

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report July 24<sup>th</sup> 1893 When handed in at Local Office is Port of Glasgow TUES. 25 JUL 1893  
No. in Reg. Book. 634 Survey held at Glasgow Date, First Survey 20<sup>th</sup> July 1892 Last Survey 21<sup>st</sup> July 1893  
on the S.S. "Minerva" Master J. Black

TONNAGE:— GROSS 678 UNDER DEK 605 NET 399  
Built at Newcastle By whom Palmer Bros & Co When 1862-1  
Owners Palgrave Murphy & Co Port belonging to London.  
Owners' Address (if not already recorded in Appendix to Register Book.)  
Surveyed Afloat or in Dry Dock? Slip Name of Dock Kelvinhaugh Destined Voyage Opato.  
WB=DBa tons; f tons; u&B tons; Cell DB tons; FPT tons; APT tons; MT tons.

Last Survey, No. 1211 / Port Glasgow  
(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 or Chains 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.)  
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
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).  
95 A.I. 4.92 B.S. 3.93 LMC 4.92  
S.S. Els No. 3.688 S.S. Dub No. 1.92  
Society's Freeboard (if assigned) as painted on Ship and now verified

REPAIRS, OR EXAMINATION AS PER RULE, FOR Docking —

Vessel's bottom examined, cleaned & coated when on the above Slip. About one hundred rivets, at upper turn of bilge on both Port & Starboard Sides, found pitted, now renewed. The Steam anchor was reported to have been left at Opato last voyage, ~~and~~ the Captain promised to have it placed aboard again when the vessel arrives at that port, and it will be reported in due course.

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

PRESENT CONDITION OF THE							
Decks	Good	Transoms, Pointers, & Crutches	not seen	Copper, or Y.M.	✓	Hatches	Good
Waterways	"	Timbers of Frame at the openings	Good	(State if on Felt.)	✓	Boats	"
Coamings	"	Bitto ditto at other places	"	When put on, Month	Year	Masts, Yards, &c.	"
Upper Deck Beams & Fastenings	"	Keelsons	"	Rudder	Good	Condition, how ascertained	From dh.
Lower Deck Beams & Fastenings	"	Clamps, Shells & Stringers	"	Windlass & Capstan	"	Sails	good
Plating	"	Sailings	"	Pumps	"	Anchors No. of	3 B. 08. 2 K
Planking	"	Ceiling	"	Engine Room Skylights	"	Cables, length	partly sea size good
Frames or Rivets	"	Cement or Asphalt (State which.)	not seen	Coal Bunker, Open'gs, Lids, &c.	"	(State if now ranged)	up
Breasthooks & Stemson	"	Tanks (State if now tested.)	Good	Scuppers	"	Hawsers & Warps	Good
		Caulking of Bot'm, D'k, & Wat'rw'ys	Good	Cargo & Main H'tch'w'ys	"	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 is in a good & efficient condition, and, in my opinion, eligible to remain as classed, with fresh record of Survey - 7.93 - upon the anchor (steam) being placed aboard & repaired upon.

Office Fee (if chargeable) per Section 28, Sec. 28  
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)  
Is Certificate now required?  
Fees applied for, 18.  
Received by me, 18.

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

Committee's Minute  
Character assigned Deferred  
FRI 28 JUL 1893

FRI 27 OCT 1893

