

# REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 2-3-99 When handed in at Local Office 2-3-99 Port of London  
No. in Survey held at London Date, First Survey 15-2-99 Last Survey 23-2-1899  
Reg. Book. 580 on the Wood, Iron or Steel s/s "RUAHINE" (No. of Visits) 5 Master Bone

TONNAGE:— Built at Dumbarton By whom W. Denny & Co When 1891-12  
GROSS 6127 Owners New Zealand Shipping Co Ltd Part belonging to Plymouth  
UNDER DECK 5222 Owners' Address  
NET 3926 (if not already recorded in Appendix to Register Book)

Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock R. A. Dock Destined Voyage New Zealand  
WB=Cell DBor DBa feet; uE&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. * 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).
<u>+100 A1.</u> <u>10/98</u>		<u>B8 10/98</u> <u>+ RMC 3/96</u>
<u>S-S-Lon 701-96</u>		
Society's Freeboard (if assigned) as painted on Ship and now verified } <u>—</u> ft. <u>—</u> ins.		

Last Report, No. 60343 Port Lon  
(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 Condition

This steamer now ~~a~~ was placed in Dry Dock  
the bottom examined cleaned & recoated

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	Stringers	Good	Engine Room Skylights	Good	Boats	Good		
Decks	Inner Bottom Plating		Coal Bunkers, Open'gs, Lids, &c.		Masts, Yards, &c.			
Caulking of Decks	State if Tanks now tested		Scuppers		Condition, how ascertained			
Waterways	Bulkheads		Cargo Hatchways		(State if wedges removed)			
Coamings	Ceiling		Hatches		Sails			
Beams & Fastenings	Cement or Asphalt (State condition.)		Planking of Wood Vessels		Equipment letter			
Outside Plating	Rudder		Treenails ditto		Anchors, No. of			
Caulking of ditto	Windlass		Breasthooks & Stemson ditto		Cables (State if now ran)			
Rivets	Have Pumps now been examined and found efficient?		Transoms, Pointers, & Crutches ditto		length			
Breasthooks & Crutches	Have Sluice Valves now been examined and found efficient?		Timbers of Frame at openings ditto		State complete			
Transoms	Have Watertight Doors now been examined and found efficient?		Ditto ditto at other places ditto		(per Table 22)			
Frames	Have Watertight Doors now been examined and found efficient?		Stringers, Clamps & Shelves ditto		Hawsers & Warps			
Reverse Frames	efficient?		Salting (State if examined.)		Standing & Running Rigging			
Floors	efficient?		Copper, or Y.M. (State if on Fell.)					
Keelsons	Dblng. 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 steamer appears to be in good condition, eligible in my opinion to remain as classed with a fresh record of survey  
Lon 2/99

Office Fee (if chargeable) per Scale II., Sec. 27 .....£ : : Fees applied for, :  
Survey Fee (per Section 28) .....£ : : 18.....  
Special Damage or Repair Fee (if any) .....£ : : Received by me, :  
(per Sec. 28.) : : Edward Jno Tierney :  
Travelling Expenses (if chargeable) .....£ : : : Surveyor to Lloyd's Register of British & Foreign Shipping.  
Second Surveyor's Fee (if any) .....£ : : :  
TUES, 7 MAR 1899

Committee's Minute  
Character assigned  
LLOYD'S REGISTER OF SHIPING  
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LON 717-0471