

## REPORT OF SURVEY FOR REPAIRS, &amp;c.

Date of writing Report 1/3/1944 When handed in at Local Office 2-3-44 Port of LagosNo. in Survey held at Lagos Date, First Survey 4th July, 1943 Last Survey 29th Feb., 1944  
Reg. Book. 23758 on the Wood Iron or Steel Steamer "Empire Liddell" (ex "Emugu") (No. of Visits.....)TONNAGE: 1425 Built at Middlesbrough By whom H. Harkess & Son Ltd When 1920  
GROSS 1425 Owners Ministry of War Transport Owners' Address London  
UNDER DK 1060 (If not already recorded in Appendix to Register Book).  
NET 784 Managers Elder Dempster Lines, Ltd., Port belonging to LagosSurveyed Afloat or in Dry Dock? Both Name of Dock Nigerian Marine No. 1 Destined Voyage Coasting West AfricaTall D Bor DBa \_\_\_\_\_ feet; uE & B \_\_\_\_\_ feet; f \_\_\_\_\_ feet  
al capacity \_\_\_\_\_ tons. FPT \_\_\_\_\_ tons; APT \_\_\_\_\_ tons; MT \_\_\_\_\_ tons.

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

N.B.—All alterations in the existing records should be underlined.ast Report, No. First Port report

Radical 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 case.

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.

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

CHARACTER.  
\* for Special Survey.  
Date of last Survey and of  
Periodical Surveys.Machinery and Boiler  
Surveys  
(Including date of N.B., if any).

Class Contemplated

NOT

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

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

PAIRS, OR EXAMINATION AS PER RULE, FOR See. Reports 10 dated 7th July and 15th November, 1943  
11 recommendations mentioned in the above Reports have been satisfactorily carried out:—

ditional recommendations:

See Final Report

State whether Cargo Battens fitted or not. = Not fitted.

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

SENT CONDITION OF THE

s Fair  
ding of Decks Good  
ings Fairly good  
s & Fastenings Good  
de Plating Fair and good  
in way of sidelights Good  
es Good  
se Frames Good  
tudinals Good  
verses Reconditioned  
ns Newly fitted  
rs Fairly Good  
Bottom Plating Fairly Good  
he Tanks been examined internally? Yes  
he Tanks been tested? Yes

Bulkheads Good  
Ceiling Newly fitted  
Cement or Asphalt  
Rudder Good  
Steering gear and its connections Good  
Windlass New cylinders ordered  
Have pumps been examined and found efficient? Yes  
Have Sluice Valves been examined and found efficient? Yes  
Have Watertight Doors been examined and found efficient? Yes  
Have Ventilators and their Coamings been examined and found efficient? Yes  
Air and Sounding Pipes Good  
Doubling Plates under Sounding Pipes Yes

Engine Room Skylights Good  
Coal Bunkers, Openings, Covers, &c. Good  
Oil Bunkers  
Scuppers Good  
Cargo Hatchways Good  
Hatches Newly fitted.  
Planking  
Caulking  
Treenails  
Breasthooks & Stemson  
Transoms, Pointers & Crutches  
Timbers of Frame at openings  
" " at other places  
Stringers, Clamps & Shelves  
Salting  
(State if examined.)

Copper, or Y.M. (State if on Felt.)  
When fitted, Month \_\_\_\_\_ Year \_\_\_\_\_  
Boats Two  
Masts, Yards, &c. Four  
Condition, how ascertained Wedges  
(State if wedges removed.) removed  
Equipment letter  
Anchors, No. of Three  
Cables (State if now ranged) Yes  
" length 240 mean diamr. 1 1/2"  
(on board.)  
" Rule length 240 size 1 1/2"  
Chain Locker Newly built  
Hawsers & Warps Good  
Standing and Running Rigging Good  
Sails

General Observations, Opinion as to Class, Recommendation, &amp;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."

All recommendations have been satisfactorily carried out to my satisfaction and I consider the

Vessel to be in a Seaworthy condition and suitable for trading for one year from date when a similar examination should be carried out.

Survey Fee (per Section 29) £ : : Fees applied for, \_\_\_\_\_  
Special Damage or Repair Fee (if any) £ 30 : 0 : 0 \_\_\_\_\_  
(per Sec. 29)  
Travelling Expenses (if chargeable) £ : : \_\_\_\_\_  
Second Surveyor's Fee (if any) £ : : \_\_\_\_\_

Received by me, \_\_\_\_\_

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 14 APR 1944

Character Assigned

Record

100A1 Classification Contemplated

2.44 Lagos subject

Examined 2.44

MS. 2.44 BS 2.44



on the

Tender Debit Note for your services to M.W.T. Lagos.

**Recommendations:**

Fore Peak Sluice Valve to be overhauled and made workable.

No.2 Hold Starbd 4 Deep floors to be part re-rivettted, 6 skeleton floors to be part re-rivettted at top and bottom bars continuity of Intercostals where broken to be made good, additional stiffeners to be fitted to skeleton Floors.

2" of Cement to be laid down in Nos. 1, 2 and 3 D.B. Tanks.

2 heavy Steel Ladders to be fitted in No.1 Hold fore and Aft bracketed to Coaming. Deck plating and centre line of D.B. plating.

1 heavy Steel Ladder to be fitted to No.2 Hold aft. bracketed to Coaming,  
deck plating and centre line of D.B. Tank plating.

Bilge and Limber Boards to be renewed in Nos.1 and 2 Holds port and Starbd  
and Cement Chocks to be fitted.

Six lengths of tank suction Pipes to be renewed and 3 bends to be repaired.

Bilge dipper Pipes and Strum Boxes in No.1 and 2 Holds to be renewed.

All defective Hatch Covers and Cleats to be renewed.

Hatch Beams No.1 Hold 4 Beams to be renewed and 2 Beams to be fitted with new flanges.

Hatch Beams No.2 Hold 3 Beams to be renewed and 5 Beams to be fitted with new flanges.

Doubler plate to be fitted to Shell Plate B.1 Starbd.

Doubler plate to be fitted to Shell Plate B.2 Port

Doubler plate to be fitted to Shell Plate D.11 Starbd.

Test holes to be drilled in Shell plates at D.E & F Strakes Port & Starbd.

All above recommendations have been carried through to my satisfaction.

All recommendations in Report dated 15th November, 1943 have been carried through to my satisfaction.

Shell plate thickness as determined by test drilling:-

D Strake Port and Starbd average 5/16<sup>th</sup>

F & F Strakes Port and Starbd average 7/16" full

Cargo battens have not been fitted; Ceiling has been laid down on Tank Tops

All D.B. Tanks, Fore and After Peaks have been scaled and cement coated.

Bottom of Ship is set up 3" through previous grounding, between frames 38 and 82, the set up is a gradual sweep more pronounced to the Port Side. the maximum set up of 3" being between frames 52 - 58.

SURVEYOR APPOINTED TO LLOYD'S OF SHIPPING

Lloyd's Register  
Foundation

**J.B.**—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN

When Anchors or Cables are supplied, the particulars are to be reported in the following form :


ANCHORS.

[illegible]

\* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

## CHAIN CABLES.

[illegible]


 NRC REMPRESS 599/18/43