

# REPORT of SURVEY for REPAIRS.

No. in  
Reg. Book.

No. 1152

Survey held at *P. Shields*

Date, first Survey *5<sup>th</sup> July*

Last Survey *24 July*

18 *71*

on the Iron Vessel "Maggie Leslie"

Master *J. W. Robertson*

Tonnage *434* built at *Newcastle*

When built *1862 - 9 mo*

By whom built *A. Leslie & Co.*

Owners *W. Lindsay*

Port belonging to *Leith*

Destined Voyage *Mauritius*

If Surveyed Afloat or in Dry Dock *Middle dock*

Last Survey, No. *6870*

Port *Iron*

Classed *12 A. 1.*

(*E.S. 68*)

*1.69.*

REPAIRS, &c.

*Now done in accordance with the Rules for Iron vessels, Survey No. 2.*

The hold, the air-courses, and the timbers cleared, and the ceiling removed at hinges as required; all oxidation removed from both surfaces of the plating, also from the frames, stringers, beams, and a vessel throughout; the cement found to be in excellent condition, and adhering well to the plating, frames &c; the chain cables ranged on deck and examined; the Windlass is an iron patent one; the whole of the main deck from breast forward, and from the shore next waterways into the comings of the hatchways, with some short lengths between hatchways forward, has now been renewed with yellow pine; and the entire vessel, inside

Present Condition of the

Decks *Plank and good*

Waterways "

Comings "

Upper Deck Beams & Fastenings "

Lower Deck Beams & Fastenings "

Planksheers "

Sheerstrakes "

Topsides "

Wales "

Plank (Bottom) and Counter "

Engine Room Skylights "

Coal Bunker, Openings, Lids, &c.

Scuppers

General Observations and Opinion,

*This vessel is now in good and efficient condition; and from the present examination of her, and of the copy of the original report upon her, I would respectfully recommend her to the favorable consideration of the Committee for the 100 A. 1. character, and to be marked S.S. No 2 - 1 P. 71.*

The Amount of Entry Fee.....£ 1 : : is received by me,

Special..... 3 : 3 : "

Certificate (if required) : : 5 : "

Committee's Minute

*1<sup>st</sup> August*

18 *71*

Character assigned

*100 A. 1*

*S.S. No 2 - 71*



9225 Iron

inside and outside, repainted.

The Owners are desirous that this vessel be now placed upon the 100 A.I. Character. With this view her dimensions, &c. have been obtained, and are as follow:—

$$\begin{array}{rcl} \text{Half moulded breadth} & 13.50 & \\ \text{Depth as per Rule} & 18.25 & \\ \text{Half girth as per Rule} & 26.75 & \\ \text{Length as per Rule} & = \frac{58.5}{15.5} = \text{first number.} & \\ & \frac{2925}{585} & \\ & \underline{9,067} = \text{Second number.} & \end{array}$$

From these numbers it will be observed that the frames and ribs are slightly deficient in scantling; but then they are spaced 18" apart in lieu of 22"; all the floor plates are considerably in excess of the present requirements, so are the keel and keelson, and the whole of the plating from keel to gunwale. Under all the circumstances of the case, therefore, I would respectfully offer the opinion that she is eligible for the class sought.

Tonnage account.

$$\begin{array}{rcl} \text{Tonnage under tonnage deck} & 451.57 & \\ \text{" of beam} & 16.55 & \\ \text{Deduction for Curvature} & 468.12 & \\ & \underline{33.65} & \\ \text{Register tonnage} & 434.47 & \end{array}$$

Dimensions per Register

$$\begin{array}{rcl} \text{Length} & 163.2 & \\ \text{breadth} & 27.1 & \\ \text{Depth} & 16.1 & \end{array}$$

A. J. Reed.

