Rpt. 8. (Received at London Office WED. 16 AUG. 1916) No. 36228

RETAIN

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report ..... 19 ..... When handed in at Local Office ..... 19 ..... Port of Glasgow

No. in Reg. Book. 765 — Survey held at Glasgow — Date, First Survey 29/4/16 — Last Survey 9/8/1916 (No. of Visits 9)

on the ~~Wood, Iron or~~ Steel S. S. "MATHERAN" — Master M. J. Addy

TONNAGE:— GROSS 7654 — UNDER DK. 7320 — NET 4928

Built at Belfast — By whom Harland & Wolff Ltd — When 1906 (Year) 5 (Month)

Owners T. J. Brocklebank Ld — Port belonging to Liverpool

Owners' Address (if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? Both. Name of Dock Govan. Destined Voyage Calcutta

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. 3571 Port Bal

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 not expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 100. A.1. 12.13		+ L.M.C
S.S. Bkr N.1.11.		M.S. 5.14
		B.S. 4.16

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.

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? Yes. not Required Was a damage report made by anyone else? If so, by whom? Mr. Cousins

REPAIRS, OR EXAMINATION AS PER RULE, FOR Special Survey No. 2, due 5.14, and for damage stated to have been caused through having been struck on the port side, by the S.S. "Puma", on 2nd Aug. 1916, whilst lying moored at her berth at Stobcross Quay, on the River Clyde. The "Puma" was proceeding up the River at the time. For further details, see log book.

Now done: Vessel placed in dry dock, bottom cleaned, examined and recoated. The sole piece of the stern frame was found somewhat pitted on the upper surface. The parts were carefully cleaned and made good in place by the Electro welding process. The rudder examined. The pintles were found a little worn and

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	1							
Removed and Faired or Repaired		1						
Faired or Repaired in place	2	2						

PRESENT CONDITION OF THE

Masts	Good
Decking of Decks	"
Deckways	"
Fittings	"
Pins & Fastenings	"
Outside Plating	"
Decking of ditto	"
Decks	"
Breasthooks & Crutches	✓
Transoms	✓
Knees	✓
Horse Frames	✓
Ports	✓
Transons	✓

Stringers	✓
Inner Bottom Plating	Good
State if Tanks have been examined inside	See Rept
State if Tanks now tested	do
Bulkheads	✓
Ceiling	✓
Cement or Asphalt (State which.)	Com. good
Rudder	Good
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?	✓

Dblng. Plates under Sounding Pipes	✓
Engine Room Skylights	Good
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	from dk.
(State if wedges removed)	no
Sails	✓
Equipment letter	C f
Anchors, No. of	3 B. 1 S. 1 K.
Cables (State if now ranged)	yes
" length 300 fathms size 2 3/8 (on board)	
" Rule length 300 fath size 2 3/16	
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, 1,11," or "to remain as classed and to have record of survey, 1,11, and the notations of *ss No.* 1–11 and ptND11, &c."

This vessel is in a good and efficient condition and eligible, in my opinion to remain as classed with record of Survey 8.16 and notation of S.S. Cal. No. 2. 14., subject to the rudder pintles being rebushed at next dry docking

Survey Fee (per Section 28)	£ : :	Fees applied for, 15/8/ 19 16
Special Damage or Repair Fee (if any) (per Sec. 29)	£ 3 : 3 : 0	Received by me, 5.10. 19 16
Travelling Expenses (if chargeable)	£ : :	
Second Surveyor's Fee (if any)	£ : :	

George Nicol
Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

Character Assigned 100 A1. 8.16. S. S. No. 2 – 14 subject to

GLASGOW 16 AUG. 1916 — BILL CERTIFICATE WRITTEN 12.10.16 — FRI. 9 FEB. 1917

S.S. No. 2 + Damage

(The Surveyors are requested not to write in this space) 10m.8.14.—

To Certificate required? If so, to be sent to

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S. S. "Matheran" cont.d

and rebushing was recommended, but owing to Admiralty regulations the vessel could not be retained in dock long enough to have the work done at this time. The Owners' Superintendent states that the rudder will be rebushed at the next time of docking, which, in the circumstances, might, in my opinion be approved.

Chain cables ranged and examined and found to consist of 300 fathoms 2 3/8 stud link chain cable. Chain locker cleaned, examined, and recoated.

The Special Survey No. 2 now completed as follows:- No. 1 compartment of double bottom and aft peak tank examined internally and tested under water pressure as required by the Rules with satisfactory results, Boiler space abreast of boilers examined, boats and hand pumps exam.d and found in good order. The leaky rivets in cross bunker on port side, referred to in Southampton Report No. 9309 now renewed, and note in Special Reasons hist regarding same might therefore be deleted. Anchors examined and found in good order.

Now done on account of damage:- No. 6 plate on 3rd strake below upper sheerstrake (counting from forward) cut out and renewed, 2 adjoining plates in 4th strake below sheerstrake faired in place. 1 frame cropped and partly renewed, 2

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	Cwts.	qrs.	lbs.	Weight required by Table 30 or 31. Cwts.	qrs.	lbs.	Description of Anchor. (If Patent state name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
	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. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Table 30 or 31. Cwts. qrs. lbs.	Length and size per Table 30 or 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	When and where tested and Superintendent.
Iron Stream Chain or Steel Wire....											

frames faired in place as necessary. Cement chocks on main deck stanchions, cut out for access renewed, also hold spacing repitted when repairs had been effected.

GR.

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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