

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 18 When handed in at Local Office 18 Port of Glasgow
 No. in Survey held at Glasgow Date, First Survey 18th Oct 97 Last Survey 3rd Novemr 18 97
 Reg. Book. 48 on the Wood, Iron or Steel Steamer "Ralston" Master P. Johnston
 (No. of Visits) _____

TONNAGE:- Built at Gairley By whom J. & Arthur & Co. When 1892 YEAR. MONTH. 2
 GROSS 232 Owners Paton & Hendry Port belonging to Glasgow
 UNDER DK. 180 Owners' Address _____

NET 63 Owners' Address _____
 (if not already recorded in Appendix to Register Book.)
 Surveyed Afloat or in Dry Dock? Ship Name of Dock Kelvin hagh Destined Voyage Coasting
 WB=CellDBorDBa _____ feet; uE&B _____ feet; f _____ feet;
 total capacity _____ tons; FPT/3 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.

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ 100A.1</u>		<u>L.M.C.</u>
<u>7.97</u>		<u>2.96</u>
<u>S.S. Bug 2.1.96</u>		

Last Survey, No. 15387 Port Glasgow

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 as verified ft. 10 1/2 ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage sustained through grounding in the Tralce Canal on the 3rd Oct. 1897

One length of keel amidships taken out straightened and put back. On starb^d side two plates in A strake, one in B and two in C taken off, faired and replaced. On port side one plate in A strake and one in C taken off, faired and replaced. Ten floors amidships taken out faired and put back. Ten frame angles and reverse bars set fair in place. One plate of middle line keelson taken out straightened and put back. fifteen intercostal wash plates on starb^d side and eleven on the port side taken out and refitted. The lower bulge keelson on both sides of bilge unriveted set in correct position and riveted. The flat of bottom stiffened in way of repairs by attaching leg angles to the wash plates and fitting continuous angles to same fore and

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed								<u>middle line keelson, pillars, cement, and landing edge forward, keel &c</u>
Faired or Repaired ...	<u>8</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>1</u>		<u>1</u>	

PRESENT CONDITION OF THE	Timbers of Frame at the openings	Rudder	Hatches
Decks <u>good</u>	<u>good</u>	<u>good</u>	<u>good</u>
Waterways	Ditto ditto at other places	Windlass & Capstan	Boats
Coamings	Keelsons	Have Pumps now been examined and found efficient?	Masts, Yards, &c.
Up'r Dk. Beams & Fastenings	Stringers, Clamps & Shells	Have Sluice Valves now been examined and found efficient?	Condition, how ascertained
Low'r Dk. Beams & Fastenings	Soling	Have Watertight Doors now been examined and found efficient?	(State if wedges removed)
Plating	Cement or Asphalt	Engine Room Skylights	Sails
Planking	Tanks	Coal Bunker, Open'gs, Lids, &c.	Equipment letter
Rivets or Treanails	Caulking of Bot'm, D'k, & Wat'rw'ys	Souppers	Anchors, No. of
Breasthooks & Stemson	Copper, or T.M.	Cargo & Main H'tchw'ys	Cables (State if now ranged)
Transoms, Pointers, & Crutches	When put on, Month		" length
	Year		" Rule length
			(per Table 22)
			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, 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 is in my opinion eligible to remain as classed and to have record of survey 11.97

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
£	£	£	£	£	<u>24/11/1897</u>	<u>24/11/1897</u>
		<u>43 4/10</u>				<u>[Signature]</u>

Committee's Minute FRI. 26 NOV 1897
 Character assigned 100A
 Surveyor to Lloyd's Register of British & Foreign Shipping. [Signature]
 © 2019 Lloyd's Register Foundation
 GLS179-0010 (1/12)

Has a Survey also been 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

Steamer "Ralston"

and aft end bracketed to bulkhead at after end of hold; the landing edge of A. & B. strakes at fore end of hold partly riveted and a doubling plate fitted over landing edge for a length of 17' 6" on each side of vessel a liner being fitted in way of landing; two hold pillars repaired the tee bar to receive pillar heads renewed with double angles from after end of main hatch to after end of hold, one deck beam fixed in place. the deck plating between after end of M^o Hatchway and front of Bridge set fair in place; cement in way of repairs renewed; ceiling relaid; steering chains overhauled and repaired, rudder head rebushed.

H. H.