

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Hull*
Date of Survey *while building*
Name of Surveyor *Wm. Balfour*

Ship's Name. AKARIKI	Port of Registry and Nationality. <i>Sydney</i>	Official Number.	Gross Tonnage. 700 <i>(approx)</i>	Date of Build. <i>1926</i>	Particulars of Classification. +100 A-1. Contemplated
Number in Register Book					

Registered Length from this Register. 190.2	BREADTH. 31.4	DEPTH. <i>13.2 ft. to top of abcr. beam.</i> 12.95	UNDER DECK TONNAGE. 655.19
<i>190-0</i>	Frame Depth <i>5</i> Rule <i>9 1/2</i> <i>Sparring fitted level with frames + 33</i>	Ceiling <i>fitted</i> Sheer <i>+ 57</i>	Peak Tanks <i>2 mild.</i> <i>Old keel 2 - 2.5 low</i> <i>Deck tank 2 - 2.5 low</i>
190.0	31.48	13.77	654.84

Moulded Depth as measured..... *15'-0"*
 Addition for Keel below base line for draught record..... inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

15'-0"
2'-6 1/2"
13'-2 1/2"

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>190-0</i>
Length in Table	180.0
Difference	10.0
Correction for 10ft., Table A.	1.0
Table C.5
× Difference divided by 10	1.0 (if required.) .5
If 1/10ths length covered divide by 2	+1" + 1/2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<i>no wood deck</i> .476
Thickness of usual wood deck, less stringer	<i>3 1/2 - .30 = 3.20</i> 1.52 - 1 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>31</i> 29.00
Round of Beam	7.75
Normal round.....	7.75
Difference	1.25 - 2 = .625
Proportion of Deck uncovered (Para. 19)524 .327 - 1/4"

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

Mean Sheer [Table, Para. 18]	29.00	Correction
Difference.....	20.54 ÷ 4 =	5.13
as Para. 18 (f)		- 5 1/4"

At front of bridge house.....	<input checked="" type="checkbox"/>
At after end of forecastle	<input checked="" type="checkbox"/>

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	0'-7 1/2"
or Length, if required (Para. 12, 13, and 14)	+ 0 1/2"
Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	0'-8"
below.....	2'-1 3/4"
	1'-5 3/4"
	28.70%
	5.09

Freeboard, Table A	2'-6"
Correction for Sheer	- 5 1/4"
Correction for Length	2'-0 3/4"
Allowance for Deck Erections	+ 1"
Correction for Round of Beam.....	2'-2 1/4"
Correction for fall in Sheer (if any).....	- 5"
Correction for Iron Deck (if required)	1'-8 3/4"
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	- 0 1/4"
Other Corrections (if any)	1'-8 1/2"

or R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

or Deck Erections

Winter Freeboard	1'-7"
Summer Freeboard	13/4" 1'-5 1/4"
Indian Summer Freeboard	<input checked="" type="checkbox"/>
N. A. Winter Freeboard	<input checked="" type="checkbox"/>
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.	1 1/2"
Winter Freeboard from deck line	1'-8 1/2"
Summer " " " "	1'-6 3/4"
Indian Summer " " " "	<input checked="" type="checkbox"/>
N. A. Winter " " " "	<input checked="" type="checkbox"/>

Length.	Length allowed.	Height.
37.33	37.33	7'9"
53.16	53.16	7'9"
	90.49 =	.4763
	190.00	

RD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck:—	
Fresh Water Line above centre of Disc	1'-6 1/2"
Indian Summer Line " " " "	3 1/2"
Winter Line below " " " "	1 1/2"
Winter North Atlantic Line " " " "	3 1/2"

skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.

† The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.

RECEIVED 10 JUN 1926

MARKING FORM

Lloyd's Register of Shipping

FOUNDATION

WS19-0174

Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House? *Yes* Forecastle?

To what height do the Reverse Frames extend? *B.A. in file*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead *Steel hinged W.T. door*

What is the thickness of the Bridge Front plating? *32" + 30"* and Coaming plate? *34" + 36"*

Give scantlings and spacing of the Stiffeners *6 1/2" + 3 1/2" + 34 Ba spaced 36" as approved*

Are bracket plates fitted at each end of the Stiffeners? *bits & plugs* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*

How are the openings closed? *hinged teak doors*

Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron ~~or Wood~~ Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Yes*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? *2' 6" above Br* Are suitable means provided for closing all openings in them in bad weather?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes*

Position and Size.	24'-6" x 16'		24'-6" x 16'		Ship.	Rule.	Ship.	Rule.	Ship.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING: Height above top of DECK	3'-6"		as for						
	Sides..... 44"		not						
	Ends..... 44"								
SHIFTING BEAMS OR WEB PLATES:	Number..... 44		as for						
	Section and Scantlings..... 15" x 35"		not						
	Material..... 3 1/2" x 3/4" double								
* FORE AND AFTERS:	Number..... none		none						
	Section and Scantlings.....								
	Material.....								
HATCHES Thickness.....	3"		3						
Remarks.....									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)
 The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

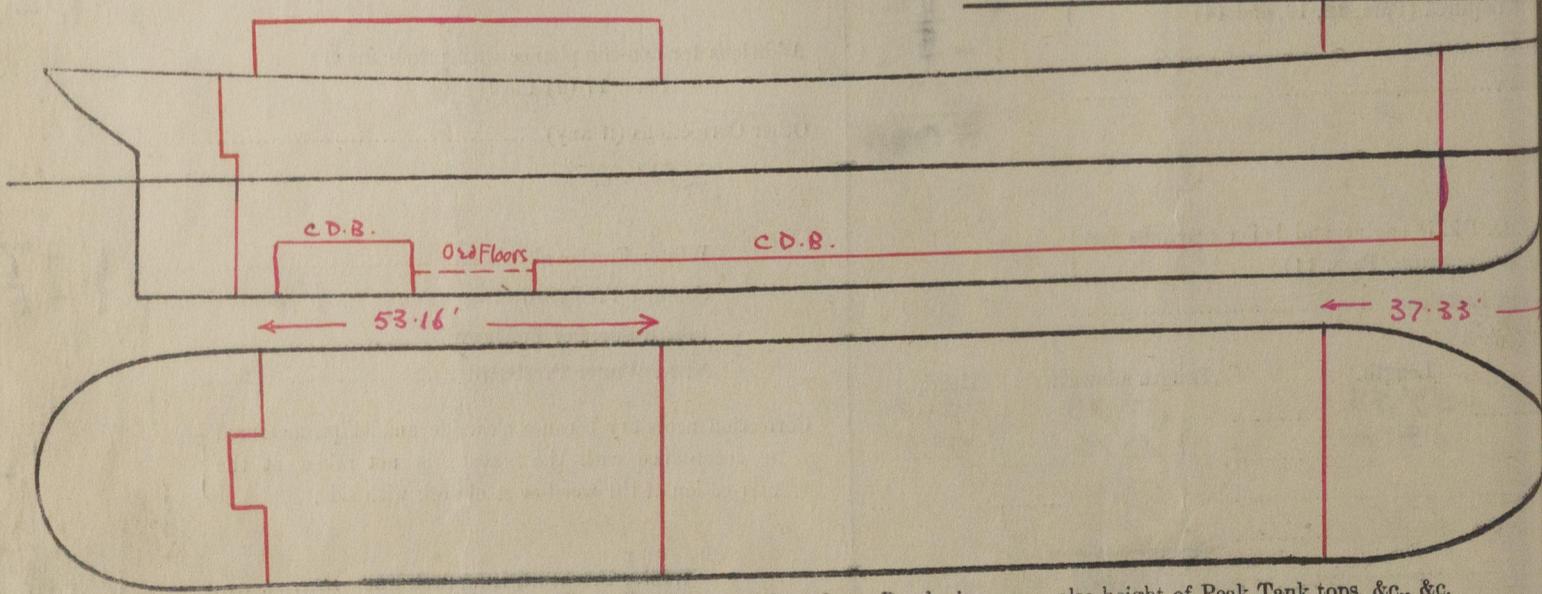
Delete the words that do not apply } The Crew are, are not, berthed in the bridge house.
 } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well *79*

Area of Freeing Ports required by *Rules* Para. 11 (e) each side of vessel = 15.80 Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports = 20.62 Sq. ft.
 2.42 x 1.42 x 6 } (each side of vessel)

Total deficiency or excess = 4.82 Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel *Plans in London office*

Builder's name and yard number *Lochrane & Son No 993*

Names of sister vessels *None*

Owners *Union Steam Ship Company of New Zealand*

Address _____

Fee £ 4 : 0 : 0

Received by me

See F.B. 115

Lloyd's Register Foundation