

STEEL STEAMER or MOTORSHIP.

Received at London Office 1 MAY 1926

State if Report has been sent on the Freeboard of the Vessel.

State if Report is sent on the Machinery of the Vessel.

Date of completion of report

Survey held at Liverpool Chester Date First Survey 6 November 1925 Last Survey 19 April 1926On the (Single, Twin, Triple)S. S. KALANG(Screws - Fore + aft).State Type (Full Steamship, Compound, Super-structure)Double Ended Ferry Steamer

State Type of Erections

TONNAGE under

518.04

CLASS

8100A* In Serviceif with freeboard
as condition of Class

No.

Built at Saltney, Chester.Do. of space or spaces
between Tonnage Dk.
and Upper Dk.6.61Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a)L 197.00

Breadth (greatest moulded)

B 35.50

Total

524.65Depth at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)D 14.00

Gross Tonnage

214.961st Longitudinal Number (L x D) = 26182nd Numeral L x (B + D) = 9256.5Framing Depth "d," at middle of length. See
Sec. 3 (1d)12.37Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel13.35Do. Long Bridge to top
of keel✓Draught Moulded for voyage to Sydney 11.846Launched 2nd March 1926 and No. 413Builders J. Brighton & Co.Owners Sydney Ferries Ltd.

Managers

(Where necessary to be entered in Reg. Book.)

Residence Sydney. N. S. W.Port of Registry Sydney N. S. W.

If surveyed while building, afloat, or in dry dock

Building + Afloat

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships			24		Bracket Floors, Frame			✓	
" " from 1/2 length to Collision bulkhead			24		" " Reversed Frame			✓	
" " in peaks			24		" " Vertical Struts			✓	
SIDE FRAMING.					Centre Girder, depth and thickness amidships			✓	
Frame Amidships, Angle, <u>E-F</u>	6	3	1/4	IN SHIP, 6 x 8 1/2 x 1/4	" " top Angles			✓	
" " Extends up to			Upper Deck		" " bottom Angles			✓	
Reversed Frame Amidships, Angle	3	3	3/5		Side Girders, No. each side and thickness			✓	
" " Extends up to			Across floor		Margin Plate depth (excl. of flange) and thickness			✓	
Depth of Framing Girder			6		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem			✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem			✓	
" " Second 'tween Decks, Angle, [or]			✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem			✓	
" " Third " " "			✓		" " Gussets, spacing and scantling forward 1/2 len. from stem			✓	
Framing in Peaks, Angle <u>E-F</u>	6	3	1/4	IN SHIP, 6 x 8 1/2 x 1/4	Tank Side Brackets, height above base line at toe of Frame and thickness			✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4	5/4	4/8	3/4	INNER BOTTOM PLATING.				
State if Frame Joggled			20		Breadth and thickness of Middle Line Strake			✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars			✓		Thickness of remainder in Holds			✓	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars			✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?			✓	
SINGLE BOTTOM.					BEAMS.				
Floors, Depth and thickness at mid-line in Holds			19 1/2	34	Uppermost Continuous Deck, amidships in Wells, Angle, <u>E-F</u>	6	3	3/5	IN SHIP, 6 x 3 1/2 x 3/5
Height of Brackets at side above base line at toe of frame			✓		" " in way of Bridge, Angle, [or]			✓	
Middle Line Keelson, on Floors, Angle, <u>E-F</u> Double	6 1/2	3	40		Spacing			24	
" " Through Plate or Intercoastal Plate			36		Second Deck, amidships, Angle, [or]			✓	
" " Foundation Plate on Floors			✓		Spacing			✓	
" " Flat Plate Keel Angles			✓		Third Deck, amidships, Angle, [or]			✓	
Side Keelsons, No. each side			✓		Spacing			✓	
" " thickness of Intercoastal Plate			✓		Fourth Deck, amidships, Angle, [or]			✓	
" " Angles			✓		Spacing			✓	
DOUBLE BOTTOM.					Poop Deck, Angle, [or]			✓	
Solid Floors, thickness and spacing			✓		Spacing			✓	
" " Are Frame and Reversed Frame joggled?			✓		Bridge Deck, Angle, [or]			✓	
Bracket Floors, breadth and thickness at middle line			✓		Spacing			✓	
" " breadth and thickness at margin plate			✓		Forecastle Deck, Angle, [or]			✓	
					Spacing			✓	

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Approved Plans to be Noted.
	INCHES IN SHIP.	INCHES IN SHIP.	
Stringer Plate, breadth and thickness in way of Bridge	✓		
Thickness of Plating abreast Deck openings in way of Wells	✓		
Thickness of Plating abreast Deck openings in way of Bridge	✓		
Thickness of Plating within line of openings...	✓		
If Sheathed, material and thickness	✓		
Third Deck.			
Stringer Plate, breadth and thickness.....	✓		
If Plated, state thickness.....	✓		
Fourth Deck.			
Stringer Plate, breadth and thickness.....	✓		
If Plated, state thickness	✓		
Poop Deck.			
Stringer Plate, breadth and thickness	✓		
Plating, Sheathing, material and thickness ...	✓		
Bridge Deck.			
Stringer Plate, breadth and thickness.....	✓		
Plating, Sheathing, material and thickness ...	✓		
Forecastle Deck.			
Stringer Plate, breadth and thickness.....	✓		
Plating, Sheathing, material and thickness ...	✓		
Second Deck.			
Stringer Plate, breadth and thickness in Wells...	✓		

SHELL PLATING.

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
Bottom. PLATE KEEL	40	.50	.40	.40	✓		2R.	3/4	3	3R	3/4	2 7/8	Strapped	
" DBLG. (if any)	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes	50	.44	.40	.40	✓		2R	3/4	3	3R+2R	3/4	2 7/8	Strapped	
BILGE PLATING, No. of Strakes	61	.44	.36	.36	✓		✓	✓	✓	✓	✓	✓	✓	
SIDE PLATING, No. of Strakes	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
UPPER DECK, Sheer-strake in Wells	39	.50	.38	.38	✓		2R	3/4	3	3R+2R	3/4	2 7/8	Strapped	
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
STRAKE BELOW Sheer-strake in Wells	61	.48	.36	.36	✓		2R	3/4	3	3R+2R	3/4	2 7/8	Strapped	
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
POOP SIDE PLATING	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
BRIDGE SIDE PLATING ...	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
FOREC'TLE SIDE PLATING	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	

FORGINGS and CASTINGS.

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *Five*Deck next below *Four.*

As per Rule.

MIDSHIP BULKHEAD, Upper tween decks	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
N° 42	32/	6" x 3" x 4" 00	30	✓	✓
" " Second	32/	6" x 3" x 4" 00	30	✓	✓
" " Third	32/	6" x 3" x 4" 00	30	✓	✓
" " Holds	28/	6" x 3" x 4" 00	30	✓	✓
" " (in Hold)	28/	6" x 3" x 4" 00	26	✓	✓
" " AFTER PEAK	28/	6" x 3" x 4" 00	26	✓	✓

FORGINGS and CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Roller Steel bar</i>	<i>7 x 2</i>	<i>✓</i>	<i>✓</i>
STEM	<i>Double flange steel</i>	<i>12" x 4"</i>	<i>✓</i>	<i>✓</i>
STERN FRAME	Propeller Post	<i>Forging 6" x 4"</i>	<i>✓</i>	<i>✓</i>
	Rudder	<i>5" x 4"</i>	<i>✓</i>	<i>✓</i>
RUDDER—A x D.....		<i>72</i>		
Speed of Vessel.....		<i>12 1/2 k.</i>		
RUDDER mainpiece at head ...	<i>Forging</i>	<i>6</i>	<i>21 Linton</i>	<i>✓</i>
" " heel ...		<i>4 1/2</i>	<i>✓</i>	<i>✓</i>
" " how constructed	<i>Worm shaft</i>	<i>4" x 4"</i>	<i>✓</i>	<i>✓</i>
" " double or single plate coupling, vertical or horizontal.....	<i>Single</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Prodingham Iron & Steel Works Ltd, Bolton, Vaughan & Co. Ltd, David Colville & Sons Ltd, Port Talbot Steel Co. Ltd, South Durham Iron & Steel Co. Ltd, Bonsett Iron Co. Ltd.

Has the Steel been tested as required by the Rules? *✓*

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Lloyd's Register
Foundation

EQUIPMENT No.												LETTER	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Owts.			
16474.	1st Bower ...	15	1	21				16	17	2	0	✓	Byro Steelworks	"	Off. 24/3/26 to Jones
16475.	2nd „ ...	15	0	0	✓			16	10	0	0	✓	"	"	24/3/26
	3rd „ ...														
	Collective weight.														
161753	Stream	3	0	10	✓	12	5	12	0	21	✓	Continuing			Continuing 1st 31/3/26 to Jones

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
29587	180	1 1/2	20 1/2	45 1/2	45	0	7	✓	✓	✓	Steel	✓	Off 24/3/26 to Jones	HAWSERS & WARPS	60	5	17	✓	✓
Iron Stream Chain		Cir.												"	45	5	✓	✓	
	60	7/8	4 1/2	9 1/2	14	0	8	✓			Steel.	✓	1st 31/3/26 to Jones	"	40	5 1/2	✓	✓	

Steering Gear, Steam
Proper
Steering Gear, Hand
Proper

Boats
1st 17.9 = 6.5 x 2.9.
2nd 19.1 = 6.5 x 2.5
Steering Chains, Size and Test
3/4 Dia. (Short line) 6.15.0.0.
Windlass
Clark Chapman (for voyage only)

Ceiling in Holds, thickness and material
✓
Cargo Battens, thickness, material and spacing
✓

Cargo Hatchways.—(Upper Deck)
✓
Thickness of Hatches
✓

Size of No. 1 Hatchway (Forward)
✓
No. 2
✓
No. 3
✓
No. 4
✓
No. 5
✓
No. 6
✓

Number of Shifting Beams and/or Fore and Afters
✓

FOR J. CRICHTON & CO. LTD.

Builder's Signature
Robert W. Bell

GENERAL DECLARATION
This vessel has been built in accordance with the approved plans and instructions as well as with the printed rules.

The materials and workmanship are good.

A Transverse of 3'-1 1/2" has been assigned for the voyage to Sydney N.S.W. and the marks verified and cut in on the main side.

The weather deck, all transverse and Bracing lines and chains have been satisfactorily tested.

The vessel is fitted with a single screw and under forward and aft and has been suitably loaded up and prepared for the voyage to Sydney N.S.W.

The following plans are forwarded with this report :-
Main Deck Plan, Profile and Deck Plans.

Date Examined "LURGUREND" 11th Apr. 1926.

The amount of Entry Fee £ 4 : 0 : 0
Freeboard 4 : 0 : 0
Special Survey Fee £ 52 : 10 : 0
Travelling Expenses, if any £ 3 : 17 : 6

Fees applied for,
30 APR 1926
Received by me,
166 6/20A B.H.

I am of opinion the Vessel should be Classed
100A- For Ferry Service in Sydney Harbour N.S.W.

State whether the Vessel has been built under Special Survey
Yes
Signature
Geo. L. Lytle.
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to
held to be
Date of issue
17/6/26

Committee's Minute
LIVERPOOL 30 APR. 1926

Character assigned
+ 100 A- H.26.
For Ferry Service in Sydney Harbour, N.S.W. + L.M.C. H.26. E.L.

PRINTED BY THE LLOYD'S REGISTER OF SHIPPING.

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 16474 CS 1/2 ton 205218 tested 22/2/26 Weight 8.2.0
2nd „ 16473 „ „ 5217 „ „ 8.0.21.
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Deck (S&W.S.)

Official No. 212; Signal Letters ☒ K.V.B.J. Is bottom of Vessel coated with cement ☒ if not give particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom					

* The wells are not to be included in this statement.

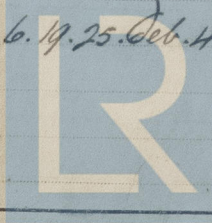
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1191

Date 18th March/26

Dates of Surveys held while building

1925 Nov. 6. 13. 20. 26. Dec. 3. 11. 21. - 1926 Jan. 6. 19. 25. Feb. 4. 10. 17. 22. 28. March. 2. 11. 16. 30. April. 9. 15. 16. 19.



Lloyd's Register Foundation
Total No. of Visits 23

Has the Steel been tested as required?