

REPORT of SURVEY for REPAIRS, &c.

No. 4232

No. in Reg. Book. Survey held at *Leith* Date, first Survey *28th April* Last Survey *10th May 1879*

494 on the *Screw Ship "Ella"* Master *Alex. Duchan*
 Tonnage under Tonnage Deck *469* Built at *Swirethorpe* When built *1870 - 10*
 Ditto of Spar Deck, or Awaiting Deck Owners *J. Cormack* Port belonging to *Leith*
 Ditto of Poop Residence *Bernard Street, Leith*
 Ditto of Raised Qr. Dk. By whom built *Scott* Destined Voyage *Riga*
 Ditto of Houses on Deck If Surveyed Afloat or in Dry Dock *In dry dock & afloat*
 Gross Tonnage *693*
 Crew Space, as per Rule
 Register Tonnage, out on Beam
 Engine Room
 Reg. Tons as St. mer, out on Bm. *443*

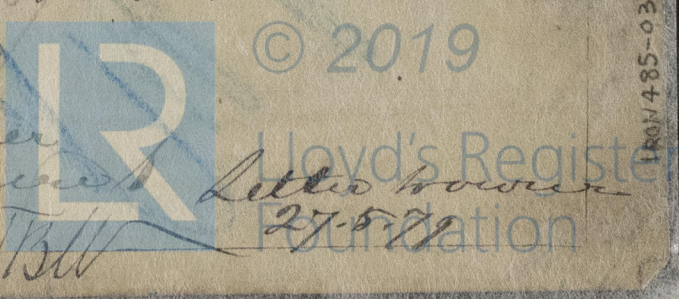
Length of Poop *ft.* Ditto, Forecastle *ft.* Ditto, Raised Quarter Deck *ft.* Years assigned. Character in Register Book.
 Last Survey, No. *19 4 49* Port *Andrews* Classed *90.A.1.*
 REPAIRS, OR EXAMINATION AS PER RULE *Special Survey No. 2.* *10.77*
load line 11 ft 11 in

Now done: The Vessel placed on blocks in dry dock, the timber boards & ceiling equal to three strakes fore & aft on each side removed: All oxidation beat & scraped off: The Cement Carefully inspected & tested by beating & chipping & renewed at parts where found defective: About 800 ft of close ceiling & spanning now renewed where found defective. The Chain cables ranged & these with anchors examined. Deep ballast tanks midships leaking at ridge & side stringers & now efficiently repaired. This being tested for water tightness & found satisfactory. Vessel painted outside & inside with red lead

Present Condition of the									
Decks	<i>Good</i>	<i>Timber</i>	<i>Good</i>	<i>Windlass and Capstan</i>	<i>Good</i>				
Waterways	<i>4</i>	Breasthooks and Stemson	<i>4</i>	Pumps	<i>4</i>				
Tomings	<i>4</i>	Transoms, Pointers, and Crutches	<i>4</i>	Boats	<i>4</i>				
Upper Deck Beams & Fastenings	<i>4</i>	Timber of the Frame at the openings	<i>4</i>	Masts, Yards, &c.	<i>4</i>				
Lower Deck Beams & Fastenings	<i>4</i>	Ditto Ditto at other places	<i>4</i>	Condition, how ascertained	<i>By drawing</i>				
Planksheer	<i>4</i>	Keelsons	<i>4</i>	Sails	<i>Good</i>				
Sheerstrakes	<i>4</i>	Clamps and Shelves	<i>4</i>	Anchors No. of	<i>3 B. 15. 2 K</i>				
Topsides	<i>4</i>	Ceiling	<i>4</i>	Cables	<i>2 10 - 1 1/2</i>				
Wales	<i>4</i>	Rudder	<i>4</i>	Hawsers and Warps	<i>4</i>				
(Bottom) and Counter	<i>4</i>	Copper Cement When put on	<i>1870</i>	Standing & Running Rigging	<i>4</i>				
Engine Room Skylights	<i>Good</i>	Caulking of	<i>Good</i>	Cargo and Main Hatchways	<i>Good</i>				
Coal Bunker, Openings, Lids, &c.	<i>Good</i>	Bottom, Deck, & Waterways	<i>Good</i>	Hatches	<i>Good</i>				
Scuppers	<i>Good</i>								

General Observations, Opinion as to Class, &c.
On account of the condition of the Vessel as stated in Engineer Surveyor's report accompanying it is respectfully submitted that the Figure 1. be with K to. - The Hull having been now examined as per by Rules & found in good condition I beg to recommend that she be entered in Reg. Book 90.A. as in good condition S.S. 10.77.

Amount of Entry Fee ... £ : : received by me, *John P. Hutchins*
 Special ... £ *4:4:0* *21st May 1879*
 Certificate (if required) ... £ : *5:0*
 Expenses, if any, £ : :
 Committee's Minute *27th May 1879*
 Character assigned *Insert Red Ring over this figure*
 Engineer Surveyor *James Macdonald*
 Lloyd's Register of British and Foreign Shipping.
 27.5.79



Classing Committee
Minute 15 July 1879

OK. 15/7/79
90A1 (revising the figures)
5.79
(Noted S.S. No 2-7, the Enquiries
not having been fully read)

The Boiler to be again
surveyed within
12 months

3. 6. 1879 Insert this on
15/7/79
Detto to
Mr. Hallion
W. Sturrock
15/7/79
In consequence
of action of
the Secretary

Case noted AS.
16/7/79

