

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 5/7/34 When handed in at Local Office 5/7/34 Port of LIVERPOOL
 No. in Survey held at Liverpool Date, First Survey 18/6/34 Last Survey 2/7/1934
 Reg. Book. 22861 on the Wood, Iron or Steel Ac. "CALUMET" (No. of Visits 10)

73286 TONNAGE: Built at Glydebank By whom J. Brown & Co. Ltd. When 1923 YEAR. MONTH. 3
 GROSS 7268 Owners Elder Dempster Lines Ltd. Owners' Address (if not already recorded in Appendix to Register Book)
 UNDER DK. 6629 Managers (if not already recorded in Appendix to Register Book) Port belonging to Liverpool
 NET 4462 Surveyed Afloat or in Dry Dock? Both Name of Dock Queens Rd. Destined Voyage (if not already recorded in Appendix to Register Book)

WB=CeWDBorDBa feet; uE&B feet; f feet }
 total capacity tons. FPT tons; APT tons; MT feet tons. }

Particulars of Classification (which must be inserted 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.

CHARACTER, &c. for Special Survey, Date of last Survey and of Periodical Surveys.	Year assigned and new assigned.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100A1 1.34.</u>		<u>LAC 8.30</u>
<u>SI Mtl 2-31.</u>		<u>BS 6.33</u>
		<u>TC 2.33.</u>

Last Report, No. 50418 Port Gf.

(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 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 (if not already recorded in Appendix to Register Book) ft. ins.

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage, Docking, and Alterations.

Vessel stated to have sustained damage (?) at Yakoadi on July 3rd 1933 through berges at Greenwich on 23rd-31st Dec. 1933 and at Cardiff June 14th 1934.

How done Damage 1. On port side T. 5, 6, 7, 11 and 13 and K 4, 13 & 14 faired in place as necessary where slightly indented.

Port bilge keel part removed, faired and refitted.

Damage 2 On port side T 5, 6, 7, 11 and 13 plates faired in place where slightly indented.

Damage 3 On starboard side T 4 faired in place.

Vessel placed in drydock, bottom and rudder cleared, examined

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	✓							<u>Bilge Keel. (see rpt)</u>
Removed and Faired or Repaired	✓							
Faired or Repaired in place	<u>14</u>							

PRESENT CONDITION OF THE	State if Tanks have been examined inside	Air and Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks <u>good</u>	<u>no</u>	✓	(See to if on Feet)
Caulking of Decks <u>"</u>	State if Tanks now tested <u>no</u>	Dblng. Plates under Sounding Pipes <u>✓</u>	When put on, Month <u>Year</u>
Coamings <u>"</u>	Bulkheads <u>good</u>	Engine Room Skylights <u>good</u>	Boats <u>✓</u>
Beams & Fastenings <u>"</u>	Ceiling <u>✓</u>	Coal Bunkers, Open'gs, Lids, &c. <u>✓</u>	Masts, Yards, &c. <u>good</u>
Outside Plating <u>✓</u>	Cement or Asphalt (State which.) <u>✓</u>	Oil Bunkers <u>✓</u>	Condition, how ascertained <u>from deck</u>
" " in way of sidelights <u>✓</u>	Rudder <u>good</u>	Seuppers <u>good</u>	(State if wedges removed) <u>no</u>
Breasthooks <u>✓</u>	Steering gear and its connections <u>"</u>	Cargo Hatchways <u>"</u>	Sails <u>✓</u>
Transoms <u>✓</u>	Windlass <u>"</u>	Hatches <u>"</u>	Equipment letter <u>✓</u>
Frames <u>where exposed good</u>	Have Pumps now been examined and found efficient? <u>no</u>	Planking of Wood Vessels <u>✓</u>	Anchors, No. of <u>3/3/13</u>
Reverse Frames <u>✓</u>	Have Sluice Valves now been examined and found efficient? <u>✓</u>	Caulking <u>✓</u>	Cables (State if now ranged) <u>yes</u>
Longitudinals <u>✓</u>	Have Watertight Doors now been examined and found efficient? <u>no</u>	Treenails <u>ditto</u>	" length <u>300 fms</u> mean diam. <u>2 1/2"</u>
Transverses <u>✓</u>	Have Ventilators and their Coamings been examined and found efficient? <u>yes</u>	Breasthooks & Stemson <u>ditto</u>	" Rule length <u>300 fms</u> size <u>2 1/2"</u>
<u>lined good</u>		Timbers of Frame at openings <u>ditto</u>	Hawser & Warps <u>sufficient</u>
		Ditto Ditto at other places <u>ditto</u>	Standing and Running Rigging <u>good.</u>
		Stringers, Clamps & Shelves <u>ditto</u>	
		Salting (State if examined.) <u>ditto</u>	

Observations, Opinion as to Class, Recommendation, &c.:

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 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," "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 seen, is in an efficient condition and eligible in my opinion to remain as classed with fresh record of survey

7.34.

Survey Fee (per Section 20)	Special Damage Repair Fee (if any)	Travelling Expenses (if chargeable)	Second Surveyor's Fee (if any)	Fees applied for	Received by me
£ <u>10</u>	£ <u>8</u>	£ <u>0</u>	£ <u>0</u>	<u>-6 JULY 1934</u>	<u>25.7 34</u>

Committee's Minute
 Character Assigned 100A1-7.34.
Note No. 3. P.S. 7.34
 Surveyor to Lloyd's Register of Shipping. A. J. Jackson
 LIVERPOOL -6 JULY 1934
 FRI. 4 JAN 1935 TUE. 31 MAR 1936
 FRI. 5 JUL 1935 TUE. 7 JUL 1936
 TUE. 29 OCT 1935 FRI. 23 OCT 1936
 FRI. 20 DEC 1935 TUE. 30 JUN 1936

Has a survey also been held on the Machinery of the Ship? If so, is the Report sent now, or when will it be sent?

Is Certificate required? If so, to be sent to

003712-003719-0138 1/2

Steel etc. "CALUMET"

Bottom and sides scabed and recoated.
 Cables roged, anchors and cables examined.
Alterations Rudder unshipped and removed to shop and altered to the Bertz Patent form as per approved plan herewith. Tested under water pressure and found reasonably tight. Fin plates fitted to rudder post and core formation welded to fin plates as per plan. Rudder tried over to port and starboard for clearances and rudder stops fitted to deck.

No 3 lower hold insulated and refrigerated spaces in No 3 lower tween deck altered as necessary to work in conjunction with lower hold. ^{In upper tween deck openings} fitted for these fans and motors. Steelwork in No 3 lower hold i.e. tank top, bilges, shell plating, framing, bulkheads and deck head scabed and coated with bitumastic.

The Owners are desirous that the examination of the steelwork in No 3 lower hold be accepted as part of the H. No 3 due 3.35.

Decks, hatch coamings, casings and ventilators examined and found in order.

To complete the survey. All requirements except as above

A.W. Jackson

N.B.—If this Report is copied by Copying Press, special 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.

Number of Certificate.	Anchors.*	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st Bower															
	2nd "															
	3rd "															
	Collective Weight.															
	Stream															
	Kedge															

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

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Rule.		Description.	Makers of Cable.	When and where tested and Superintendent.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.		Per Rule.		Length.	Diam.				
					Fathoms.	Inch.	Tons.	Tons.						Cwts.

Iron Stream Chain or Steel Wire...

45.7.1A.991
45.7.1A