

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 15th April 1897 When handed in at Local Office 15 Port of London
 No. in Survey held at London Date, First Survey Feb 12 Last Survey Apr 2 1897
 Reg. Book. 66 on the Wood, Iron or Steel S.S. "Echuca" (No. of Visits) 9 Master Boul.

TONNAGE:— Built at Middlesbrough By whom R. Dixon & Co. When 1889 YEAR. MONTH.
 GROSS 2026 Owners H. Lund Port belonging to London
 UNDER DK. 2640 Owners' Address
 NET 1786 (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? Name of Dock London Dry Dock Destined Voyage New York via Hamburg
 WB=CellDBorDBa feet; uE&B feet; f feet; }
 total capacity tons. FPT tons; APT tons; MT feet 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 Survey, No. 57388 Port Lon

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 required.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A.1.		B53.95.
2.96.		
S.S. h.w. 2-1-93		+Smf 2.93.

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

Periodical Surveys, when held, must be reported in detail and serialim 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.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Part Special Survey No. 2.

Vessel placed in dry dock bottom examined cleaned & painted.

All ceiling removed from tops of Nos. 1, 2, 4 & 5 water ballast tanks, these tanks tested by water pressure, tank tops cleaned and recoated with tar & cement & ceiling relaid. Nos. 4 & 5 tanks cleaned out & examined inside. Nos. 3 water ballast tanks (under boilers) cleaned out and examined inside; the floor under forward boiler stool found somewhat wasted and requires to be doubled.

The forward cross bunker, after cross bunker down to lower deck and side tween deck bunkers examined.

The fore & after peaks examined. Mast & shaft rigging examined.

The survey will be further advanced on the vessel's return. (P.T.O.)

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed								
Faired or Repaired ...								

PRESENT CONDITION OF THE	Timbers of Frame at the openings	Rudder	Hatches
Decks <u>Good</u>	<u>Good</u>	<u>Good</u>	<u>Good</u>
Waterways <u>"</u>	Diets ditto at other places <u>"</u>	Windlass & Capstan <u>"</u>	Boats <u>"</u>
Coamings <u>"</u>	Keelsons <u>Part seen</u>	Have Pumps now been examined and found efficient? <u>Yes in above space</u>	Masts, Yards, &c. <u>"</u>
Up'r Dk. Beams & Fastenings <u>"</u>	Stringers, Clamps & Shells <u>"</u>	Have Sluice Valves now been examined and found efficient? <u>Yes in above space</u>	Condition, how ascertained <u>By exam?</u> (State if wedges removed <u>outlet</u>)
Low'r Dk. Beams & Fastenings <u>"</u>	Siding <u>"</u>	Have Watertight Doors now been examined and found efficient? <u>Yes</u>	Sails <u>"</u>
Plating <u>"</u>	Cement <u>Part seen</u>	Engine Room Skylights <u>"</u>	Equipment letter <u>M</u>
Blotting <u>"</u>	Tanks <u>" as above</u>	Coal Bunker, Open'gs, Lids, &c. <u>"</u>	Anchors, No. of <u>3 B. 1 S. 2 K.</u>
Rivets <u>"</u>	Caulking of Bot'm, D'k, & Wat'rwys <u>"</u>	Scuppers <u>"</u>	Cables (State if now ranged) <u>2</u>
Breasthooks & Stomons <u>"</u>	Copper, or Y.M. <u>"</u>	Cargo & Main H'toh'wys <u>"</u>	" length <u>"</u> size <u>"</u> (on board)
Trebans, Pointers, & Crutches <u>"</u>	When put on, Month <u>"</u> Year <u>"</u>		" Rule length <u>"</u> size <u>"</u> (per Table 22)
			Hawsers & Warps <u>Good</u>
			Standing & Running Rigging <u>"</u>

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, 1,97," or "to remain as classed and to have record of survey, 1,97, and the notations of ss No. 1-97 and ptND97, &c."

This vessel, as far as seen, is eligible in my opinion to remain as classed without fresh record of survey.

Office Fee (if chargeable) per Scale II., Sec. 27	Survey Fee (per Section 28)	Special Damage or Repair Fee (if any)	Travelling Expens (if chargeable)	Second Surveyor's fee (if any)	Fees applied for,
£	£ <u>On completion</u>	£	£	£	18
					Received by me,
					18

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

Committee's Minute FRI. 23 APL 1897
 Character assigned Deferred for completion of No. 2 B. 2.97.

TUES 13 JUL 1897
FRI. 14 JAN 1898



Here a Survey also been held on the Machinery of the ship? If so, is the Report sent now, or when will it be sent?

Is Certificate required? If so to be sent to

Port of

Continuation of Report No.

dated

on the

Steel S. S. "Echuca"

To complete the S. S. No 2 the following remains to be done.

No 1 and 2 water ballast tanks to be cleaned out and examined inside.

No 3 water ballast tank (under boilers) to be tested & the floor under forward boiler stow to be doubled.

The open bilges under engines to be cleaned out and examined.

The after cross bunker below lower deck to be examined, ceiling in same lifted & tank in way of same tested.

The deck work to be examined.

Chain cables to be raised.

Pumps & valves in above parts to be examined.

E. B. Chapman