

STEEL STEAMER or MOTORSHIP.

Received at London Office

13 JUN 1925

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

Port of

LIVERPOOL

No.

88601

Survey held at

Saltney, Chester

Date First Survey

24th October 1924

Last Survey

10th June 1925

1925

On the

(State if Machinery fitted with or without Tonnage Opening)

S.S. LURGURENA

(Screw - Fore and aft)

State Type

(Full Seaming, Complete Superstructure with or without Tonnage Opening)

Double-ended screw steamer

State Type of Erections

TONNAGE under Tonnage Deck

519.51

CLASS 100R

FOR FERRY SERVICE as Condition of Class

HOBART AND BELLERIVE, TASMANIA

FEET.

Built at

Saltney, Chester.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

187.00

Launched

12th March 1925 and No. 398

Total

552.20

Breadth (greatest moulded)

B 35.50

Builders

J. Crichton & Co.

Gross Tonnage

Depth 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

Owners

Government of Tasmania

Register Tonnage

248.49

1st Longitudinal Number (L x D) = 2618

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length

187.50

Breadth

35.65

Depth

13.15

Framing Depth "d," at middle of length. See Sec. 3 (1d)

12.37

Residence

Tasmania

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.35

Port of Registry

Hobart

Do. Long Bridge to top of keel

✓

If surveyed while building, afloat, or in dry dock

Draught Moulded

for voyage to Tasmania

11.846

Building, & Afloat, & Dry Dock.

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, E or F	✓	6	3	44	" " top Angles	✓			
" " Extends up to	✓	Upper DR.			" " bottom Angles	✓			
Reversed Frame Amidships, Angle	✓	3	3	375	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	✓			
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓				Bracket abaft 1/4 len. from stem	✓			
" " Second 'tween Decks, Angle, E or F	✓				" " Vertical Angle to Tank side	✓			
" " Third " " " "	✓				Bracket forward 1/4 len. from stem	✓			
Framing in Peaks, Angle E or F	✓	6	3	44	" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓			
Diameter and Spacing of Rivets through Shell Plating	✓	3/4	5 1/2	12 3/4	" " Gussets, spacing and scantling forward 1/4 len. from stem	✓			
State if Frame Joggled	✓	No.			Tank Side Brackets, height above base line at toe of Frame and thickness	✓			
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	✓				INNER BOTTOM PLATING.				
STRENGTHENING OF BOTTOM FORWARD. State Particulars	✓				Breadth and thickness of Middle Line Strake	✓			
SINGLE BOTTOM.					Thickness of remainder in Holds	✓			
Floors, Depth and thickness at mid-line in Holds	✓	19 1/2	34		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?	✓			
Height of Brackets at side above base line at toe of frame	✓				BEAMS.				
Middle Line Keelson, on Floors, Angle, E or F	✓	6 1/2	3	40	Uppermost Continuous Deck, amidships	✓	6	3	375
" " Through Plate or Intercoastal Plate	✓	36			" " in Way of Bridge, Angle, E or F	✓			
" " Foundation Plate on Floors	✓				Spacing	✓	24		
" " Flat Plate Keel Angles	✓				Second Deck, amidships, Angle, E or F	✓			
Side Keelsons, No. each side	✓				Spacing	✓			
" " thickness of Intercoastal Plate	✓				Third Deck, amidships, Angle, E or F	✓			
" " Angles	✓				Spacing	✓			
DOUBLE BOTTOM.					Fourth Deck, amidships, Angle, E or F	✓			
Solid Floors, thickness and spacing	✓				Spacing	✓			
" " Are Frame and Reversed Frame joggled?	✓				Poop Deck, Angle, E or F	✓			
Bracket Floors, breadth and thickness at middle line	✓				Spacing	✓			
" " breadth and thickness at margin plate	✓				Bridge Deck, Angle, E or F	✓			
					Spacing	✓			
					Forecastle Deck, Angle, E or F	✓			
					Spacing	✓			

PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....		One			Stringer Plate, breadth and thickness in way of Bridge	✓			
„ in 'tween Decks, Size and Spacing.....		✓			Thickness of Plating abreast Deck openings in way of Wells	✓			
„ „ „ „ „		✓			Thickness of Plating abreast Deck openings in way of Bridge	✓			
„ in Holds „ „		3" Solid			If Sheathed, material and thickness	✓			
„ „ „ „ „		4 frame space			Third Deck.				
Long. Centre Line Bulkhead. Port Star.					Stringer Plate, breadth and thickness.....	✓			
Stiffeners and Spacing.....		4 3 44			If Plated, state thickness.....	✓			
Plating, thickness of		24" apart.			Fourth Deck.				
		32 30 28			Stringer Plate, breadth and thickness.....	✓			
STRINGERS AND DECKS.					If Plated, state thickness	✓			
Uppermost Continuous Deck.					Poop Deck.				
Stringer Plate, breadth and thickness in Wells		38 40			Stringer Plate, breadth and thickness	✓			
„ „ „ „ in way of Bridge		✓			Plating, Sheathing, material and thickness ...	✓			
„ Angle in Wells		3 1/2 x 3 1/2 x 42-38			Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Wells		3/8			Stringer Plate, breadth and thickness.....	✓			
Thickness of Plating abreast Deck openings in way of Bridge		✓			Plating, Sheathing, material and thickness ...	✓			
If Sheathed, material and thickness		2 1/2 PP			Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....	✓			
Stringer Plate, breadth and thickness in Wells...		✓			Plating, Sheathing, material and thickness ...	✓			

SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		No. of Rows of Rivets.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.	Inches.	Inches.
Garboard	40	.50	.40	.40	✓	2R	3/4	3	3R	3/4	2 5/8
Flat Plate Keel					✓						Strapped
„ DBLG. (if any)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes	50	.44	.40	.40	✓	2R	3/4	3	3R + 2R	3/4	2 5/8
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
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
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POOP SIDE PLATING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BRIDGE SIDE PLATING ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FORECASTLE SIDE PLATING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	Five
„ Deck next below.....	✓
As per Rule.....	Four

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Twelve deck		No 42.			
		32/28	6 x 3 = 34 3/8 5 1/2 x 3 = 34 3/8 30	✓	✓
			5 1/2 x 3 = 36		
			4 x 3 = 30		
			6 x 3 = 34 3/8		
		32/28	5 1/2 x 3 = 34 3/8 30	✓	✓
			5 1/2 x 3 = 36		
			4 x 3 = 30		
			6 x 3 = 34 3/8		
			5 1/2 x 3 = 36		
Holds		28	6 x 3 = 34 3/8 5 1/2 x 3 = 34 3/8 30	✓	✓
			5 1/2 x 3 = 36		
			4 x 3 = 30		
			6 x 3 = 34 3/8		
			5 1/2 x 3 = 36		
			4 x 3 = 30		
			6 x 3 = 34 3/8		
			5 1/2 x 3 = 36		
			4 x 3 = 30		
			6 x 3 = 34 3/8		
COLLISION AFTER PEAK		28/58	4 x 3 = 32 4 x 3 = 30 26	✓	✓
			4 1/2 x 3 = 32		
		28/58	4 x 3 = 30 26	✓	✓

EQUIPMENT No. 105 LETTER 105 Oct. 1924 ANCHORS.
Number of Certificate, Anchors, Weight of Stock, Test per Certificate, Weight Required by Table 53, Description of Anchor, Makers, Where and when tested and Superintendent.

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, Material, Length and Size supplied, Breaking Test of Steel Wire, Length and Size per Table 53.

Steering Gear, Steam, Steering Gear, Hand, Boats, Steering Chains, Size and Test, Windlass, Ceiling in Holds, thickness and material, Cargo Battens, thickness, material and spacing, Cargo Hatchways, Thickness of Hatches, Size of No. 1 Hatchway, Number of Shifting Beams and/or Fore and Afters.

Builder's Signature, J. Crickton & Co. Ltd., Managing Director.

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 Freeboard of 3'-1 1/2" has been assigned for the voyage to Tasmania and the masts, mizzen and cut in on the vessel's sides. The weather deck, all transverse and Burgoyne tank bulkheads have been satisfactorily tested. The vessel is fitted with a single screw and rudders forward and aft, and has been suitably loaded up and prepared for the voyage to Tasmania. The following plans are forwarded with this report: - Keelship Section, Rudder & Sternframe, Transverse W. S. Bulkheads, Main Deck Plan, Shell Expansion, Scheme of Riveting, Profile & Deck, General Arrangement as fitted for voyage to Tasmania.

The amount of Entry Fee, Fees applied for, 11 JUN 1925, Special Survey Fee, Freeboard Fee, Travelling Expenses, Damage Fee, Sunday Attendance Fee, State whether the Vessel has been built under Special Survey, Certificate to be sent to, Date of issue, I am of opinion the Vessel should be Classed 100 A - For Ferry Service, Hobart and Bellerive, Tasmania, Signature, Geo. L. Lyle, Surveyor to Lloyd's Register of Shipping.

Committee's Minute, LIVERPOOL, 18 JUN 1925, Character assigned, 100 A - For Ferry Service, Hobart & Bellerive - Tasmania, + LMC - 6.28: CL, Elec. Light.



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.)

Sister Vessel = S.S. KOONDOLLOO N: 89455 in Register Book.

Damage :- After leaving the Builders Yard, Saltnay, on the 23rd May 1928 and when between Saltnay & Connah's Quay the vessel grounded and again when leaving Connah's Quay on the 6th June for Liverpool the vessel struck ground twice in the River Dee.

Vessel was placed in the Langston Dry Dock Liverpool, the Bottom & Planks were examined cleaned & coated, about 100 shell rivets and odd caulking were hardened up.

G.P.P.

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 Vessel of 11^{1/2} Tons has been assigned for the voyage to Honam and the marks verified and cut in on the vessel's sides.

The marks deck, all transverse and longitudinal bulkheads have been satisfactorily tested.

The vessel is fitted with 12 1/2 inch mainmast and masts forward and aft and has been suitably stowed up and prepared for the voyage.

Particulars of Drop Test of 1st Bower
Cast Steel Anchors, viz. :-
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test, Location, Remarks & Stowage.

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 and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 DR. (Sd-10.5)

Official No. 212, Signal Letters Cement + Bitumastic
particulars of composition 3 0 Cement + Bitumastic 2 0

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,		✓
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 179

Date 20.2.24

Dates of Surveys held while building

1924. Oct. 24-30. Nov. 18-20. Dec. 9-30. - 1925. Jan. 6.13.20. Feb. 6.13.23.26. Mar. 3.9. April 21.30.
May 7.12.19.26. June 7.8.10.

Lloyd's Register Foundation
Total No. of Visits 25