

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
 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
 Log-book & Tonnage

Used Afloat or in Dry Dock? Afloat Name of Dock Wharf, Manchester Destined Voyage

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

B. 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.

Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent repairs. Repairs count 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 cement 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 made his services for this purpose and to whom and why they were declined

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

| CHARACTER. X for Special Survey. Date of last Survey and of Periodical Surveys. | Year Added new expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|--|----------------------------------|--|
| + 100 A1 with freeboard. 12 & 41. | | + LMC 6, 41. CL. |

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 & defective rivets found in the casing framing angle. Defective rivets cut off & renewed. Leakage reported in way of the starboard side hull accommodation.

OF DAMAGE REPAIRS:— Shell Plates. Frames. R. Frames. Floors and Bracket Floors. Beams. Inner Bottom Plates. Dk. Plates. Other Items:— P.T.O.

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|----------------------------|--|--|--|--|--|--|--|--|
| ved | | | | | | | | |
| ved and Paired or Repaired | | | | | | | | |
| or Repaired in place | | | | | | | | |

CONDITION OF THE

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

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."

o 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

Fee (per Section 20) £ 5 : 5 : 0

Fees applied for,

Special reasons list.

Damage or Repair Fee (if any) £

Received by me,

ing Expenses (if chargeable) £

19

Surveyor's Fee (if any) £

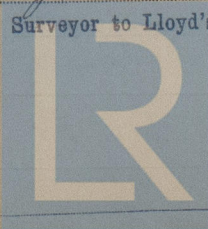
Surveyor to Lloyd's Register of Shipping.

Submitter's Minute

FRI. 12 FEB 1942

Character Assigned

As now Subject



Lloyd's Register Foundation

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