

With or Without

STEEL STEAMER.

TUE. 4 MAY. 1924

Disconnected Erections.

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

Yes.

Date of completion of report
Survey held at

LEITH.

Date, First Survey

11-12-23.

Last Survey

No. 16,503.

1924.

On the (State if Single, Twin, or Triple Screw)

DOUBLE ENDED FERRY STR. "KOONDOOLOO" (SING. SC. EACH END) Rig

TONNAGE under

517.84

Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

517.84

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage

523.88

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES

523.88

Less Engine Room

288.13

Less Navigation Spaces

Register Tonnage

235.75

CLASS IN SYDNEY HR. N.S.W.

Breadth (greatest moulded)

35.50

Depth, at middle of length from top of keel to top of upper deck beams at side

14.00

Transverse Number

2618

Length on from fore part of stem to after part of stern post

187.00

Longitudinal Number

9256.50

Depth "d," at middle of length (See Secs. 2 & 13)

12.37

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

13.35

" " Long Bridge Deck Beam at side to top of keel

✓

Master

✓

Year of appointment

(1) As Master in service of owner of present vessel—19 ✓
(2) As Master of this vessel—19 ✓

Built at

LEITH.

When built

1924-4mo. Launched 22-3-24.

By whom built

HAWTHORN'S & CO. LD.

Owners

SYDNEY FERRIES LD.

Managers

✓

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

Residence CIRCULAR QUAY SYDNEY, N.S.W.

Port belonging to

SYDNEY, N.S.W.

Destined Voyage

SYDNEY, N.S.W.

If Surveyed while Building, Afloat, & in Dry Dock

YES.

LENGTH on	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
as per Rule	187	0	Moulded	35	6	Top of Floors to top of Upper Dk. Beams	13	1 1/2	ONE.
						Do. do. do. do. Second Dk. Beams			No. of Tiers of Beams

Dimensions of Ship per Register, Length	191.70	breadth	35.70	depth	13.10	Moulded depth, ft.	14	ins.	0	To Bridge Dk.	Round of Upper	9	ins.
						Moulded depth, ft.	14	ins.	0	To Upper Dk.	Dk. Beam, Actual		

FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
NAME, Angles, or E or L Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship	CENTRE LINE KEELSON, Vertical Plates above	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	6	3 1/2	4 1/4	" " Hold	3 dia.	3 dia.	3 dia.	" Rider Plate	✓	✓	✓
Do. in way of Double Bottoms at Solid Floors	✓	✓	✓	" " Quarter 'tween Dks.,	✓	✓	✓	" Flat Plate Keel Angles	✓	✓	✓
" " at intermdt. Bkts.	✓	✓	✓	" " in Hold	✓	✓	✓	" Horizontal Plates on Floors	✓	✓	✓
acing of Frames from centre to centre amidships	24"	24"	24"	" " "	✓	✓	✓	" " Bulb Angles	6 1/2	3	40
" " length to Collision bulkhead	✓	✓	✓	KEELSONS, Number				" " "			
" " in peaks	✓	✓	✓	" Angles or Bulb Angles				" " "			
VERSED FRAME, Angles ON FLOORS	3	2 1/2	3 1/4	" Plate above floors, for length				" " "			
Do. in way of Double Bottoms at Solid Floors	E. 3x3	3x3	3x3	" Intercostal Plate, for length				" " "			
" " at intermdt. Bkts.	B. 3x3	3x3	3x3	" Attached to outside Plating with Angle				" " "			
AMING, depth of girder	6"	6"	6"	BILGE KEELSON, Angles				" " "			
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	19 1/2	34	19 1/2	" Intercostal Plate for length				" " "			
" " in way of Engine and Boiler Spaces	E. 38	B. 44	E. 38	" Attached to outside Plating with Angle				" " "			
" " thickness at the ends of vessel	30	30	30	SIDE STRINGERS, Number				" " "			
" " depth at 1/2 the half breadth, as per Rule	LEVEL.	LEVEL.	LEVEL.	" " Angle				" " "			
" " height extended at the Bilges	✓	✓	✓	" Intercostal Plate, for length				" " "			
DOORS in Cell. Double Bottoms				" Attached to outside Plating with Angle				" " "			
" " state if flanged (top & bottom)				" " "				" " "			
" " Spacing of Solid floors				" " "				" " "			
NTRE GIRDER, in Dbl. bottom, dpth. & thcknss.				" " "				" " "			
" " Angles, Top				" " "				" " "			
" " Bottom				" " "				" " "			
" " to Floors				" " "				" " "			
" " Brackets at intermdt. frmg., wdth & thcknss				" " "				" " "			
DE GIRDERS, number on each side & thickness				" " "				" " "			
" " state if flanged (top and bottom)				" " "				" " "			
" " Angles (top and bottom)				" " "				" " "			
" " to Floors				" " "				" " "			
RGIN PLATE, depth (exclusive of flange) and thickness				" " "				" " "			
" " Angle to Outside Plating				" " "				" " "			
" " Floors				" " "				" " "			
" " Brackets at intermdt. frmg., wdth & thcknss				" " "				" " "			
Height of Outside Brackets above at bilge				" " "				" " "			
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" " "				" " "			
" " in Engine and Boiler space				" " "				" " "			
" " Remainder in Holds				" " "				" " "			
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6x3 1/2 x 375 Ang.	6x3 1/2 x 375 Ang.	6x3 1/2 x 375 Ang.	" " "				" " "			
" " In way of Long Bridge	Every frame.	Every frame.	Every frame.	" " "				" " "			
" " Spacing				" " "				" " "			
MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " "				" " "			
" " Spacing				" " "				" " "			
MS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " "				" " "			
" " Angles on upper edge				" " "				" " "			
" " Spacing				" " "				" " "			
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " "				" " "			
" " Angles on upper edge				" " "				" " "			
" " Spacing				" " "				" " "			
MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " "				" " "			
" " Angles on upper edge				" " "				" " "			
" " Spacing				" " "				" " "			
MS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " "				" " "			
" " Angles on upper edge				" " "				" " "			
" " Spacing				" " "				" " "			

WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule, Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing						KEEL, Bar, depth and thickness	<i>Pulled bars</i>	$7\frac{1}{2} \times 1\frac{3}{8}$	7×2
" " " brdth. & thickness						STEM, moulding and thickness		<i>none</i>	<i>none</i>
" No. of Side Stringers " "						STERN-POST for Rudder do. do.		$5\frac{3}{4} \times 4$	$5\frac{3}{4} \times 4$
WEB-FRAMES, In E. & B. Space, No. & spacing						for Propeller	<i>Two.</i>	$6\frac{1}{2} \times 4$	$6\frac{1}{2} \times 4$
" " " brdth. & thickness						RUDDERS $A \times D$ Table 22. Speed		\checkmark	\checkmark
" " " brdth. & thickness						" Main-Piece, diameter at head		5.	5.
" No. of Side Stringers " "						" " " at heel		$3\frac{3}{4}$	$3\frac{3}{4}$
" Size of Face Angles to Web-Frames.....									
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....									

BULKHEADS.	Number. Vessel.	Per Rule.	Thickness. Inches.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
				Horizontal. Size. Spacing. Inches.		Vertical. Size. Spacing. Inches.			
W.T.BULKHEADS	5.	4.							
No. 27. 4x. + 66	3.	3.	.28	\checkmark	\checkmark	$5\frac{1}{2} \times 34$	30	Sing.	up. 15R.
" COLLISION "	1 each end.	1 each end.	.58. 28	\checkmark	\checkmark	$5\frac{1}{2} \times 34$	24	Sing.	up. 15R.
PARTITION "	1913.	\checkmark	.32. 28	\checkmark	\checkmark	$4 \times 3 \times 44$	24	Boundary Ang.	$3 \times 3 \times 44$
LONGITUDINAL.									

Are the outside Plates doubled two spaces of Frames in length? *Liners fitted.*

Are the *DRAIN COCKS* and Watertight Doors in efficient working order? *Yes.*

RUDDERS	How constructed	<i>Forged mainpiece & arms.</i>
"	Thickness of Plating Single Plate	<i>.75</i>
"	Can the Rudder be unshipped afloat?	<i>Yes.</i>

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?

Open hearth process.

Steel Co. of Scotland Ltd.

Has the Steel been tested as required by the Rules? *Yes.*

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES. Ordinary or joggled?		BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.	Breadth. Inches.	Thickness. Inches.			Diam. Inches.	Spacing or to cr. Inches.		Diam. Inches.	Spacing or to cr. Inches.	Breadth. Inches.	Thickness. Inches.	Breadth. Inches.	For what Length. Feet.
Bar Keel.....	<i>33'</i>	<i>.50</i>	<i>.46</i>	<i>.46</i>	<i>33'</i>	<i>.50</i>	<i>Double.</i>	<i>7'</i>	<i>1</i>	<i>5</i>	\checkmark	<i>3/4</i>	<i>2 5/8</i>	<i>1 1/4</i>	<i>.625</i>	\checkmark	\checkmark
GARBOARD or A Strake	<i>50.</i>	<i>.44</i>	<i>.40</i>	<i>.40</i>	<i>50</i>	<i>.44</i>	\checkmark	\checkmark	\checkmark	\checkmark	<i>Treb. F+A.</i>	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
State actual thickness in way of Double Bottom.	<i>61</i>	\checkmark	\checkmark	\checkmark	<i>61</i>	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Sheerstrake.	<i>39</i>	<i>.50</i>	<i>.38</i>	<i>.38</i>	<i>39</i>	<i>.50</i>	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	<i>.60</i>	\checkmark	\checkmark
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Upper Deck	Butts, <i>Treb.</i> riveted for <i>half</i> length amidship.	Butts of Side Stringers	\checkmark	riveted.
Stringer Plate	Straps, single, double or overlapped for <i>whole</i> length amidship.	" Tie Plates	\checkmark	riveted.
Second Deck	Butts, \checkmark riveted for \checkmark length amidship.	Inner Bottom Plating, riveting of Edges	\checkmark	Butts \checkmark
Stringer Plate	Straps, single or overlapped for \checkmark length amidship.	Centre Girder Butts, \checkmark riveted.	\checkmark	Keelson Butts, \checkmark riveted.
		Frames, riveted through Plates with \checkmark in. Rivets, about \checkmark apart.		
		Rivets, state whether Iron or Steel <i>Iron.</i>		

FRAMES extend in one length from *C.K. to long. blk. and from long. blk. to deck.* State if ordinary or joggled *Joggled.*

REVERSED FRAMES on floors ~~and frames~~ extend *across Vessel.* State if ordinary or joggled *Ordinary.*

MASTS, SPARS, &c.	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore										
	Main										
	Mizen.....										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails.	Suit of										

EQUIPMENT No.			ANCHORS.			TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS		
Number of Certificate.	Weight, Ex. Stock	Weight of Stock	Test, per Certificate	Weight Required by Table 31.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
1st Bower ...	15 0 0	13 2 9	Stockless, Secondhand, for Voyage only. No Certificate.					
2nd " ...			" " " " " " " " " " " "					
3rd " ...								
4th " ...								
Collective weight.	28 2 9							
Stream								
Kedge.....	3 3 12		Ordinary, for Voyage only, No Certificate.					

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

1st Bower
2nd "
3rd "
4th "

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE		Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	180	1 3/8	2nd Link, Secondhand, for Voyage only. No Certificate.								60	5	Manilla.	60	5
Iron Stream Chain =	60	5/8	Short Link, for Voyage only, No Certificate.												

Boats 2 lifeboats, wood.

Pumps, Number

Windlass is

Engine Room Skylights.—How constructed?

Coal Bunker Openings.—How constructed?

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material

Cargo Hatchways.—How formed?

State size No. 1 Hatch (Forward)

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

Bulwarks, height above deck and description

The foregoing is a correct description.

Builder's Signature (here only)

(Two Steering Gear Steam & hand Comb. Steering Gear, Hand by R. Rodger Sons Ltd.)
Diameter of Barrel. State whether they are in efficient working order
Capstan None.
What arrangements for deadlights in bad weather? Boarded up for Voyage.
Height above deck? Flush.
Cargo Battens, thickness and material None.
Hatches, If strong and efficient? Yes.
No. 2 Hatch Yes.
No. 3 Hatch Yes.
No. 4 Hatch Yes.
No. of Breasthooks None.
No. of Crutches None.
Main Rail, material and size 3x2 1/2 x 3/8 with teak rail 6x3. Stays 3x2 1/2 x 3/8.
Surveyor's Signature Robt. Cheetham.
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

Workmanship. Are the butts of plating planed or otherwise fitted? Planed.

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? Frames joggled.

to plate, &c., conform well to each other? Yes. Do the holes for riveting plate to frames, butt straps, or plate

from the faying surfaces? Yes. Are the rivet holes well and sufficiently countersunk in the plate and punched

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes. Shell & Sk. Stringer Strapped. Sk. plating overlapped.

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests Satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests Satisfactory.

General Remarks (State quality of workmanship, &c.)

This Vessel has been built in accordance with the approved plans; and in general conformity with the rules. The workmanship and materials are good.

The approved plans and forging report are forwarded herewith.

The sanction of the Owners that the Vessel might be constructed under the revised Rules has been obtained.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

Freeboard.	# - 0 - 0	Fees applied for,			
The amount of Entry Fee	£ 4 : 0 : 0	5-5-1924.	Hull	Survey. Feith	
Special Survey Fee....	£ 52 : 8 : 0	Received by me,	4 Inch Certificate sent to	Builder.	Date of issue 19/5/24
Travelling Expenses, if any £	: ✓ :	19-5-24			
State whether the Vessel has been built under Special Survey	Yes.				
I am of opinion this Vessel should be Classed	+100A -	for ferry service in Sydney Har. N.S.W.		Robt. Cheetham.	
With, or without Freeboard, as condition of Class	(With freeboard for Voyage only.)			Surveyor to Lloyd's Register of Shipping.	

Committee's Minute

Character assigned

100A -
for ferry service in Sydney Harbour, N.S.W.
FRI. MAY. 9 1924

+ Lmb. 4.24
C.L.

GENERAL REMARKS—(continued).

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

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 1. Pl. Steel, wood sheathed.

{ Official No. None assigned; Signal Letters ☒ State if Machinery is fitted aft Machy. Amships.
 { Provisional Cert. granted by B.D.T. How are the surfaces preserved from oxidation? Inside Cement and paint. Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

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.)		

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

State whether the above have been tested as required by the Rules as per requir. and found satisfactory. Non ballast Peaks test

Order for Special Survey No. 1127.
 Date 17-12-23.
 No. 187 in builder's yard.
 DATES of Surveys held while building
 1923. Dec. 11, 13, 19, 25. 1924. Jan. 8, 16, 22, 30. Feb. 6, 12, 21, 28. Mar. 5, 10, 13, 18, 22, 27.
 Apr. 3, 9, 16, 21, 23, 24, 25, 26, 29.

Surveyor's Signature

Robt. Cheetham.