

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 13/12/41

When handed in at Local Office 16 DEC 1941

Port of

LIVERPOOL

No. in
Reg. Book.

Survey held at

Liverpool

Date, First Survey

3/12/41

Last Survey

8/12/41

(No. of Visits)

3

23289 on the Wood, Iron or Steel

EMPIRE SPRING

TONNAGE:-

GROSS 6946

UNDER DE 6487

NET 4147

Built at

Port Glasgow

By whom

Lithgarn & Co.

When 1941

6

Owners

Ministry of War Transport

Owners' Address

(if not already recorded in Appendix to Register Book)

Managers

J. M. & Co. Ltd

Port belonging to

Greenock

Surveyed Afloat or in Dry Dock?

Dry

Name of Dock

Airculaneum

Destined Voyage

Cell D B or D B a

feet; u E & B

feet; f

feet

total capacity

tons. F.P.T.

tons; A.P.T.

tons; M.T.

feet

tons.

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.Machinery and Boiler
Survey.
(Including date of N.B., if any).+100 A1
with freeboard
6 41.+L.M.C. 6.41.
T.S. C.L.

Oil engine

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

Last Report, No. 116570. Port Liv.

(Periodical Surveys, when held, must be reported in detail and serially 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 class.

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

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Condition and Damage cause not known.

Vessel placed in dry dock, shell plating and madders cleaned, examined and re-coated. Examined decks, casings coamings etc and found same in order.

New done:- Several rivets in vicinity of stern tube boring caulked, and several rivets in shell fwd. welded. Total of 29 slack rivets in 2 frames in way engine room (P.S.) renewed. Evidence of corrosion was found on several plates (P.S.), same were thoroughly cleaned, effected parts were brushed and thickly coated with anti-corrosive composition.

Damage:- The following shell plates (S.S.) were found to be indented:-
hinge stake and 1st, 2nd and 3rd stakes above in way of boiler screen bulkhead.

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

Decks	Good	Bulkheads	See kept	Engine Room Skylights	Good	Copper, or Y.M.	(State if on Patt.)
Caulking of Decks	✓	Ceiling	✓	Coal Bunkers, Openings, Covers, &c.	✓	When fitted, Month	Year
Coamings	✓	Cement or Asphalt	✓	Oil Bunkers	✓	Boats	Good
Beams & Fastenings	✓	Rudder	Good	Scuppers	✓	Masts, Yards, &c.	Good
Outside Plating	Efficient	Steering gear and its connections	✓	Cargo Hatchways	Good	Condition, how ascertained	Good
" " in way of sidalights	✓	Windlass	✓	Hatches	✓	(State if wedges removed.)	pm deck
Frames	Partly Good	Have pumps been examined and found efficient?	✓	Planking	✓	Equipment letter	2-1
Reverse Frames	✓	Have Sluice Valves been examined and found efficient?	✓	Caulking	✓	Anchors, No. of	2-1
Longitudinals	✓	Have Watertight Doors been examined and found efficient?	✓	Treenails	✓	Cables (State if now ranged)	no
Transverses	✓	Have Ventilators and their Coamings been examined and found efficient?	✓	Breasthooks & Stemson	✓	" length (oil board)	225
Floors	✓	Have the Tanks been examined internally?	✓	Transoms, Pointers & Crutches	✓	" Rule length	225
Keelsons	✓	Air and Sounding Pipes	✓	Timbers of Frame at openings	✓	Chain Locker	✓
Stringers	✓	Doubling Plates under Sounding Pipes	✓	" " at other places	✓	Hawsers & Warps	Sufficient
Inner Bottom Plating	✓			Stringers, Clamps & Shelves	✓	Standing and Running Rigging	Good
Have the Tanks been tested?	✓			Salting	✓	Sails	✓
				(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 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 efficient condition and eligible, in my opinion to remain as now classed with fresh record of survey 12.41 subject to the indented shell plates etc. (S.S. amids) being permanently repaired at 1st convenient opportunity. Also to (as previously recommended) Indented Plate (S.S.) ahead of 1st hatch and plating etc (P.S.f.). Cargo pattern to fit 1st opportunity.

Survey Fee (per Section 20)	£ 5 : 5 : 0	Fees applied for, 24 DEC 1941
Special Damage Fee (if any)	£	Received by me, 19
Travelling Expenses (if chargeable)	£	
Second Surveyor's Fee (if any)	£	

LICENCE CASE

Committee's Minute

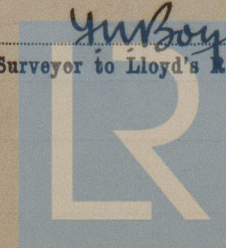
Character Assigned

LIVERPOOL

30 DEC 1941

100A1 Subject
With freeboard.

Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

Rpt. 9
REPO
Date of re
No. in
Reg. Book.
232 f

5460
7840
5414

3 Damage Report and an Interim Certificate was issued at this time and copies of same are returned.

were examined and found to remain efficient.

It was noted that hatch covers had been supplied at 2nd deck, this item may therefore be now deleted from the records.

If Stockless, state Mechanical Test.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

[illegible][illegible]

Iron Stream Chain
or Steel Wire....