

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report Oct 12th 1908 When handed in at Local Office 13 OCT 1908 Port of Newcastle-on-Tyne

No. in Reg. Book. Survey held at Hebburn Date, First Survey June 18 Last Survey Oct 9 1908
(No. of Visits 10) Master F. Harris

200 on the ~~Wood~~ Iron or Steel Wimoton Grange Built at Belfast By whom Workman Clark & Co Ltd When 1894
GROSS 3423 Owners Houlder Line Ltd Port belonging to London
UNDER DEK 3116 Owners' Address (Houlder Bros & Co Ltd Mgrs)
NET 2198 (if not already recorded in Appendix to Register Book.)

Surveyed Afloat Y in Dry Dock X Name of Dock Hawthorn Reefs Destined Voyage

WB=Cell DBor DBa 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. 60808 Port Liv

(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 summarized 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.)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.D., if any).
<u>*100 A1 Spark dk</u> <u>H-08</u>		<u>*1 MC 8-07</u> <u>RMC H-08</u>
<u>SS NYC NO3 8-07</u>		

Society's Freeboard (if assigned) as painted on Ship and now verified }ft.....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 why they were declined? also whether any damage report was made, and, if so, by whom?

REPAIRS, OR EXAMINATION AS PER RULE, FOR docking and renewal of boilers
Now done, Vessel examined in dry dock, bottom found good, cleaned and coated

Casings to be removed to allow old boilers to be taken out and new ones shipped and afterwards satisfactorily refitted

Boiler space examined after removal of boilers and doubling plate (about 3'0 wide) fitted full width of tank in way of after boiler bearer. remainder of steel work in boiler room found good.

SUMMARY 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								

PRESENT CONDITION OF THE	Stringers	Dblng. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks <u>Good</u>	Inner Bottom Plating <u>where seen good</u>	Engine Room Skylights <u>good</u>	(state if on Fell.) When put on, Month Year
Caulking of Decks	State if Tanks have been examined inside	Coal Bunkers, Open'gs, Lids, &c.	Boats <u>good</u>
Waterways	State if Tanks now tested <u>boiler room good</u>	Scuppers	Masts, Yards, &c.
Coamings	Bulkheads	Cargo Hatchways	Condition, how ascertained <u>from dk</u>
Beams & Fastenings <u>where seen</u>	Ceiling	Hatches	(State if wedges removed)
Outside Plating	Cement or Asphalt (state which)	Planking of Wood Vessels	Sails
Caulking of ditto	Rudder <u>good</u>	Caulking ditto	Equipment letter <u>W</u>
Rivets	Steering gear and its connections	Treenails ditto	Anchors, No. of <u>5</u>
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 <u>stated</u>
Frames	Have Sluice Valves now been examined and found efficient?	Timbers of Frame at openings ditto	" (on board) <u>Complete</u>
Reverse Frames	Have Watertight Doors now been examined and found efficient?	Ditto ditto at other places ditto	" Rule length (per Table 22)
Floors		Stringers, Clamps & Shelves ditto	Hawser & Warps
Keelsons		Salting (State if examined.) ditto	Standing & Running Rigging <u>good</u>

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, 1,07," or "to remain as classed and to have record of survey, 1,07, and the notations of ss No. 1-07 and ptND07, &c."

As far as seen this vessel is in good and efficient condition and eligible in our opinion to remain as classed and to have record of Survey 10-08

Survey Fee (per Section 28)	£	Fees applied for,	19
Special Damage or Repair Fee (if any) (per Sec. 29)	£	Received by me,	19
Travelling Expenses (if chargeable)	£		
Second Surveyor's Fee (if any)	£		

Thos Shaw + Lombard
Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute TUES. 20 OCT 1908
Character Assigned 100A1
Spark dk. + RB 1008
D.C.S. 1008



NWC875-0125