

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 19/11/41 When handed in at Local Office 20/11/41 Port of Manchester
 No. in Reg. Book 23152 Survey held at Manchester Date, First Survey Oct 20th Last Survey Nov. 13th 1941
 on the Wood, Iron or Steel S.S. Empire Buffalo (No. of Visits 5)

TONNAGE: Built at Seattle, Wash. By whom Skinner & Eddy Corp. When 1919
 GROSS 6404 Owners Ministry of War Transport. Owners' Address
 UNDER DK. 5958 Managers Lytle Shipping Co. Ltd. (if not already recorded in Appendix to Register Book).
 NET 4618 Port belonging to London.

Surveyed Afloat or in Dry Dock? Both Name of Dock N.10.0. Manchester Destined Voyage
WB=Cell D Bord Ba feet; uE&B feet; f feet } Particulars of Classification (which must be inserted
 total capacity tons. FPT tons; APT tons; MT feet tons. } precisely as in Register Book & Supplements)

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. 1091. Port JCK.

| CHARACTER. | Year Assigned | Year Expired | Machinery and Boiler Surveys (including date of N.B., if any). |
|-----------------------------|---------------|--------------|--|
| 100 A1 | | | |
| Classification contemplated | | | BS 10/40 |
| Examined 10/40 | | | CL 6/40 |
| 12/40 | | | |
| Fitted for oil fuel | | | |

(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 summarized 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.

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
 Society's Freeboard (if assigned) as painted on Ship and now verified ✓ ft. ✓ ins.
Not required Was a damage report made by anyone else? If so, by whom? ✓

REPAIRS, OR EXAMINATION AS PER RULE, FOR Conclusion, damage & M.O.S licence.
Now done. Vessel placed in drydock. Bottom & rudder cleaned, examined & recoated. Rudder lifted & all gudgeons rebushed.
 Weather decks, hatches, coamings, ventilators, casings, windlass & steering gear generally examined & found in a satisfactory condition.
 Minor repairs effected to bottom riveting & caulking. About 80 large keel rivets renewed. No 2 plate (P) in 5th stoke below upper deck sheer stoke found fractured. T-welded & an efficient electrically welded doubling plate fitted in way.
 About 100% rivets welded & 250 caulked in way of deep tank (P & S), & about 390 rivets caulked in deep tank bulkhead in engine room.
 Built angle stiffener No 2 hatch side coaming (S) - cut off & renewed.

| SUMMARY OF DAMAGE REPAIRS:— | Shell Plates. | Frames. | E. Frames. | Floors and Bracket Floors | Beams. | Inner Bottom Plates. | Dk. Plates. | Other Items:— |
|-------------------------------|---------------|---------|------------|---------------------------|--------|----------------------|-------------|---------------|
| Renewed | | | | | | | | |
| Removed and Faird or Repaired | | | | | | | | |
| Faird or Repaired in place | | | | | | | | |

| PRESENT CONDITION OF THE | State if Tanks have been examined inside | Air and Sounding Pipes | Copper, or Y.M. of Wood Vessels (State if on Felt). |
|--------------------------------------|--|---|---|
| Decks <u>Satisfactory</u> | <u>No</u> | <u>Satisfactory</u> | <u>✓</u> |
| Caulking of Decks <u>✓</u> | <u>No</u> | Dblng. Plates under Sounding Pipes <u>None</u> | When put on, Month <u>✓</u> Year <u>✓</u> |
| Coamings <u>"</u> | <u>Satisfactory</u> | Engine Room Skylights <u>Satisfactory</u> | Boats <u>Satisfactory</u> |
| Beams & Fastenings <u>"</u> | <u>None</u> | Coal Bunkers, Open'gs, Lids, &c. <u>None</u> | Masts, Yards, &c. <u>"</u> |
| Outside Plating <u>"</u> | <u>Satisfactory</u> | Oil Bunkers <u>None</u> | Condition, how ascertained <u>From deck</u> |
| " " in way of sidelights <u>None</u> | <u>None</u> | Scuppers <u>Satisfactory</u> | (State if wedges removed) <u>✓</u> |
| Breasthooks <u>"</u> | <u>Satisfactory</u> | Rudder <u>"</u> | Sails <u>✓</u> |
| Transoms <u>"</u> | <u>None</u> | Steering gear and its connections <u>"</u> | Equipment letter <u>✓</u> |
| Frames <u>Satisfactory</u> | <u>None</u> | Windlass <u>"</u> | Anchors, No. of <u>3B-15</u> |
| Reverse Frames <u>None</u> | <u>None</u> | Have pumps now been examined and found efficient? <u>No</u> | Chain Locker <u>None</u> |
| Longitudinals <u>Satisfactory</u> | <u>None</u> | Have Sluice Valves now been examined and found efficient? <u>No</u> | Cables (State if now ranged) <u>No</u> |
| Transverses <u>"</u> | <u>None</u> | Have Watertight Doors now been examined and found efficient? <u>No</u> | " length (on board) mean diam. size |
| Floors <u>None</u> | <u>None</u> | Have Ventilators and their Coamings been examined and found efficient? <u>Yes</u> | " Rule length size |
| Keelsons <u>"</u> | <u>None</u> | | Hawser & Warps <u>Efficient</u> |
| Stringers <u>Satisfactory</u> | <u>None</u> | | Standing and Running Rigging <u>Efficient</u> |
| Inner Bottom Plating <u>"</u> | <u>None</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, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and ptnd24, &c."

This 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 permanent repairs being effected to No 2, 3 forecath sheer stoke plates & No 2 forecath deck stringer plate (P) at owners convenience, & to hatch side coaming stiffener being specially examined at next general examination.

Survey Fee (per section 29) £ : : Fees applied for, H.S.N.
 Special Damage or Repair Fee (if any) £ 5 : 5 : 0 20/11/41
 Travelling Expenses (if chargeable) £ : : Received by me, Harry S. Newton
 Licence case £ : :
 Second Surveyor's Fee (if any) £ : :
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 2 JAN 1942
 Character Assigned 11.41 Mch
11.41 Subject
 2

13 DEC 1941

10m, 7.50.—Transfer Ink. (The Surveyors are requested to write on or below the space for Committee's Minute.)

Is Certificate required? If so, to be sent to



