Rpt. 8.

(Received at London Office WED 31 DEC 1919) No. 80040

REPORT of SURVEY for REPAIRS, &c.

RETAIN

Date of writing Report Dec 9 191 When handed in at Local Office 30 DEC 1919 191 Port of LIVERPOOL

No. in Reg. Book. 12792 Survey held at Liverpool Date, First Survey Nov 25 Last Survey Dec 20 1919 (No. of Visits 7)

on the ~~Wood~~, ~~Iron~~ or Steel S.S. 'ENGINEER' Master

TONNAGE:— GROSS 5883 UNDER DK. 5668 NET 3797

Built at Newcastle By whom Swan, Hunter & Wigham Richdson When YEAR 1908 MONTH 11

Owners Charente S.S. Co Ltd Port belonging to Liverpool

Owners' Address (T. & J. Harrison Mgrs) (if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? Name of Dock Herculaneum Dy Destined Voyage

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 Report, No. 4356 Port Mch

(Periodical Surveys, when held, must be reported in detail and seriatim 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 should be clearly stated in the space provided on the back of this form. 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).
✠ 100 A1 Lt 5.19		✠ L M C
Shelter deck with freeb'd		B.S. 2.18
S.S. Liv No 2-17		M.S. 7.16
		T.S. 6.17

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

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined? Yes & follow if required Was a damage report made by anyone else? If so, by whom? Grundy.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage repairs (see Greenock 17255).

The vessel examined in Dy dock. On the Port side abaft the after bulkhead of 2nd hold, the damaged portion of K 9 & 10 cropped and new plate fitted, two plates H 9 & 10 renewed, J 9 & 9 removed faired & refitted, 8 frames in way removed faired & refitted and bracketed to deck as required, 1 web frame & plate released & faired Main & lower deck stringer angles partly renewed & faired, Main deck strong beam faired and Main & lower deck beam knees partly renewed & faired, 5 short frames in 'tween decks renewed, cement chokes made good.

In way of No 5 hatchway on Port side J 4 & H 4 faired in place. (See Cal 3939) Forward buttstrap of after Keel plate renewed.

— Bottom & rudder now in good condition, cleaned & painted —

SUMMARY OF DAMAGE REPAIRS:—

	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	3	5 short						Main & lower deck stringers & angles 'tween knees faired & refaired
Removed and Faired or Repaired	2	8						
Faired or Repaired in place	3	1 web.			1			

PRESENT CONDITION OF THE

Hull	Good	Stringers	Good
Sheathing of Decks	✓	Inner Bottom Plating	✓
Upperworks	✓	State if Tanks have been examined inside	✓
Masts	✓	State if Tanks now tested	✓
Rigging & Fastenings	✓	Bulkheads	Good
Standing Rigging	✓	Ceiling	-
Sails & Covers	✓	Cement or Asphalt (State which.)	-
Boats & Davits	✓	Rudder	Good
Anchors & Chains	✓	Steering gear and its connections	✓
Pumps & Crutches	✓	Windlass	✓
Steering Gear	Good	Have Pumps now been examined and found efficient?	✓
Compasses	✓	Have Sluice Valves now been examined and found efficient?	✓
Lights	✓	Have Watertight Doors now been examined and found efficient?	✓

Dblng. Plates under Sounding Pipes	✓	Copper, or Y.M. of Wood Vessels	✓
Engine Room Skylights	Good	(State if on Felt.) When put on, Month ✓ Year ✓	
Coal Bunkers, Open'gs, Lids, &c.	✓	Boats	Good
Scuppers	✓	Masts, ~~Yards~~, &c.	✓
Cargo Hatchways	✓	Condition, how ascertained	from deck
Hatches	✓	(State if wedges removed)	✓
Planking of Wood Vessels		Sails	✓
Caulking ditto		Equipment letter	Z
Treenails ditto		Anchors, No. of	3 1 1
Breasthooks & Stemson ditto		Cables (State if now ranged)	✓
Transoms, Pointers, & Crutches ditto		„ length (on board) ✓ size ✓	
Timbers of Frame at openings ditto		„ Rule length ✓ size ✓	
Ditto ditto at other places ditto		Hawser & Warps	Good
Stringers, Clamps & Shelfs ditto		Standing & Running Rigging	✓
Salting (State if examined.) ditto			

Special 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 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 ..., 1,15," or "to remain as classed and to have record of survey, 1,15, and the notations of *ss No.* 1–15 and ptND15, &c."

This vessel appears to be in good & efficient condition & worthy to remain as classed with fresh record of survey L.V. 12.19.

Survey Fee (per Section 28) £ : :

Special Damage or Repair Fee (if any) (per Sec. 29) £ 10 : 10 : 0

Travelling Expenses (if chargeable) £ : :

Second Surveyor's Fee (if any) £ : :

Fees applied for, 30 DEC 1919 19

Received by me, 31/12/19 19

30 DEC 1919 LIVERPOOL

W. Gordon Haig.
& A. J. McCowan
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character Assigned 100 A1 Shelter deck with freeboard Recorded 12.19.

Remove from Cal List

Has 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

(The Surveyors are requested not to write on or below the space for Committee's Minute or Character Assigned.)

10m.12.16.—Trade for Ink.

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