

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 22nd June 1944 When handed in at Local Office 23 JUN 1944 Port of LIVERPOOL

No. in Survey held at Liverpool Date, First Survey 25th May Last Survey 22nd June 1944

23289 on the ~~Steel~~ "EMPIRE BITTERN" (No. of Visits 5)

TONNAGE: GROSS 8546 BELFAST By whom Harlands Wolff & Co. When 1902 MONTH "

UNDER DK 7960 Owners Ministry of War Transport Owners' Address (If not already recorded in Appendix to Register Book)

NET 5278 Managers Royal Mail Lines, Ltd. Port belonging to London

Surveyed Afloat or in Dry Dock? Both Name of Dock Brocklebank Langton Drydock Destined Voyage

Cell/D/Bor/D/Bo feet; uE & B. feet; f. feet } Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

total capacity tons. FPT tons; APT tons; MT feet tons. } CHARACTER: * for Special Survey, Date of last Survey and of Periodical Surveys. Machinery and Boiler Surveys (Including date of N.B., if any).

Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.

Last Report, No. 111837 Port Lon

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules and items remaining to complete the Surveys should be summarised. 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.

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. 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?

REPAIRS, OR EXAMINATION AS PER RULE, FOR CONDITION. REPAIRS (LICENCE D 2752A) + S.R. LIST

Vessel placed in drydock, shell plating & rusts cleaned, examined & recoated, Examined decks, casings, vents, hatchways & closing appliances, steering gear & windlass and same found in good order. Anchors and cables ranged and examined (11 lengths Patall Stabs) Chain locker examined internally & same found in satisfactory condition.

REPAIRS (LICENCE D 2752A)

A number of buttlaps P&S in 2 outer strakes immediately above bilge found somewhat wasted at edges & few rivets in laps scrubbed. Edges of buttlaps chipped & recaulked and in some cases built up electrically & rivets in way caulked. Licence checked & work verified onboard vessel.

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

PRESENT CONDITION OF THE	Bulkheads	Engine Room Skylights	Copper, or Y.M.
Decks <i>Efficient</i>	<i>Part exam. Satisfy</i>	<i>Good</i>	(State if on East.)
Caulking of Decks <i>-do-</i>	<i>(in chain lks) Good</i>	<i>-do-</i>	When fitted, Month Year
Coamings <i>-do-</i>	Cement or Asphalt <i>✓</i>	Oil Bunkers <i>✓</i>	Boats <i>Good</i>
Beams & Fastenings <i>Part exam. Satisfy</i>	Rudder <i>Good</i>	Scuppers <i>✓</i>	Masts, Yards, &c. <i>Efficient</i>
Outside Plating <i>Good</i>	Steering gear and its connections <i>-do-</i>	Cargo Hatchways <i>Good</i>	Condition, how ascertained <i>from dk</i>
" " in way of sidelights <i>✓</i>	Windlass <i>-do-</i>	Hatches <i>-do-</i>	(State if wedges removed.)
Frames <i>✓</i>	Have pumps been examined and found efficient? <i>✓</i>	Planking <i>✓</i>	Equipment letter <i>gt</i>
Reverse Frames <i>✓</i>	Have Sluice Valves been examined and found efficient? <i>✓</i>	Caulking <i>✓</i>	Anchors, No. of <i>3-1-1</i>
Longitudinals <i>✓</i>	Have Watertight Doors been examined and found efficient? <i>✓</i>	Treenails <i>✓</i>	Cables (State if now ranged) <i>Yes</i>
Transverses <i>✓</i>	Have Ventilators and their Coamings been examined and found efficient? <i>Yes</i>	Breasthooks & Stimson <i>✓</i>	" length <i>330</i> mean diam. <i>2 9/16</i>
Floors <i>✓</i>	Air and Sounding Pipes <i>above dk Good</i>	Transoms, Pointers & Crutches <i>✓</i>	" Rule length <i>330</i> size <i>2 9/16</i>
Keelsons <i>✓</i>	Doubling Plates under Sounding Pipes <i>✓</i>	Timbers of Frame at openings <i>✓</i>	Chain Locker <i>Satisfactory</i>
Stringers <i>✓</i>		" " at other places <i>✓</i>	Hawsers & Warps <i>Sufficient</i>
Inner Bottom Plating <i>✓</i>		Stringers, Clamps & Shelves <i>✓</i>	Standing and Running Rigging <i>Efficient</i>
Have the Tanks been examined internally? <i>no</i>		Spitting (State if examined.) <i>✓</i>	Sails <i>✓</i>
Have the Tanks been tested? <i>no</i>			

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 classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1-38."

This vessel so far as now seen is in an efficient condition and in my opinion is eligible to remain as classed with fresh record of survey but subject to items as previously noted (deleting boss of quadrant etc EW 10.41)

Survey Fee (per Sect. on 29)	Special Damage or Repair Fee (if any) (per Sec. 29)	Travelling Expenses (if chargeable)	Second Surveyor's Fee (if any)	Fees applied for,	Received by me,
£	£	£	£	19	19

Thos. J. Roberts
Surveyor to Lloyd's Register of Shipping.

LICENCE D 2752A
Committee's Minute
Character Assigned 6.44 LIV, Subject. B.S. 3.44. T.S. 6.44.



If so, is the Report sent now, or when will it be sent?

10m 9/43.—Transfer Ink. (MADE AND PRINTED IN ENGLAND.) (The Surveyors are required not to write on or below the space for Committee's Minute.)

Is Certificate required? If so, to be sent to

1100596X

