

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 (No. of Visits 3)

TONNAGE: - Built at Lelydebank By whom J. Brown & Co. Ltd When 1913 - 3

GROSS 13415 Owners Canadian Australasian Line Owners' Address (if not already recorded in Appendix to Register Book).

UNDER DK. 8684 Managers Ld. Port belonging to London

NET 7582 Managers ✓

Surveyed Afloat or in Dry Dock? Afloat Name of Dock Sydney Harbour Destined Voyage

CB = 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. 17609 Port Syd

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER. &c. for Special Survey. Date of last survey and of Periodical Surveys.
100 A1 Machinery and Boiler surveys (including date of N.B., if any).
Shelter Deck with freeboard MS. 5.36
4.40 BS. 10.39
S.S. Sys 2nd 3-1.37 TS(S) P. 39 01
Fitted for oil fuel 3.13 F.P. above 50° (P) 2.38
Society's Freeboard (if assigned) as painted on Ship and now verified (C) 8.38

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 Nos 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.

Nos 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: -

Summary of Damage Repairs: -	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items: -
Renewed								
Removed and Faired or Repaired								
Faired 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 ✓

Dbing. Plates under Sounding Pipes ✓

Engine Room Skylights ✓

Coal Bunkers, Open'gs, Lids, &c. ✓

Oil Bunkers ✓

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 ✓

Timbers of Frame at other places ditto ✓

Stringers, Clamps & Shelves ditto ✓

Salting ditto (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 3 B. 15.

Chain Locker ✓

Cables (State if now ranged) ✓

" length 315 fms mean diam. 2 9/16"

" (on board) 330 fms size 2 13/16"

" Rule length 330 fms size 2 13/16"

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 ptND24, &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, Nos 6 and 7 double bottom tanks being examined internally annually until next Special Survey (examined 6.40) and to 15' fathoms of chain cable of proper size and test being supplied.

Survey Fee (per section 20) £ 5 5 0

Special Damage or Repair Fee (if any) (per Sec. 20) £

Travelling Expenses (if chargeable) £

Second Surveyor's Fee (if any) £

Committee's Minute

Character Assigned Deferred

FRI, 9 AUG 1940

Received by me, Jas C. E. ...

Surveyor to Lloyd's Register of Shipping.

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1710-1920

platform and the following parts, found washed, were dealt with.
 I new bottom plating studded for about 6'0" x 2'0". Buckets connecting
 nos 3, 4, 5, 7 and 8 frames from aft to tank top removed. Same 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 (1/2 W 5-28, 11-30, 10-31, 10-33, 12-35, 8-38 and
 1-39) (1/2 W and reinforced 8-39) and rudder main piece (1/2 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. Eskani

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.

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.			
	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.	Ins.	Tons.	Tons.						Cwts. qrs. lbs.
112117	15'	2 13/16"	133 1/2	186 3/4	60	3-10	59	3-12	2 13/16"	2 13/16"	Steel Link N. Ringley and Sons Ltd.	(Nathaniel 5: Nov. 1939)	J. A. Relf Super.	
112118	15'	2 13/16"	133 1/2	186 3/4	60	2-3	59	3-12	2 13/16"	2 13/16"				
	Iron Stream Chain } or Steel Wire... }													

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