

REPORT of SURVEY for REPAIRS, &c.

Writing Report 31/1/42 When handed in at Local Office 2/2/42 Port of Manchester
 Survey held at Manchester Date, First Survey 20/1/42 Last Survey 27/1/1942
 (No. of Visits 4)

on the ~~Wood, Iron or Steel~~ M.V. Empire Spring YEAR MONTH
 BUILT at Port Glasgow By whom Lithgows Ltd. When 1941 6

Owners Ministry of War Transport Owners' Address
 Managers Donaldson Bros & Black Ltd. Port belonging to Greenock
 (if not already recorded in Appendix to Register Book)

DK 6487 4147
 Name of Dock Wharf, Manchester Destined Voyage

Cell DBA feet; uE&B feet; f feet
 capacity tons. FPT tons; APT tons; MT feet tons.

All alterations in the existing records should be underlined.
 the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, and of the inner bottom plating, especially in the boiler space.

Report, No. 117130. Port Liv.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER. (if for Special Survey, Date of last Survey and of Periodical Surveys.)	Year Added or New Survey	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100 A1 with freeboard.</u>		<u>+LMC</u>
<u>12 & 41.</u>		<u>6, 41.</u>
		<u>CL.</u>

General Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent repairs. Repairs of Damage (the cause of which must be stated) should be separated from repairs due to other causes; besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the condition of Anchors or Chains is reported the particulars should be clearly stated in the space provided on back of this form. State also the dates and initials of any letters respecting this case.

Where cases where the Surveyor has not made a special damage report he is required to state whether he has rendered his services for this purpose and to whom and why they were declined.

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

Was a damage report made by anyone else? If so, by whom?

EXAMINATION AS PER RULE, FOR Interim Certificate & M.O.S. licence
 done Vessel examined afloat. Voyage repair lists checked & approved for M.O.S. licence. Leakage reported in way of donkey boiler room bulkhead in engine room (S.S.). Saw examiner a number of leaky rivets found in boundary angle of bulkhead & seam of shell riveting in way. The vessel being urgently required it was requested that temporary repairs might be effected. Efficient cement boxes have been fitted in way of the rivets, & it is recommended that these be removed & the riveting in way dealt with at the next drydocking. Leakage was also reported in way of the engine room skylight. Saw examiner a defective rivets found in the casing boundary angle. Defective rivets cut off & renewed. Leakage reported in way of the starboard side lower accommodation.

OF DAMAGE REPAIRS:-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:-
Red								P.T.O.
Red and Faired or Repaired								
Red or Repaired in place								

CONDITION OF THE	State if Tanks have been examined inside	Air and Sounding Pipes	Copper, or Y.M. of Wood Vessels (State if on Feet). When put on, Month Year
Decks	State if Tanks now tested	Dblng. Plates under Sounding Pipes	Boats
Openings	Bulkheads	Engine Room Skylights	Masts, Yards, &c.
Plating	Ceiling	Coal Bunkers, Open'gs, Lids, &c.	Condition, how ascertained (State if wedges removed)
Plating in way of sidelights	Cement or Asphalt (State which.)	Oil Bunkers	Sails
	Rudder	Scuppers	Equipment letter
	Steering gear and its connections	Cargo Hatchways	Anchors, No. of
	Windlass	Hatches	Chain Locker
	Have pumps now been examined and found efficient?	Planking of Wood Vessels	Cables (State if now ranged)
	Have Slipways now been examined and found efficient?	Caulking ditto	" length mean diam. (on board)
	Have Watertight Doors now been examined and found efficient?	Treenails ditto	" Rule length size
	Have Ventilators and their Coamings been examined and found efficient?	Breasthooks & Stems ditto	Hawser & Warps
		Transoms Pointers, & Crutches ditto	Standing and Running Rigging
		Timbers of Frame at openings ditto	
		Ditto at other places ditto	
		Stringers, Clamps & Sheifs ditto	
		Salting (State if examined.) ditto	

General Observations, Opinion as to Class, Recommendation, &c.:-

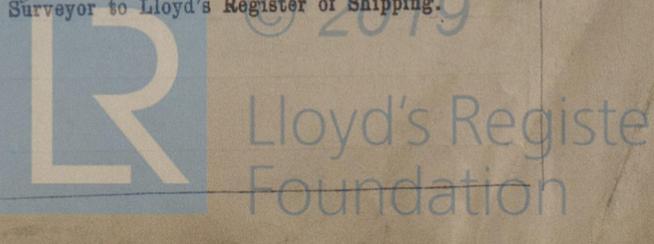
State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example: "to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and ptND24, &c."

The vessel, so far as was seen, is in efficient condition & eligible in my opinion to remain as now classed in the Register Book without fresh record of Survey subject to the new boxes (S.S.) in engine room being removed at the next drydocking & the shell riveting caulking in way being specially examined & dealt with. The vessel's class is also subject as per Sub. Cert.

Fee (per Section 20) £ 5 : 5 : 0
 Damage or Repair Fee (if any) £
 Licence case. £
 Printing Expenses (if chargeable) £
 Surveyor's Fee (if any) £

Fees applied for, 31/1/1942 HSN
 Received by me, Harry S. Newton
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute
 Character Assigned As now Subject



Is Certificate required? If so, to be sent to W33-0032

