

## REPORT of SURVEY for REPAIRS, &amp;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 1/12/99 Last Survey 18  
 Reg. Book. 581 on the Wood Iron or Steel SS RUAHINE (No. of Visits) one Master Bone  
 TONNAGE: Built at Dumbarton By whom Mr Denny & Co When 1891-12  
 GROSS 6121 Owners New Zealand Ship Co Ltd Port belonging to Plymouth  
 UNDER DEK. 5222 Owners' Address  
 NET 3928 (if not already recorded in Appendix to Register Book.)  
 Surveyed Afloat or in Dry Dock Dry Dock Name of Dock R A Dry Dock Destined Voyage New Zealand

WB = Cell D B or D B feet; u E & B feet; J feet; feet;  
 total capacity tons. FPT tons; APT tons; MT 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. 61267 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.

CHARACTER, for Special Survey, Date of last Survey and of Periodical Surveys.  
 \* 100TH 1 7/99 2/99  
 Machinery and Boiler Surveys (including date of N.B., if any).  
 13 8 10 98  
 H.M.C. 3/96

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

REPAIRS OR EXAMINATION AS PER RULE, FOR

Condition

This steamer was seen in dry dock the bottom was examined cleaned and recoated.

The Special Survey No 2 now about due cannot be attended to at the present moment as the vessel is urgently required, but will be taken in hand on return to the UK if possible.

## SUMMARY OF DAMAGE REPAIRS:—

|  | Plates.  | Frames. | R. Frames. | Floors. | Beams. | Str. Plates. | Dk. Plates. | Other Items:— |
|--|----------|---------|------------|---------|--------|--------------|-------------|---------------|
| Renewed  |          |         |            |         |        |              |             |               |
| Removed and Fair'd or Repaired                               |          |         |            |         |        |              |             |               |
| Fair'd 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   | ✓        |         |            |         |        |              |             |               |
| Reverses Frames  | ✓        |         |            |         |        |              |             |               |
| Floors   | ✓        |         |            |         |        |              |             |               |
| Keelcons   | ✓        |         |            |         |        |              |             |               |
| Stringers  | Good     |         |            |         |        |              |             |               |
| Inner Bottom Plating   | ✓        |         |            |         |        |              |             |               |
| State if Tanks now tested                                    | no       |         |            |         |        |              |             |               |
| Bulkheads  | ✓        |         |            |         |        |              |             |               |
| Ceiling  | ✓        |         |            |         |        |              |             |               |
| Cement or Asphalt (State which)                              | ✓        |         |            |         |        |              |             |               |
| Rudder   | ✓        |         |            |         |        |              |             |               |
| 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? | ✓        |         |            |         |        |              |             |               |
| Dblg. 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 & Stems  | ditto    |         |            |         |        |              |             |               |
| Transoms, Pointers, & Crutches                               | ditto    |         |            |         |        |              |             |               |
| Timbers of Frame at openings                                 | ditto    |         |            |         |        |              |             |               |
| Ditto ditto at other places                                  | ditto    |         |            |         |        |              |             |               |
| Stringers, Clamps & Shelves                                  | 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  | good     |         |            |         |        |              |             |               |
| Equipment letter   | at       |         |            |         |        |              |             |               |
| Anchors, No. of  | 13-15-1K |         |            |         |        |              |             |               |
| Cables (State if now ranged)                                 | no       |         |            |         |        |              |             |               |
| length   |          |         |            |         |        |              |             |               |
| size   |          |         |            |         |        |              |             |               |
| (on board)   | ✓        |         |            |         |        |              |             |               |
| " (in length)  | ✓        |         |            |         |        |              |             |               |
| (per Table 22)   | ✓        |         |            |         |        |              |             |               |
| Hawsers & Warps  | good     |         |            |         |        |              |             |               |
| Standing & Running Rigging                                   | ✓        |         |            |         |        |              |             |               |

## General Observations, Opinion as to Class, Recommendation, &amp;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 now appears to be in good condition, eligible in my opinion to remain as classed with a fresh record of survey Lon 12/99

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,

Received by me,

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

Committee's Minute

Character assigned

FRI. 15 DEC 1899

100TH

+ L.M.C. 12.99



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LN 720-011