t. 8. 010509-010518-0058 (Received at London Office WED. JUL 25 1923 No. 85543 A.

# REPORT of SURVEY for REPAIRS, &c.

Date of writing Report ..... 19.... When handed in at Local Office 20 JUL 1923 19.... Port of LIVERPOOL

No. in Reg. Book. 18830 Survey held at Birkenhead & Liverpool Date, First Survey 4th July Last Survey 18th July 1923.

on the ~~Wood~~, ~~Iron or~~ Steel S.S. "CHLORIS" ex "EIDER" (No. of Visits 12) 38433 Master ✓

TONNAGE:— Built at Rensburg By whom Werft Reiersling G.m.b.H. When YEAR 1921 MONTH -

GROSS 1195 Owners J & P Hutchison Ld Port belonging to Glasgow

UNDER DK. 993

NET 643 Owners' Address ✓ (if not already recorded in Appendix to Register Book). Clues Clayton & Co.

Surveyed Afloat or in Dry Dock? Both Name of Dock Wallasey. Destined Voyage Hamburg.

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

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 .....

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. | Years Assigned now expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|---|---|---|
| | | |
| | | |
| ✓ | | ✓ |

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. 7/15/6/23 – 6/7/23

Society's Freeboard (if assigned) as painted on Ship and now verified 0 ft. 11 ins.

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? Damage Report issued Was a damage report made by anyone else? If so, by whom? Broker sent for German Owners.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Survey for Classification and Damage stated to have been caused by vessel striking wharf. Also repairs to superstructure existing and caulking frames on bottom shell when vessel dry docked

Vessel placed in Dry Dock, Bottom Russet now in good condition cleaned and coated, cables ranged and found in good order. The Holds, Walls, Inner Walls, Floors, Bunkers, E & B Space, Chain Locker, All double bottom tanks and peak tanks internally, Hatchways, Hatch covers & supports, tarpaulins cleats and battens, Masts & stays, Windlass, Steering Gear, Vents, Hand pumps, Boats and Equipment were examined and found in good order. All DB tanks & peak tanks were tested and found satisfactory

Ceiling was removed and steel work in bay found in good condition

The Keelsons as per Surv's letter were marked, cut in and inspected

P.T.O.

| SUMMARY OF DAMAGE REPAIRS :— | Plates. | Frames. | R. Frames. | Floors. | Beams. | Str. Plates. | Dk. Plates. | Other Items :— |
|---|---|---|---|---|---|---|---|---|
| Renewed | | | | | | | | |
| Removed and Faired or Repaired | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | See Rpt. |
| Faired or Repaired in place | | | | | | | | |

PRESENT CONDITION OF THE

Decks Good.
Caulking of Decks "
Waterways "
Coamings "
Beams & Fastenings "
Outside Plating "
Caulking of ditto "
Rivets "
Breasthooks & Crutches "
Transoms "
Frames "
Reverse Frames "
Floors "
Keelsons "
Stringers "
Inner Bottom Plating "

State if Tanks have been examined inside Yes
State if Tanks now tested Yes.
Bulkheads Good.
Ceiling "
Cement ~~or Asphalt~~ (State which.) "
Rudder "
Steering gear and its connections "
Windlass "
Have Pumps now been examined and found efficient? Yes
Have Sluice Valves now been examined and found efficient? ✓
Have Watertight Doors now been examined and found efficient? ✓
Have Ventilators and their Coamings been examined and found efficient? Yes

Dblng. Plates under Sounding Pipes Good.
Engine Room Skylights "
Coal Bunkers, Open'gs, Lids, &c. "
Scuppers "
Cargo Hatchways "
Hatches "
Planking of Wood Vessels ✓
Caulking ditto ✓
Treenails ditto ✓
Breasthooks & Stemson ditto ✓
Transoms, Pointers, & Crutches ditto ✓
Timbers of Frame at openings ditto ✓
Ditto ditto at other places ditto ✓
Stringers, Clamps & Shelfs ditto ✓
Salting (State if examined.) ditto ✓

Copper, or Y.M. of Wood Vessels ✓ (State if on Felt.)
When put on, Month ✓ Year ✓
Boats Good.
Masts, ~~Yards~~, &c. "
Condition, how ascertained By Exam.
(State if wedges removed) None.
Sails ✓
Equipment letter ✓
Anchors, No. of 5
Cables (State if now ranged) Yes.
" length 226 size 1 9/16. (on board)
" Rule length ✓ size -
Hawser & Warps Good
Standing & Running Rigging "

## 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."

The above is forwarded for the information of the Committee

Freeboard Fee £ 6 : 0 : 0 paid 19/7/23.
Survey Fee (per Section 29) £ : :
Dam Report. 5 5 0
Special Damage or Repair Fee (if any) (per Sec. 30) £ : :
Tab. Attorney Fee. 1 1 0
Travelling Expenses (if chargeable) £ : :
Classification 50 0 0
Second Surveyor's Fee (if any) £ : :

Fees applied for, ..... 19.....
Received by me, 20/8/23 19..... Geo. L. Lyle.

FRI MAR 21 1924
FRI. 12 OCT. 1923

Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 24 JUN 1923 General Committee Thursday 9th August 1923

Character Assigned See I.E. report attached 100A1 subject Subs. 7/23

FRI. 14 MAR. 1924 FRI. 26 SEP 1925

To Certificate required? If so, to be sent to

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For the renewal of deck plating see 1st Entry Report. 2 new lifebouts supplied.

Thin on line shell plates on Port Bow 45.65. slightly set in, the riveting and cau[illegible] in way are unaffected, the set in is of such a minor nature that it need not in opinion be marked against the vessel.

Damage Repairs:- Renewed, 341 rivets in shell to tank margin angle in way of DB Tanks 2.3 [illegible]
2 rivets in bilge shell above margin, 127 " " margin plate to " " " " " " " " " 4 " [illegible]
Bilge cement for 44 spaces. All on Star Side.

Star Side:- 1 margin vertical angle in way of N.4 DB Tank riveted
Tank margin angle uncovered in way of new rivets, 8 margin plate butts in way of [illegible]
Tank and 1 in way of N.5 uncovered. 14 tank side brackets + ceiling for 47 space[illegible]
removed for access. DB Tanks N.os 2.3.4 + 5 tested on completion of repairs.

It was found necessary to harden up about 950 rivets and about 450 [illegible]
of difficulties caulking in way of plate landings + butts in bottom shell.

Bulwark Damage in way of 8-B Space Port Side:- 1 bulwark plate, 1 rail bar, 3 [illegible]
bulwark stanchions, 1 sheerstrake plate + 1 deck stringer angle were found damaged, the late owners have agreed with the new owners to repair this damage at Hamburg to which port she is proceeding via Swansea.

G.P.P.

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 tes[illegible] Superintenden[illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | | | |
| | 1st Bower ... | | | | | | | | | | | | | | | | |
| | 2nd " | | | | | | | | | | | | | | | | |
| | 3rd " | | | | | | | | | | | | | | | | |
| | *Collective Weight.* | | | | | | | | | | | | | | | | |
| | Stream ..... | | | | | | | | | | | | | | | | |
| | Kedge..... | | | | | | | | | | | | | | | | |

*If Patent state name of Patentee.*

* 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 Cables. | When and where tested Superintendent. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Length. | Diam. | Statutory. | Breaking. | Supplied. | Per Rule. | Length. | Diam. | | | |
| | Fathoms. | Ins. | Tons. | Tons. | Cwts. qrs. lbs. | Cwts. qrs. lbs. | Fathoms. | Ins. | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Iron Stream Chain or Steel Wire.... | | | | | | | | | | | |

N.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.

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