

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 4. 4. 1917 When handed in at Local Office 4. 4. 1917 Port of CARDIFF
 No. in Reg. Book. 262 Survey held at Cardiff Date, First Survey 24th Mar Last Survey 30 Mar 1917
on the Wood, Iron or Steel 1/2 "Harmattan" Master Richardson

TONNAGE:-

GROSS 4792UNDER DK. 4465NET 3047Built at NewcastleBy whom Swan Hunter & Graham When 1911Owners T. & G. Harrison LtdPort belonging to London

Owners' Address

(if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? Afloat Name of Dock Roath Destined Voyage AdmiraltyWB=CellDBorDBa feet: uE&B feet: f feet: f
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. 1063 Port Cardiff

(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 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 Survey (including date of N.B., if any).
<u>V100 S.S. 11.16</u>		<u>24C 10.14</u>
<u>SS Ban 101.14</u>		
		<u>BSS 17</u>
		<u>TS 12, 16</u>

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? report made. Was a damage report made by anyone else? If so, by whom? Admiralty officialsREPAIRS, OR EXAMINATION AS PER RULE, FOR Damage to Tank top plating in nos 2 & 3 Holds.

At Montreal, in Sept 1916, this vessel was fitted for carrying horses, for three subsequent voyages there were carried in the nos 2 & 3 holds. In Bridge Space, seven decks & in nos 2 & 3 Lower Holds. To form a platform in these holds about 10ft depth of mixed coal (about 80% small), covered by a wood floor, was placed on the tank top from bulkhead to bulkhead, but kept away from the ship's side by pre-sawn wood bulkheads placed along the knuckles of the margin plates, leaving the bilges accessible.

On removal of these fittings, the coal was found saturated with urine, & the tank top plating where not protected by wood ceiling (this being fitted in way of the square of the hatch only) was found to be badly baked locally.

SUMMARY OF DAMAGE REPAIRS:-

	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:-
Renewed								<u>Temporary repairs.</u>
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Decks <u>Good</u>	Stringers <u>Good</u>	Dblg. Plates under Sounding Pipes <u>Good</u>	Copper, or Y.M. of Wood Vessels. (State if on felt.) When put on, Month Year <u>Good</u>
Caulking of Decks <u>"</u>	Inner Bottom Plating <u>in repair</u>	Engine Room Skylights <u>Good</u>	Boats <u>Good</u>
Waterways <u>"</u>	State if Tanks have been examined inside <u>nos 2 & 3</u>	Coal Bunkers, Openings, Lids, &c. <u>"</u>	Masts, Yards, &c. <u>"</u>
Coamings <u>"</u>	State if Tanks now tested <u>nos 2 & 3</u>	Scuppers <u>"</u>	Condition, how ascertained <u>from deck</u>
Beams & Fastenings <u>"</u>	Bulkheads <u>Good</u>	Cargo Hatchways <u>Good</u>	(State if wedges removed) <u>no</u>
Outside Plating <u>aloe scale</u>	Ceiling <u>"</u>	Hatches <u>"</u>	Sails <u>"</u>
Caulking of ditto <u>"</u>	Cement or Asphalt (State which.) <u>nos 2 & 3</u>	Planking of Wood Vessels <u>"</u>	Equipment letter <u>Y</u>
Rivets <u>"</u>	Rudder <u>"</u>	Caulking ditto <u>"</u>	Anchors, No. of <u>2. 1. 1</u>
Breasthooks & Crutches <u>"</u>	Steering gear and its connections <u>good</u>	Treenails ditto <u>"</u>	Cables (State if now ranged) <u>no</u>
Transoms <u>"</u>	Windlass <u>"</u>	Breasthooks & Stemson ditto <u>"</u>	length (on board) size <u>"</u>
Frames <u>Good</u>	Have Pumps now been examined and found efficient? <u>"</u>	Transoms, Pointers, & Crutches ditto <u>"</u>	Rule length size <u>"</u>
Reverse Frames <u>nos 2 & 3</u>	Have Sluice Valves now been examined and found efficient? <u>"</u>	Timbers of Frame at openings ditto <u>"</u>	Hawser & Warps <u>sufficient</u>
Floors <u>nos 2 & 3</u>	Have Watertight Doors now been examined and found efficient? <u>"</u>	Ditto ditto at other places ditto <u>"</u>	Standing & Running Rigging <u>good</u>
Keelsons <u>"</u>		Stringers, Clamps & Shells ditto <u>"</u>	
		Salting (State if examined.) ditto <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, 1,15," 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 is in my opinion eligible to remain as classed without fresh record of survey subject to permanent repairs being carried out at the Owners convenience

Survey Fee (per Section 28) £

Special Damage or Repair Fee (if any) £

Travelling Expenses (if chargeable) £

Second Surveyor's Fee (if any) £

Fees applied for.

11 Apr 1917

Received by me,

13.4.1917

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 20 APR. 1917

Character Assigned

As now

Subject



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Lloyd's Register Foundation

W891-0034/2

S/S "Harmattan"

in both holds & holed in No. 2 Hold.

The whole of the tank top ceiling, margins & timber boards in these holds has been lifted, the tank tops scraped & bilges scaled; & No. 2 Hold tank cleaned out. After examination no further damage was observable as regards bilges, No. 2 hold tank, bulkheads, funnel plating, or other parts of the vessel where horses had been carried.

As temporary repairs, the vessel being urgently required for military purposes, 17 riveted doubling plates have been fitted to tank top plating in No. 2 hold & 4 in No. 3 Hold.

The tank top ceiling has been renewed, & the margin & timber boards replaced with part new. Tank top plating in way of ceiling, & bilges recoated. No. 2 & 3 Hold tanks sealed on completion of repairs. No. 2 & 3 Holds cleaned & recoated (lower portions only).

The Owners propose to renew the damaged plating at the first convenient opportunity. for particulars see damage report attached.

Nothing has been done to the items referred to in the Special Reasons List-

A. B. Harris.