

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 7 April 1895 When handed in at Local Office 18 Port of London
No. in Survey held at London Date, First Survey 25 Jan Last Survey 1 April 1895
Reg. Book. 77 on the Wood, Iron or Steel 5.5 "Harrigal" Master Schen
(No. of Visits)

TONNAGE:- Built at Sunderland By whom Sunderland S. B. C. When 1893 8
GROSS 4357 Owners W. Lund Port belonging to London
UNDER DECK 4036 Owners' Address
NET 2778 (If not already recorded in Appendix to Register Book.)
Surveyed Afloat or in Dry Dock? - Name of Dock Fresh India D. Destined Voyage Australian
WB=DBa tons; f tons; uE&B tons; Cell DB tons; }
FPT tons; APT tons; MT 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 (including date of N.B., if any). |
|---|----------------|--|
| * for Special Survey. Date of last Survey and of Periodical Surveys. | expired | |
| + 100 A. 1. | | + LMC 8.93 |
| 8.94 | | |

Last Survey, No. 1055 Port Bry
(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.)
Society's Freeboard (if assigned) as painted on Ship and now verified ft. ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Insulation of Fore and Main Holds
Vessel placed in dry dock, bottom examined cleaned and painted

all ceiling removed from the top of tanks in fore main holds, the tanks tested with water pressure and found tight, tank tops scraped and recoated with tar and cement and ceiling relaid.
all the steel-work in fore and main holds and tween decks cleaned and painted

The fore and main holds have now been insulated and additional pillars fitted to lower deck under the refrigerating engine.

SUMMARY OF DAMAGE REPAIRS:—Plates, Fair or Repaired; Frames, ditto. Plates, Renewed; Frames, ditto. Other Repairs.

| PRESENT CONDITION OF THE | Doubling Plates under Sounding Pipes | Copper, or I.M. (State if on Felt.) | Hatches |
|--------------------------------|---|-------------------------------------|------------------------------------|
| Decks Good | Transoms, Pointers, & Crutches not seen | When put on, Month Year | Good |
| Waterways " | Timbers of Frame at the openings Good | | Boats " |
| Coamings " | Ditto ditto at other places not seen | Rudder Good | Masts, Yards, &c. " |
| Up'r Dk. Beams & Fastenings " | Keelsons Part seen Good | Windlass & Capstan " | Condition, how ascertained from Mk |
| Low'r Dk. Beams & Fastenings " | Clamps, Shells & Stringers " | Pumps " | Sails |
| Plating " | Salting (State if examined.) " | Engine Room Skylights " | Equipment letter |
| Planking " | Ceiling " | Coal Bunker, Open'gs, Lids, &c. " | Anchors, No. of 4B: 15: 1K |
| Transoms or Rivets " | Cement or Asphalt not seen (State which.) | Scuppers " | Cables (State if now ranged) no |
| Breasthooks & Stemson not seen | Tanks Part seen Good (State if now tested.) | Cargo & Main H'tch'w'ys " | " length size |
| | Caulking of Bot'm, D'k, & Wat'r'w'ys Good | | " Rule length size |
| | | | Hawsers & Warps Good |
| | | | 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, 9,91," or "to remain as classed and to have record of survey, 9,91, and the notations of ss No. 1-91 and ptnD91, &c."

This vessel, so far as seen, is now in good and efficient condition and eligible in our opinion to remain as classed with record of survey "4.95"

| 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) (per Sec. 28.) | Received by me, |
| Travelling Expenses (if chargeable) | 18. |
| Second Surveyor's Fee (if any) | |

*Is Certificate now required?
Committee's Minute THUR 11 APR 1895
Character assigned 100A

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