

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 32043

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

Port of Glasgow Date of completion of Report 12. 11. 12 Received at London Office WED. NOV. 27 1912

Survey held at Glasgow Date, First Survey 20. 9. 11 Last Survey 6. 11. 1912

On the Steamer Indarra Rig Schooner

CLASS +100 A1 Awning Deck with freeboard Master M. M. Osborne

TONNAGE under Tonnage Deck 5693.48 Breadth (greatest moulded) 60 Year of Appointment 1900

Do. between Tonnage Dk and 1199.40 Depth at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 10.8 Built at Glasgow

Total under Upper Dk 7492.88 Product (height of 'tween deck when this does not exceed 8ft. 8 When built 1912 Launched 1st July 1912

Do. of Poop 1043.15 Transverse Number 92 By whom built William Bennis & Co

Do. of Bridge House 69.65 Length on Deck from fore part of stem to after part of sternpost 450 Owners Australasian United Steam Navigation Co. Ltd

Do. of Forecastle 1118.98 Longitudinal Number 41400 Managers —

Do. of Houses on Deck 110.33 Depth "d" at middle of length. See Secs. 2 & 13 20.16 Residence London E.C.

Do. of excess of Hatchways 117.86 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.2 Port belonging to Fremantle

Do. above Crown of Engine Room 9734.99 Deck at side to top of keel 14.0

Gross Tonnage 9734.99 Destined Voyage Fremantle If Surveyed while Building, Afloat, or in Dry Dock yes

Less Crew Space 451.17

Less above Crown of Engine Room 9283.82

TONNAGE FOR FEES 3115.20

Less Engine Room 117.86

Less Navigation Spaces 451.17

Register Tonnage 6050.76

as cut on Beam 6050.76

LENGTH on Deck as per Rule	BREADTH Moulded	DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams do. Upper Deck Beams	No. of Decks with flat laid 3rd No. of Tiers of Beams
450 0	60 0	37 5	29 5

Dimensions of Ship per Register, Length 451 breadth 60.1 depth 12.45		Awn. or Shelter Dk. Moulded depth, ft. 40 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 15 ins.	
Length 451 breadth 60.1 depth 12.45		Upper Deck. Moulded depth, ft. 32 ins. 0 To Upper Dk.	

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
FRAME, Angles or Bars, amidships	11 1/2	3 1/2	6	11 1/2 3 1/2 6	PILLARS, In 'tween Deck, size and spacing	Two rows of widely spaced pillars & girders			
Do. in peaks	7	3 1/2	4	7 3 1/2 4	" " Hold	according to length of pillars on all frames			
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2 3 1/2 4 1/2	" Quarter, 'tween Dks., " " in Hold				
" " at intermdt. Bkts.									
Spacing of Frames from centre to centre amidships	27 1/2			27 1/2	KEELSONS AND STRINGERS.				
" length to collision bulkhead	27			27	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
" of Frames from centre to centre in peaks	24			24	" Rider Plate				
REVERSED FRAME, Angles in peaks	3 1/2	3 1/2	4 1/2	3 1/2 3 1/2 4 1/2	" Flat Keel Plate Angles				
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2 3 1/2 4 1/2	" Horizontal Plates on Floors				
" " at intermdt. Bkts.					" Angles or Bulb Angles				
FRAMING, depth of girder					SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships					" Angles or Bulb Angles				
" in way of Engine and Boiler spaces					" Plate above floors, for length				
" thickness at the ends of vessel					" Intercoastal Plate, for length				
" depth at 1/2 the half-bdth. as per Rule					" Attached to outside plating with Angle				
" height extended at the Bilges					BILGE KEELSON, Angles				
FLOORS & BRACKETS, in Cell Dble Bottoms	46	42	46	42	" Intercoastal Plate, for length				
" state if flanged (top & bottom)	no		no		" Attached to outside plating with Angle				
" spacing	27 1/2		27 1/2		SIDE STRINGERS, Number				
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss	46	56	46	56	" Angle	7	3 1/2	5 1/2	7 3 1/2 5 1/2
" Angles, Top	3 1/2	2 1/2	5 1/2	3 1/2 2 1/2 5 1/2	" Intercoastal Plate, for full lng.			46	
" Bottom	5	5	6	5 5 6	" Attached to outside plating with Angle			3 1/2	3 1/2 4 1/2 3 1/2 4 1/2
" to Floors	3 1/2	3 1/2	4 1/2	3 1/2 3 1/2 4 1/2					
SIDE GIRDERS, number and thickness	two	46	two	46	Awning or Shelter Deck Stringer Plates, breadth and thickness	63	62	63	62
" state if flanged (top & bottom)	no		no		" Angle on ditto	54 5	64	54 5	64
" Angles	3 1/2	3 1/2	4 1/2	3 1/2 3 1/2 4 1/2	" Tie Plates, fore and aft, outside Hatchways				
MARGIN PLATE, depth (exclusive of flange) and thickness	38	5	38	5	" Deck, * Iron or Steel, for full lng.		46		46
" Angles to outside plating	4	4	5	4 4 5	" Wood Deck, Material & thickness	2 1/2		2 1/2	
" to floors	3 1/2	3 1/2	4 1/2	3 1/2 3 1/2 4 1/2	Upper Deck Stringer Plate, breadth and thickness	49	51	49	5
" Height of Brackets above at bilge	28		28		" Angles on ditto, No. two	48 4	51	48 4	5
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	46	54	46	54	" Tie Plates, outside Hatchways				
" thickness in Engine and Boiler space	5	5	8	5 5 8	" Deck, * Iron or Steel, for full lng.		41		41
" Remainder in Holds		42		42	" Wood Deck, Material & thickness	2 1/2		2 1/2	
BEAMS, Awng or Shldr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	56	11 3 1/2 56	Second Deck Stringer Plates, br'dth & thickn's	49	36	49	36
" Angles on upper edge					" Angles on ditto, No. one	48 4	51	48 4	5
" Spacing	55		55		" Tie Plates, outside Hatchways				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	60	11 3 1/2 60	" Deck, * Material and thickness	wood 3 P.P. at aft end			
" Angles on upper edge					Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	49	54	49	44
" Spacing	55		55		" Angles on ditto, No. one	48 4	50	48 4	50
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	5	9 3 1/2 5	" Tie Plates, outside Hatchways	18	44	18	44
" Angles on upper edge					" Deck, Material and thickness	P.P.	3		3
" Spacing	27 1/2		27 1/2		Poop Deck Stringer Plate, breadth & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	12	6 1/2	64	12 6 1/2 64	" Angles on ditto				
" Angles on upper edge					" Tie Plates				
" Spacing	55		55		" Deck, Material and thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	56	11 3 1/2 56	Bridge Deck Stringer Plate, br'dth & thickness	59	54	59	54
" Angles on upper edge					" Angle on ditto	54 5	64	54 5	64
" Spacing	55		55		" Tie Plates		42		42
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	12	3 1/2	56	10 1/2 3 1/2 56	" Deck, Material and thickness	2 1/2		2 1/2	
" Angles on upper edge					Forecastle Deck Stringer Plate, br'dth & th kns	37	36	37	36
" Spacing	54	48	54	48	" Angle on ditto	32 1/2	36	32 1/2	36
					" Tie Plates	10	36	10	36
					" Deck, Material and thickness	2 1/2		2 1/2	

WEB FRAMES.				FORGINGS or CASTINGS.			
				Inches in Ship.			
				Inches per Rule, Or as Approved.			
WEB-FRAMES, In Fore Body, No. and spacing				Flat plate - heel Rubbing			
" " " " brdth. & thickness				KEEL, Bar, depth and thickness			
" " " " No. of Side Stringers				STEM, moulding and thickness			
WEB-FRAMES, In E. & B. Space, No. & spacing				STERN-POST for Rudder do. do.			
" " " " brdth. & thickness				" " " " for Propeller			
WEB-FRAMES, In After Body, No. and spacing				RUDDER-A x D° Table 22. Speed 15			
" " " " brdth. & thickness				" Main-Piece, diameter at head			
" " " " No. of Side Stringers				" " " " at heel			
" " " " Size of Face Angles to Web-Frames							
BRACKET PLATES to Stringers between							
Web Frames, depth and thickness							
BULKHEADS.				RUDDER, how constructed			
Number, Thickness, Horizontal, Vertical, Single or Double Frames, Height up.				Single plate, forged frame			
W.T. BULKHEADS				Thickness of Plates Single Plate			
COLLISION PARTITION LONGITUDINAL				Can the Rudder be unshipped afloat?			
Are the outside Plates doubled two spaces of Frames in length?				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.?			
Are the Staircase Valves and Watertight Doors in efficient working order?				The Steel Company of Scotland Ltd David Colville & Son Ltd The Lanarkshire Steel Co. Ltd			
Has the Steel been tested as required by the Rules?				yes			
PLATING.				RIVETING.			
STRAKES.				EDGES.			
AS IN SHIP.				Ordinary or joggled?			
PER RULE OR AS APPROVED.				BUTTS.			
AMIDSHIP.				Double or Treble and for what Length.			
RIVETS.				STRAPS.			
IF LAPPED.							
FLAT PLATE KEEL				bouble 6 3/4 1 3 3/4			
GARBOARD or A Strake				quad 1 1 4			
B "				quad 1 1 4			
C "				quad 1 1 4			
D "				quad 1 1 4			
E "				quad 1 1 4			
F "				quad 1 1 4			
G "				quad 1 1 4			
H "				quad 1 1 4			
J "				quad 1 1 4			
K "				quad 1 1 4			
L "				quad 1 1 4			
M "				quad 1 1 4			
N "				quad 1 1 4			
O "				quad 1 1 4			
P "				quad 1 1 4			
Q "				quad 1 1 4			
R "				quad 1 1 4			
S "				quad 1 1 4			
T "				quad 1 1 4			
U "				quad 1 1 4			
V "				quad 1 1 4			
W "				quad 1 1 4			
THICKNESS OF SHEER STRAKE				bouble 6 1 3 3/4			
CLEAR OF LONG BRIDGE				quad 1 1 4			
DO. OF STRAKE BELOW				quad 1 1 4			
DBLG. of Flat Plate Keel				quad 1 1 4			
" Sheerstrakes				quad 1 1 4			
Length and thickness.				quad 1 1 4			
POOP SIDES				quad 1 1 4			
SHORT BRIDGE SIDES				quad 1 1 4			
FORECASTLE SIDES				quad 1 1 4			
Awning or Shelter Deck				Butts, quad riveted for half length amidship.			
Stringer Plate				Straps, single, double or overlapped for full length amidship.			
Upper Deck				Butts, treble riveted for full length amidship.			
Stringer Plate				Straps, single or overlapped for full length amidship.			
Butts of Side Stringers				treble riveted.			
Tie Plates				double riveted.			
Inner Bottom Plating, riveting of Edges				double and single Butts single			
Centre Girder Butts, treble riveted				Keelson Butts, riveted.			
Frames, riveted through Plates with				1 in. Rivets, about 7 apart.			
Rivets, state whether Iron or Steel				Iron			
FRAMES extend in one length from				centre line to margin, then to after deck, and to after			
REVERSED FRAMES on floors and frames extend from				centre line to margin, double in engine room and under			
boiler beams, in peaks all to after deck and alternately				to forecastle in way of frame			
MASTS, SPARS, &c.							
Material, Total Length, Diameter and Thickness, No. of Plates in round, ANGLES, Riveting.							
Fore Mast				Steel 118 7 30 x 2 29 x 10 25 x 2 9 x 5			
Main Mast				Steel 102 6 30 x 2 29 x 10 25 x 2 9 x 5			
Mizen Mast				Steel 102 6 30 x 2 29 x 10 25 x 2 9 x 5			
Bowsprit							
Topmasts, Yards and Remainder of Spars							
Rigging, Material and Size, Shrouds				Galvanized steel wire 4 13			
Stays				Galvanized steel wire 4 13			
Sails, Suit of				Sails, and the following spare sails			

EQUIPMENT No. 47962 LETTER L +

ANCHORS.

Number of Certificate.	Anchors	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
X 67599	1st Bower	82	0	2	Stockless			60	0	0	0	81	1	0	Halls (cast steel head)	M. Hingley, 12m. Metherton	8/6/12 Green
X 67590	2nd "	81	0	12	Stockless			59	10	0	0	81	0	0	Halls (cast steel head)	M. Hingley, 12m. Metherton	5/6/12 Green
X 67601	3rd "	70	1	19	Stockless			54	0	0	0	69	3	0	Halls (cast steel head)	M. Hingley, 12m. Metherton	8/6/12 Green
	Collector weight	233	2	5								232	0	0			
67591	Stream	24	1	18	6	1	20	24	6	1	0	23	2	0	Rodgers	M. Hingley, 12m. Metherton	6/6/12 Green
67600	Kedge	11	1	12	2	3	11	13	5	0	0	11	0	0	Rodgers	M. Hingley, 12m. Metherton	8/6/12 Green

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and Size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms 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.	Fathoms and size per Table 31.	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
46947	150.	2 1/2	112 1/2	157 1/2	471.2.27	300	2 1/2	Stud link	M. Hingley, 12m. Metherton	8/6/12 Green	130.	6	85	130.	6
46940	150	2 1/2	112 1/2	157 1/2	472.2.15	300	2 1/2	Stud link	M. Hingley, 12m. Metherton	5/6/12 Green	100	8	100	100	8
											100	8	100	100	8
											100	8	100	100	8
											100	8	100	100	8
											120	4 3/4	47		
											90	3 3/4	29		
											180	8 1/2	122		

Twenty

Steering Gear, Steam Hatched

Steering Gear, Hand Hatched

aps, Number Eight at 5 1/2 and two at 3 1/2

Diameter of Barrel 5 1/2 1 3/2 State whether they are in efficient working order

Class is Clarke Chapman, 16 ft

Capstan Clarke Chapman, 16 ft

Room Skylights.—How constructed? Steel plates, 1 angle

What arrangements for deadlights in bad weather? Seal flaps

Bunker Openings.—How constructed? Door in shell

How are lids secured? —

Height above deck? —

ber of Scuppers, and numbers and dimensions of Freeing Ports, &c. 10 scupper each side, 4 freeing ports 2. 9 X 1.6 in. from well

Cargo Battsens, thickness and material 1 1/2 PP under hatches and over lumber

Hatches, If strong and efficient? Yes

ing in Holds, thickness and material 2 1/2 PP under hatches and over lumber

Hatches, If strong and efficient? Yes

go Hatchways.—How formed? Plates and angles

Hatches, If strong and efficient? Yes

size No. 1 Hatch (Forward) 15 - 9 X 18 - 0 No. 2 Hatch 16 - 0 1/2 X 18 - 0 No. 3 Hatch 16 - 0 1/2 X 18 - 0 No. 4 Hatch

Hatches, If strong and efficient? Yes

ber of Web Plates, Shifting Beams and Fore and Afters to each Hatch Three web plates to each hatch, 2 in.

Hatches, If strong and efficient? Yes

ore and afters at any of the hatches No. of Breasthooks 2

No. of Crutches 2

works, height above deck and description 3. 9 Steel plate

Main Rail and Stays, material and size 8 X 3 teak

foregoing is a correct description.

Surveyor's Signature

Surveyor to Lloyd's Register of British and Foreign Shipping.

der's Signature (here only) W. Denny, D. Denny

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) 22/8/11 (M) 2/9/11 (M)

(M) 6/7/11 (M) 27/9/11 (M) 9/10/11 (M) 26/10/11 (M) 10/11/11 (M) 23/11/11 (M) 2/12/11 (M) 15/12/11 (M) 23/12/11 (M) 14/1/12 (M) 2/3/12 (M)

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

8/3/12 (E) 2/9/12 (M)

he riveted work properly closed? yes

the liners between the frames and plates solid single pieces? yes

Do the holes for riveting plate to frames, butt straps, or plate

to plate, &c., conform well to each other? yes

Are the rivet holes well and sufficiently countersunk in the plate and punched

from the faying surfaces? yes

Do any rivets break into or through the seams or butts of the plating? a few

the butts of Plating, Stringers, &c., properly shifted and strapped? yes

re all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes

State results of tests satisfactory

re 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.) workmanship good.

his vessel has been built in accordance with the approved plan, the Secretary

ters of the above dates, and in general conformity to the Rules for

the class contemplated.

Before the vessel ran trials it was placed in dry dock, when the

otton and rudder were examined and found in good order, and

recoated.

Plans 7 Forging forms

The Surveyor should state the Number of Report and Name of any Sister Vessel.

amount of Entry Fee	£ 5	Fees applied for,	11. 11. 1912
Special Survey Fee	£ 257. 2	Received by me,	12. 11. 1912
Travelling Expenses, if any	£		

Certificate to be sent to Glasgow Date of issue 28/11/12

te whether the Vessel has been built under Special Survey yes

m of opinion this Vessel should be Classed + 100A1 Arriving Dec.

Surveyor to Lloyd's Register of British and Foreign Shipping.

th, or without Freeboard, as condition of Class with

Committee's Minute

Character assigned + 100A1

Arriving Dec. with fbd 5.12.12

11.12.

Lloyd's A & CP

+ L.M.C. 11.12.

70

The Surveyors are requested not to write on or below the Committee's Minute.



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Lloyd's Register Foundation

WEB FR

WEB-FRAMES, 10

No.

WEB-FRAM

WEB-FRAM

No.

Size of

BRACKET

Web Fram

BULKHEAD

W.T.BULKHEAD

COLLISION

PARTITION

LONGITUD

Are the out

Are the Sta

STE

FLAT PL

GARBOARD

State act

thickness

way of Dou

Bottom

Write "Auntie or Shutter Deck" "Shower Strake" opposite its corresponding letter.

Awning

Deck at

Bridge

Deck at

TH'KNES

CLEAR OF

Do. of

DBLG. of

Length

POOP SID

SHORT BI

FORECAST

Awning

Shelter

Stringer

Upper

Stringer

FRAMES

REVER

Boiler

Bow

Top

Rigging

Sails

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 4 ft., R.Q.D. 4 ft., Bridge 215 ft., Forecastle 51 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated 4 on running deck

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 it should appear in the Register Book) 2 DECKS (U. STEEL), 2ND DE. PART STL. ORLOP DECK, AFT AND IN HOLD, STL. RANING DECK (STL-TEAK S) Official No. 165; Signal Letters. State if Machinery is fitted aft on How are the surfaces preserved from oxidation? Inside Paint and cement Outside Paint

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Feet.	Tons.	Feet.	Tons.	Feet.	Tons.
Double bottom, aft,	64	75	Fore peak tank,	23	122
Double bottom, under Engines and Boilers,	45	140	After peak tank,	18	73
Double bottom, if under Engines only,	106	385	Deep tank, aft,		
Double bottom, if under Boilers only,	165	376	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. Yes

Order for Special Survey No. 4596
Date 30. 8. 11.
No. 966 in builder's yard.
DATES of Surveys held while building
1911 Sept. 20. 23. 26. Oct. 3. 4. 13. 16. 18. 20. Nov. 1. 3. 13. 20. 22. 30. Dec. 6. 8. 11. 15. 20. 22. 28.
1912. Jan. 13. 14. 23. 29. Feb. 3. 13. 23. 26. March 4. 8. 14. 18. 26. 29. April 3. 5. 9. 11. 18. 25.
May 1. 3. 7. 9. 10. 14. 17. 22. 24. 29. 31. June 4. 7. 11. 13. 18. 21. 24. 27. July 1. 4. 10. 25. 29.
31. Aug. 6. 7. 16. 19. 23. 28. 30. Sept. 4. 9. 11. 24. 27. Oct. 3. 4. 7. 8. 12. 17. 22. 25. 26. 31.
Nov. 1. 6.
Total No. of Visits 92

Surveyor's Signature

Ger. M. Shaw.

Lloyd's Register Foundation