

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 12/6/40 When handed in at Local Office 12/6/40 Port of SYDNEY, N.S.W.

No. in Survey held at SYDNEY, N.S.W. Date, First Survey 5/6/40 Last Survey 10/6/1940

Book. 2397 on the Wood, Iron or Steel Trp. S.S. NIAGARA By whom J. Brown & Co. Ltd. When 1913 - 3

TONNAGE: - Gross 13415 Built at Glydebank Owners Canadian Australasian Line Owners' Address Ld. Port belonging to London

UNDER DK. 8684 Managers ✓ Surveyed Afloat or in Dry Dock? Afloat Name of Dock Sydney Harbour Destined Voyage

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. 100 A1 Shelter Deck with freeboard 4.40 S.S. 2nd 3-1.37 Fitted for oil fuel 3.13 F.P. above 50° Society's Freeboard (if assigned) as painted on Ship and now verified

Yacht Assigned. Machinery and Boiler surveys (including date of N.B., if any). MS. 5.36 BS. 4.38 10.39 TS(S) P. 39 01 "(P) 2.38 "(C) 8.38 Tell. Rmc 12.39

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.

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.

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 Verification of New Chain Cable, Special examination of No. 6 and

7 double bottom tanks, and hull repairs.

At the request of the Owners examined the following:— Chain cables ranged and examined.

333 fathoms on board, three 15' fathom lengths found worn to limit size and taken out, minimum size of remaining cable 2 9/16". Two 15' fathom lengths of new cable

new verified with certificates and placed on board. Additional cable will be placed on board when available.

No. 6 and 7 double bottom tanks, (referred to in S.P. List) now cleaned out, sealed and recanted as necessary. These tanks examined internally, no further action

due to fitting or corrosion was apparent, the tanks still in good condition.

Port & Shaft Tunnel:— Portion of the after end of this tunnel examined under

SUMMARY OF DAMAGE REPAIRS:—

Shell Plates. Frames. R. Frames. Floors and Bracket Floors. Beams. Inner Bottom Plates. Dk. Plates. Other Items:—

Renewed ... Removed and Fairied or Repaired ... Fairied or Repaired in place ...

PRESENT CONDITION OF THE

State if Tanks have been examined inside as above. State if Tanks now tested. Bulkheads. Ceiling. Cement or Asphalt. (State which.) Rudder. Steering gear and its connections. Windlass. Have pumps now been examined and found efficient? 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?

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

Copper, or Y.M. of Wood Vessels. (State if on Felt). When put on, Month. Year. Boats. Masts, Yards, &c. Condition, how ascertained. (State if redges removed). Sails. Equipment letter. Anchors, No. of. Chain Locker. Cables (State if now ranged). " length. " (on board). " Rule length. Hawser & Warps. Standing and 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, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and pEND24, &c."

This vessel, as far as seen, is now in good condition, eligible in my opinion to remain as classed, subject to 15 W repairs to stem frame and rudder main piece being especially examined next dry docking, No. 6 and 7 double bottom tanks being examined internally annually until next Special Survey (to be examined 6-40) and to 15' fathoms of chain cable of proper size and test being supplied.

Survey Fee (per Section 20) ... Special Damage or Repair Fee (if any) ... Travelling Expenses (if chargeable) ... Second Surveyor's Fee (if any) ... Committee's Minute ... Character Assigned ...

Fees applied for, 12/6/40 Received by me, 19...

Surveyor to Lloyd's Register of Shipping.

FRI, 9 AUG 1940

Deferred

361-0161

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platform and the following facts, found wanted, were dealt with.
I now bottom plating shelled for about 6'0" x 2'0". Brackets connecting
nos 3, 4, 5, 7 and 8 frames from aft to tank top removed. Some feet of
reverse frame on 7th frame from aft removed. Doubling plate about
6'0" x 3'0" fitted on side of tunnel.

In S. 17. List:- "Thin frame (1/4 W 5-28, 11-30, 10-31, 10-33, 12-35, 8-38 and
1-39) (1/4 W and reinforced 8-39) and rudder main piece (1/4 W 8-39) being
specially examined next docking. Nos 6 and 7 D.B.Ts to examine
internally annually until next S.S.

Jas. C. E. Skene

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 tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
	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.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Rule.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Statu- tory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
	Fathoms.	Inch.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Inch.			
112117	15'	2 13/16"	133 1/2	186 3/4	60-3-10	59-3-12		2 13/16	Steel Link N. Ringley		(Nathaniel 5: Nov. 1939
112118	15'	2 13/16"	133 1/2	186 3/4	60-2-3	59-3-12		2 13/16	- do - and Sons. Ltd.		J. A. Relf Capt.
Iron Stream Chain } or Steel Wire... }											

N.B.—If this Report is copied by Copying Press, especial care must be taken to ensure 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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