

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 4th April 1917 When handed in at Local Office 10 APR 1917 Port of NEWCASTLE-ON-TYNE

No. in Reg. Book. Survey held at North Shields Date, First Survey 7th Mar Last Survey 3rd Apr 1917

59 Suppl on the Wood, Iron or Steel Sc. K. "Lithium" Master ✓

TONNAGE:— Built at Selby By whom Cochrane & Sons Ltd When ✓ YEAR. MONTH.

GROSS 340 Owners United Alkali Co. Ltd Port belonging to Liverpool

UNDER DK. ✓ Owners' Address

NET ✓ (if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? Yes Name of Dock Shields Eng. Co Destined Voyage ✓

WB=CellDBorDBa 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. Port

(Periodical Surveys, when held, must be reported in detail and serially 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. M. 21/3/17

CHARACTER.	Year Assigned	Machinery and Boiler Surveys (including date of N.B., if any).
For Special Survey, Date of last Survey and of Periodical Surveys.		
<u>100 A.1.</u>		
<u>Class Contemplated</u>		

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR 1st Entry

How done:— Vessel placed in Dry Dock, bottom crudders, cleaned, examined & coated. Top of Engine & boiler casing riveted up.

Since Dry Docking.

This vessel has been alongside the Quay fitting machinery on board, a few rivets above the turn of bilge in the Boiler Room & Bunkers on Port & Starboard sides were found to be slightly leaking. These have been Caulked & made tight, and are now satisfactory.

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed ...								
Removed and Fair'd or Repaired ...								
Fair'd or Repaired in place ...								

PRESENT CONDITION OF THE	Stringers	Dblg. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels (state if on Belt.)
Decks	Inner Bottom Plating	Engine Room Skylights	When put on, Month Year.
Caulking of Decks	State if Tanks have been examined inside	Coal Bunkers, Open'gs, Lids, &c.	Boats
Waterways	State if Tanks now tested	Scuppers	Masts, Yards, &c.
Coamings	Bulkheads	Cargo Hatchways	Condition, how ascertained
Beams & Fastenings	Ceiling	Hatches	(State if wedges removed)
Outside Plating	Cement or Asphalt (state which)	Planking of Wood Vessels	Sails
Caulking of ditto	Rudder	Caulking ditto	Equipment letter
Rivets	Steering gear and its connections	Treenails ditto	Anchors, No. of
Breasthooks & Crutches	Windlass	Breasthooks & Stemson ditto	Cables (state if now ranged)
Transoms	Have Pumps now been examined and found efficient?	Transoms, Pointers, & Crutches ditto	length size (on board)
Frames	Have Sluice Valves now been examined and found efficient?	Timbers of Frame at openings ditto	Rule length size
Reverse Frames	Have Watertight Doors now been examined and found efficient?	Ditto ditto at other places ditto	Hawser & Warps
Floors		Stringers, Clamps & Shelves ditto	Standing & Running Rigging
Keelsons		Salting ditto (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 now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,15," or "to remain as classed and to have record of survey, 1,15, and the notations of ss No. 1-15 and ptND15, &c."

This vessel is eligible in my opinion to have the class contemplated with fresh record of survey 4, 17.

Survey Fee (per Section 24) ...	£	Fees applied for, 19
Special Damage or Repair Fee (if any) (per Sec. 24) ...	£	Received by me, 19
Travelling Expenses (if chargeable) ...	£	
Second Surveyor's Fee (if any) ...	£	

Arthur Scullard

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character Assigned

FRI. 13 APR. 1917

See Hull for rpt
No 29838