

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 30 May 21 When handed in at Local Office 30 May 21 Port of CARDIFF

No. in Survey held at Cardiff Date, First Survey 31 March 21 Last Survey 28 May 1921
 eg. Book. 5221 on the Wood, Iron or Steel of "MANOA" Master James Buchanan

TONNAGE:— Built at Vegeach By whom James Buchanan When 1912
 GROSS 4708 Owners Canada Steamship Lines Ltd. Port belonging to
 UNDER DE. 3178 Owners' Address
 NET 2880 (if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? Both Name of Dock Swanston Destined Voyage Montreal
 WB=CellDBorDBa feet; uE&B feet; f feet; f
 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

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.

CHARACTER.
 * for Special Survey.
 Date of last Survey and of Periodical Surveys.

Year assigned now expired.

Machinery and Boiler Surveys (including date of N.B., if any).

100A1 with full
(Class Contemplated)

Society's Freeboard (if assigned) as painted on Ship and now verified 3 ft 5 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? Was a damage report made by anyone else? If so, by whom?

REPAIRS, OR EXAMINATION AS PER RULE, FOR

Classification

in Rpts. Qtr. 1834, 1849, & 19283

This ex. German vessel was built at Vegeach in 1912, and
classified in "American Record."
With a view to Classification in this Society, the vessel was
examined at New York and Quebec, as reported. (See also
Secretary's letter of 30 March 1921 and Subj.)
Now further examined in dry dock at this port. The after
hold, loaded with bonded stores as stated, remaining holds containing
a large quantity of solid ballast, rendering inner bottom plating inaccessible.

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	Dblg. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
<u>Good</u>	<u>Good</u>	<u>Good</u>	(State if on Felt.)
Decks	Inner Bottom Plating	Engine Room Skylights	When put on, Month Year
Caulking of Decks	State if Tanks have been examined inside	Coal Bunkers, Openings, Lids, &c.	Boats
Waterways	State if Tanks now tested	Scuppers	Masts, Yards, &c.
Samings	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 (on board) size
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
Boors		Stringers, Clamps & Shells ditto	Standing & Running Rigging
Belsons		Salting (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, and the notations of ss No. 1-15 and ptND15, &c."

This vessel being now in good condition, appears worthy to be
classified 100 A1. with fullboard, as contemplated, with record
of Survey.

Survey Fee (per Section 28) £ : Fees applied for, 19
 Special Damage or Repair Fee (if any) £ : Received by me, 12/2/21
 Sailing Expenses (if chargeable) £ 100
 and Surveyor's Fee (if any) £ :

Committee's Minute
 Character Assigned
Lloyd's A.P. with full
L.S.N. 2.20
Subject.
 Surveyor to Lloyd's Register of Shipping.
 FRI. 22 SEP. 1922

Is Certificate required? If so, to be sent to

21 152069800169800

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Rpt. 9a.

Port of **CARDIFF**

Continuation of Report No 2413. dated 8th June. 1921. on the

Manoa.

Chain Cables ranged for examination, tested, and replaced. Anchors also examined and tested. (See back form)

The bottom plating found worn on bars fitted in places; now repaired by Electric Welding as found necessary, from lower turn of bely. to about light water mark.

In Compensation for deficiency in scantling of through beams of 2nd deck, longitudinal girders in line with hatch coverings now fitted, (as indicated in Secretary's letter of 20 April 1920 Pt.) of double hull angles 8 x 3 1/2 x .50, from No 1 Hatch to No 4 Hatch, with legs and corner bars to beams, braced to longitudinal middle line bulkhead about No 2 Hatch, and longitudinal girders braced to transverse bulkheads

Crew gangway fitted from Bridge front to forecath deck.

6 Lifeboats now supplied.

Bottom painted

P. Price

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

ANCHORS.

Number of Certificate.	Anchors #	WEIGHT OF STOCK.		WEIGHT OF STOCK.		TEST PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 30 OR 31.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.			
14199	1st Bower	52 0 21	-	-	-	45.5	-	-	-	Halls' Stockless	-	Off. 14/21. A. Jones
14200	2nd "	54 2 0	-	-	-	46.1	-	-	-	"	-	"
14198	3rd "	54 0 21	-	-	-	44.9	-	-	-	"	-	"
	Collective Weight.	160 3 14	-	-	-	-	-	-	-		-	
14196	Stream	15 0 14	4	0	0	16.6	-	-	-	Common	-	"
14197	Kedge	7 1 7	1	3	14	9.5	-	-	-	"	-	"

* 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 Table 30 or 31.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Stain- lory.	Breaking.	Supplied.	Per Table 30 or 31.	Length.	Diam.			
23740	225	2 1/16	76.5	107.1	49.3.24				Std.	-	Off. 14/21. A. Jones
23741	45	2 3/16	81.4	113.3	72.2.22				"	-	"
					10-0-0						
Iron Stream Chain or Steel Wire...											

See letter

P. Price

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

Write "Bridge" "Shore" and "Upper Deck" "Shore" opposite the corresponding figures in the margin.



2/2 1520469800-16 9800