

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 19... When handed in at Local Office 14 JAN 1921 Port of LIVERPOOL

No. in Survey held at Ellesmere Port Date, First Survey Dec 1st Last Survey Dec 31st 1920
Reg. Book. (No. of Visits 8) Master

6060 on the Wood, Iron or Steel S. Sr. "DELIA."
Built at Libeck By whom Schiffsw. v. Henry Koch When 1914
Owners Keith, Hull & Hamburg S. P. Co. Ltd. Port belonging to London

TONNAGE:-
ROSS 1225
UNDER DECK 1095
NET 700
Owners' Address
(if not already recorded in Appendix to Register Book) Ellesmere Port Pontoon

Surveyed Afloat or in Dry Dock? Both Name of Dock "Ellesmere Port Pontoon" Destined Voyage
B=CellDBorDBa feet; uE&B feet; f feet; }
al 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 tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, ribs, and of the inner bottom plating, especially in the boiler space.

Last Report, No. Port
Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the use of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs 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 placement 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.

CHARACTER, etc. for Special Survey, Date of last Survey and of Periodical Surveys. Years Assigned, expired. Machinery and Boiler Surveys (including date of N.B., if any).
RETAIN
Society's Freeboard (if assigned) as painted on Ship and now verified

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? .

PAIRS, OR EXAMINATION AS PER RULE, FOR Special Survey for classification.

Vessel placed on pontoon. Bottom and under cleaned, examined and coated. Examined holds, decks, and tween decks, bunkers fore and after peaks, chain locker, engine and boiler space; nos. 1, 2, 3, 5, 6, 7, 8, 9 double bottom ballast tanks, and no. 4 dry tank under the boilers; hatches, covers and supports, plating under sidelights, masts (wedges removed), rigging, windlass, steering gear and connections, pumps, W. J. door, boats, equipment, air and sounding pipes, casings and ventilators; ceiling, sparring and platforms removed, steel surfaces scaled and coated; all double bottom ballast tanks, and fore peak tank tested and found tight; anchors and cables ranged and examined and found to be in accordance with certificates produced, for particulars see 1st entry report

DESCRIPTION OF DAMAGE REPAIRS :-	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :-
Renewed								
Removed and Faired or Repaired								
Faired or Repaired in place								
GENERAL CONDITION OF THE	<p>Stringers <i>good</i> Dblg. Plates under Sounding Pipes <i>good</i> Copper, or Y.M. of Wood Vessels (State if on Felt.) Inner Bottom Plating <i>good</i> Engine Room Skylights <i>good</i> When put on, Month Year Age of Decks <i>good</i> State if Tanks have been examined inside <i>yes</i> Coal Bunkers, Open'gs, Lids, &c. <i>good</i> Boats <i>good</i> Rays <i>good</i> State if Tanks now tested <i>yes</i> Scuppers <i>good</i> Masts, Yards, &c. <i>good</i> Girders <i>good</i> Bulkheads <i>good</i> Cargo Hatchways <i>good</i> Condition, how ascertained <i>by examination</i> & Fastenings <i>good</i> Ceiling <i>good</i> Hatches <i>good</i> (State if wedges removed) <i>yes</i> Plating <i>good</i> Cement <i>good</i> (State which.) Rudder <i>good</i> Planking of Wood Vessels <i>good</i> Sails <i>good</i> Age of ditto <i>good</i> Windlass <i>good</i> Caulking <i>good</i> Treenails ditto Equipment letter Decks & Crutches <i>good</i> Have Pumps now been examined and found efficient? <i>yes</i> Transoms, Pointers, & Crutches ditto Anchors, No. of <i>3 B. 15. 1 K.</i> Ribs <i>good</i> Have Sluice Valves now been examined and found efficient? <i>yes</i> Timbers of Frame at openings ditto Cables (State if now ranged) <i>yes</i> Frames <i>good</i> Have Watertight Doors now been examined and found efficient? <i>yes</i> Ditto ditto at other places ditto Rule length <i>205/32</i> size <i>1 5/8</i> Plating <i>good</i> efficient? <i>yes</i> Stringers, Clamps & Shelves ditto Rule length size Plating <i>good</i> efficient? <i>yes</i> Galting (State if examined.) ditto Standing & Running Rigging <i>good</i></p>							

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 ptnd 15, &c."
This vessel is now in *good* and efficient condition and eligible in my opinion to be classed *100 A. 1.* *with* Record of survey and notation of S.S. LIV. N^o 3-12, 20, *being* subject to completion of survey. Indented plating to be repaired at owner's convenience.

Fees (per Section 28) £ : : Fees applied for, 19...
Damage or Repair Fee (if any) £ 35 : : Received by me, 19...
Expenses (if chargeable) £ 1 : 10 : 0
Surveyor's Fee (if any) £ : :
E.H. Dean, Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 14 JAN 1921
Character Assigned 100 A. 1. record 12:20
with freeboard. S.S. Liv N^o 3: 12:20
FRI. 30 JUN 1920
TUES. 15 DEC 1925
TUES. 16 MAR 1926
FRI. 18 JUN 1926
Lloyd's Register Foundation

In Certificate required if 1/20, to be sent to W 404-0155-1121

attached, rudder lifted and pintles examined, shell plating drilled amidships, and the scantlings of the ~~rest~~ various parts of the vessel ascertained, for particulars see 1st entry report attached.

A number of rivets cut out from various parts of the vessel and found good, the holes fair and well countersunk.

The undermentioned damage was found on the port side in way of fore hold; cause and date not stated.

shell plates "H" 6x7 indented

" " "F" 6x7 "

" " "E" 5 "

" " "G" 6x7 "

frames, and ^{side} stringer plates and angles set in, in way of these plates.

The foregoing damage does not affect the seaworthiness of the vessel and the owners statement that repairs will be carried out at first convenient opportunity is in my opinion satisfactory.

The damage to bulwarks mentioned in Keith report dated 25th August 1920, has been examined and remains efficient.

The shell plating between "wind and water" was found to be somewhat pitted, this was carefully examined and found to be efficient.

No opportunity was given this time to have the freeboard assigned by the Committee marked on the vessel's side; but owners superintendent stated this would be done at first possible opportunity. The vessel is at present manning with a provisional freeboard assigned by the Board of Trade expiring in July 1921.

No doublings or stiffening is provided to the topsides in way of the well forward; arrangements have been made with owners superintendent to have adequate stiffening fitted at the first possible opportunity. (See Secretary's letter 21/12/20 "M".)

The port diving wheel of the windlass was found to be damaged; particulars were taken for supplying a new wheel, and owners superintendent stated this would be fitted as soon as same comes to hand.

To complete the survey:- Doublings to be fitted to forward well; board to mark on ship's side and verify; facilities to be provided to enable the crew to get to and from their quarters without descending to the well (see Secretary's letter 31/12/20 "M"); 30 fathoms of 1¹/₁₆ stud link to supply, also 75 fathoms 3³/₄ steel wire rope, (see Secretary's letter 2/20 "M"); new port diving wheel to supply for windlass.

ETD.

