>
Coamings .....	Bulkheads .....	Cargo Hatchways .....	(State if wedges removed <u>Good</u> )
Beams & Fastenings .....	Ceiling .....	Hatches .....	Sails .....
Outside Plating .....	Cement or Asphalt (State which.) .....	Planking of Wood Vessels .....	Equipment letter <u>(V)</u>
Caulking of ditto .....	Rudder .....	Treenails ditto .....	Anchors, No. of <u>3B-18-1K</u>
Rivets .....	Windlass .....	Breasthooks & Stemson ditto .....	Cables (State if now ranged) <u>as seen</u>
Breasthooks & Crutches .....	Have Pumps now been examined and found efficient? .....	Transoms, Pointers, & Crutches ditto .....	length (on board) .....
Transoms .....	Have Sluice Valves now been examined and found efficient? .....	Timbers of Frame at openings ditto .....	Rule length (per Table 22) .....
Frames .....	Have Watertight Doors now been examined and found efficient? .....	Ditto ditto at other places ditto .....	Hawsers & Warps <u>Good</u>
Reverse Frames .....	Stringers, Clamps & Shelves ditto .....	Stringers, Clamps & Shelves ditto .....	Standing & Running Rigging <u>Good</u>
Floors .....	Salting (State if examined.) ditto .....	Salting (State if examined.) ditto .....	
Keelsons .....	Copper, or Y.M. (State if on felt.) ditto .....	Copper, or Y.M. (State if on felt.) ditto .....	
	Dblg. Plates under Sounding Pipes .....	When put on, Month .....	

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 being now in a good & efficient condition is eligible in my opinion to remain as classed and to have record of Survey 10-99.*

Office Fee (if chargeable) per Scale II., Sec. 27 ..... £  
 Survey Fee (per Section 25) ..... £  
 Special Damage or Repair Fee (if any) (per Sec. 28.) 1 18 0  
 Travelling Expenses (if chargeable) ..... £  
 Second Surveyor's Fee (if any) ..... £  
 Fees applied for, 571 9 00  
 Received by me, J. Shilston.  
 Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute FRI. 3 NOV 1899  
 Character assigned ASA 99 100A1  
 dms



Has a Survey also been held on the Machinery of this Ship? If so, to the Report sent new, or when still to be sent?

Is Certificate required? If so to be sent to