

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 14134.

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

TUES. 29 NOV 1904

Port of GREENOCK Date of completion of Report 25<sup>th</sup> November 1904 Received at London OfficeSurvey held at PORT GLASGOW Date, First Survey 25<sup>th</sup> February 1904 Last Survey 19<sup>th</sup> November 1904

On the STEEL SCREW STEAMER

VENNACHAR

Rig SCHOONER

TONNAGE under Tonnage Deck 4022.52

Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.

Total under Upper Dk. 4022.52

Do. of Poop 126.03

Do. of Bridge House

Do. of Forecasts 72.27

Do. of Houses on Deck 120.91

Do. of excess of Hatchways 36.75

above Crown of Engine Room 38.92

s Tonnage 4417.40

Crew Space 129.33

above Crown of Engine Room 38.92

AGE FOR FEES 4249.15

Engine Room 1413.57

Navigation Spaces 26.67

ster Tonnage 2847.83

out on Beam

SPAR, ~~AWNING OR PART AWNING~~-DECKED VESSEL, or a Vessel having a continuous Shade Deck.

CLASS 100.A.1. SPAR DECK

FEET.

Half Breadth (moulded) 24.79

Depth, from upper part of keel to top of Main Deck Beams 22.68

Girth of Half Midship Frame (as per Rule) 43.51

1st Number 90.98

Length 368

2nd Number 33480

Proportions—Breadths to Length 7.42

Depths to Length—Main Deck to top of Keel 16.22

Master J.R. GORDON

Year of Appointment

(1) As Master in service of owner of present vessel: 1904  
(2) As Master of this vessel: 1904

Built at PORT GLASGOW

When built 1904 Launched 29<sup>th</sup> Sept. 1904

By whom built RUSSELL &amp; CO

Owners THE VENNACHAR STEAMSHIP COMPANY LIMITED

Managers GOW HARRISON &amp; CO

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

Residence 45 PENFIELD STREET GLASGOW

Port belonging to GLASGOW

Destined Voyage FREMANTLE VIA ADELAIDE AND Surveyed while Building, Afloat, or in Dry Dock

Length on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	Two
per Rule	368	0	Moulded	49	7	Do. do. Main Deck Beams	27	19	0	0	No. of Tiers of Beams	Two

Dimensions of Ship per Register, Length 369.75 breadth 49.8 depth 27.0 Spar or Awning Dk. Moulded depth, ft. 21 ins. 8 3/4 To Main Dk. Round up of Beam, Main Dk. 12 ins.

## FRAMING.

## FORGINGS AND CASTINGS.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule.	Inches per Rule.	20ths per Rule.
ME, Angles, or Bars, for 1/2 length amidships	5 1/2	3 1/2	9	5 1/2	3 1/2	9
do. for 1/2 at each end	5 1/2	3 1/2	8	5 1/2	3 1/2	8
do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8-7	3 1/2	3 1/2	8-7
at intermdt. Bkts.						
ance "of Frames from moulding edge to building edge, all fore and aft	24			24		
VERSED FRAME, Angles	7 1/2	3	10-9	7 1/2	3 1/2	9-8
EP FRAMING, depth of girder	10			10		
ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						
in way of Engines and Boilers						
thickness at the ends of vessel						
depth at 1/2 the half bath as per Rule						
height extended at the Bilges						
ORS & BRACKETS, in Cell Dble Bottoms Distance apart	44	8		44	8	
TRE GIRDER, in Double bottom, depth and thickness	44	11		44	11	
Angles, Top	4	4	9	4	4	9
Bottom	4 1/2	4 1/2	11	4 1/2	4 1/2	11
GIRDERS, number and thickness	Two	9	Two	9		
Angles						
GIN PLATE, depth (exclusive of flange) and thickness	35	10		35	10	
Angles						
IR BOTTOM PLATING, breadth and thickness of Middle Line Strake	54	10		36	10	
thickness in Engine and Boiler space	20	16		20	16	
Remainder in Holds	8-7			8-7		
MS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	11	11		11	11	
Angles on upper edge	12	12		12	12	
Average space	3 1/2	3 1/2	8	3 1/2	3 1/2	8
MS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	12	13		12	13	
Angles on upper edge	3 1/2	3 1/2	10	3 1/2	3 1/2	10
Average space	48			48		
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on upper edge						
Average space						
MS, Hold, or Orlop, Plate or Tee Bulb						
Angles on upper edge						
Average space						
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	3 1/2	12	9	3 1/2	12
Angles on upper edge						
Average space	48			48		
MS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	10	3 1/2	13	10	3 1/2	13
Angles on upper edge						
Average space	48			48		
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	7		9	7	
Angles on upper edge	3	3	7	3	3	7
Average space	48			48		
PILLARS, In tween Deck, size and spacing	3	48		3	48	
Hold INCREASED AT ENDS	54	48		54	48	
Quarter, tween Dks.						
in Hold						
WEB FRAMES, In Fore Body, No. and spacing	ONE			ONE		
No. of Side Stringers	36	9		36	9	
WEB FRAMES, In E. & B. Space, No. & spacing	ONE			ONE		
brdth. & thickness	72	8		72	8	
WEB FRAMES, In After Body, No. and spacing	ONE			ONE		
brdth. & thickness	4	3 1/2	8	4	3 1/2	8
No. of Side Stringers						
Size of Angles or Tee Bars to Web Frames						
BRACKET PLATES to Stringers between Web Frames, depth and thickness						

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule.	Inches per Rule.	20ths per Rule.
KEEL, Bar or Side Plates, depth and thickness	12	2 1/2		11	2 1/2	
STEM, moulding and thickness	11	6 3/4		11	6 3/4	
STERN-POST for Rudder do. do.	11	6 3/4		11	6 3/4	
for Propeller	9 1/2			9 1/2		
MAIN PIECE of Rudder, diameter at head do. at heel	7 1/4			7 1/4		
RUDDER, how constructed BUILT IRON FRAME AND SINGLE PLATE Can the Rudder be unshipped afloat?						YES.
KEELSONS AND STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
Rider Plate						
Bulb Plate to Intercoastal Keelson						
Horizontal Plates on Floors						
Angles						
SIDE KEELSON, Angles						
Bulb or Plate above floors, for lng.						
Intercoastal Plate, for length						
Attached to outside plating with Angle						
BILGE KEELSON, Angles, RT. & LHS.	6 1/2	4	11	6 1/2	4	11
Bulb or Plate above floors, for lng.						
Intercoastal Plate, for length						
Attached to outside plating with Angle	3 1/2	3 1/2	8	3 1/2	3 1/2	8
1-BILGE STRINGER Angles, SINGLE	6 1/2	4	12-11	6 1/2	4	12-11
Bulb Plate, for length						
Intercoastal Plate, for WHOLE length						
Attached to outside plating with Angle	3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8
2-SIDE STRINGER Angles, SINGLE	6 1/2	4	12-11	6 1/2	4	12-11
Bulb or Intercoastal Plate, for WHOLE lng.						
Attached to outside plating with Angle	3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8
Spar, or Awning Deck Stringer Plates, breadth and thickness	57	11		57	11	
Angle on ditto	4	4	9	4	4	9
Tie Plates, fore and aft, outside Hatchways						
Diagonal Tie Plates, No. of prs.						
Deck, Iron or Steel, for WHOLE lng.						
Wood Deck, Material & thickness						
Main Deck Stringer Plate, breadth & thickness	57	10		57	10	
Angles on ditto, No. TWO	4	4	9	4	4	9
Tie Plates, outside Hatchways						
Diagonal Tie Plates, No. of prs.						
Deck, Iron or Steel, for WHOLE lng.						
Wood Deck, Material & thickness						
Lower Deck Stringer Plates, br'dth & thickn's						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Deck, Material and thickness						
Hold, or Orlop Stringer Plate, br'dth & thickn's						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Deck, Material and thickness						
Poop Deck Stringer Plate, breadth & thickness	30	7		30	7	
Angles on ditto	3	3	7	3	3	7
Tie Plates						
Deck, Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness	42	8		42	8	
Angle on ditto	3 1/2	3 1/2	8	3 1/2	3 1/2	8
Tie Plates						
Deck, Material and thickness						
Forecastle Deck Stringer Plate, br'dth & th'kns	30	7		30	7	
Angle on ditto	3	3	7	3	3	7
Tie Plates						
Deck, Material and thickness						

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.		Thickness.	STIFFENERS.			Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Spacing.		
W. T. BULKHEADS	6	6	7-6	SEMI. BOX	8	3	20	SPAR DECK
PARTITION				BEAM	8	A		
LONGITUDINAL								

Are the outside Plates doubled two spaces of Frames in length? YES AND EFFICIENT BRACKETS



PLATING.										RIVETING.											
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.						
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		Breadth of Lap.		RIVETS.		Double or Treble and for what Length.		BUTTS.		IF LAPPED.	
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	36	20	13	13	36	20	13	36	20	DOUBLE	6	1	4	1	3 1/2	14	WHOLE				
GARBOARD OF A STRAKE	48	15	12	12	48	15	12	48	15	"	6-5 1/4	1-7/8	4-3/8	1	3 1/2	10 1/2	"				
B "	60	11	9	9	60	11	9	60	11	"	5 1/4	7/8	3 3/4	1	3 1/2	12	"				
C "	60	11	9	9	60	11	9	60	11	"	"	"	"	"	"	"	"				
D "	60	11	9	9	60	11	9	60	11	"	"	"	"	"	"	"	"				
E "	60	13	10	10	60	13	10	60	13	"	"	"	"	"	"	"	"				
F "	50	13	10	10	50	13	10	50	13	"	"	"	"	"	"	"	"				
G "	60	13	10	10	60	13	10	60	13	"	"	"	"	"	"	"	"				
H "	60	12	9	9	60	12	9	60	12	"	"	"	"	"	"	"	"				
J "	60	12	9	9	60	12	9	60	12	"	"	"	"	"	"	"	"				
K "	60	13	10	10	60	13	10	60	13	"	"	"	"	"	"	"	"				
MAIN SHEER	60	13	10	10	60	13	10	60	13	"	"	"	"	"	"	"	"				
L "	61	14	8	8	60 3/4	14	8	60 3/4	14	"	5 1/4-6 7/8	1-3/8	4	"	"	"	"				
SPAR SHEER	44	15	9	9	44	15	9	44	15	"	6	1	4	"	3/4-L	1	"				
N "																					
O "																					
P "																					
DOUBLING OF PLATE KEEL																					
Length and thickness of Sheerstrakes																					
POOP SIDES																					
BRIDGE SIDES																					
FORECASTLE SIDES																					

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. **SIEMENS MARTIN PROCESS FROM GLASGOW I.S.C. CLYDEBRIDGE, CLYDEDALE, HALLSIDE, CALDERBANK. DOWLAIS DALZELL AND LANARKSHIRE**

The steel has been tested as required by the Rules

FRAMES extend in one length from CENTRE LINE to MARGIN PLATE, thence to GUNWALE

REVERSED FRAMES on floors and frames extend from CENTRE LINE to MARGIN PLATE, MARGIN PLATE to SPAR DECK IN WAY OF BRIDGE AND 28 FT. HATCHWAY & AFTER PEAK, REMINDER TO MAIN & SPAR DECKS ALTERNATELY, ALTERNATELY TO FORECASTLE DECK, DOUBLE ON FLOORS IN L.B. SPACE

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total Length	DIAMETER AND THICKNESS			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds & Head.		Number.	Size.	Seams.	Butts.
Fore	STEEL	55-0	22 x 7/20	20 x 7/20	18 1/2 x 9/20	TWO	✓	✓	SINGLE	TREBLE
Main	"	56-9	"	"	"	"	✓	✓	"	"
Mizen	"	"	"	"	"	"	✓	✓	"	"

Topmasts, Yards and Remainder of Spars **PITCH PINE**

Rigging, Material and Size, Shrouds **G.S.W. 3/4**

Sails, **ONE COMPLETE** Suit of FORE & AFT SCHOONER Sails, and the following spare sails

EQUIPMENT No. **42578** LETTER **X** ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY RULE		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.						
5465	1st Bower	54 2 14	STOCKLESS	45 2 3 7	54 2 0	STOCKLESS	W.L. BYRNEY & CO.	Sd 26/04. W. J. REIF				
5295	2nd "	54 2 0	Do	45 1 1 0	54 2 0	Do	Do	22/04. Do				
5482	3rd "	46 2 21	Do	40 6 8 14	46 1 0	Do	Do	3/04. Do				
26815	Stream	13 0 10	3 0 10	14 15 0 0	12 3 0	ORDINARY	N. HINGLEY & SONS	27/04. C.E. PERKINS				
26814	Kedge	6 3 0	1 2 24	9 0 0 0	6 2 0	Do	Do	27/04. Do				

2nd Kedge **DRAP AND MECHANICAL TESTS APPLIED TO ANCHORS MADE BY J.H. HENCKY & A. HOME 12/04 14/04 16/04 W. CAMPBELL 14/04 16/04 22/04**

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	HAWERS AND WARPS.	
			Tons.	Per Rule.	Supplied.	Per Rule.					Material.	Fathoms. Size.
27726	135	2 1/2	118 1/2	307.0.10	608.2.14	270.2 1/2	STUD	N. HINGLEY & SONS	26/04. C.E. PERKINS	FOWLINE S.W. 100 4 1/2 39 100-4 1/2		
27727	135	2 1/2	8 1/2	306.2.14	613.2.24		LINK	Do	26/04. Do	HAWSER S.W. 180 2 1/2 12 180-2 1/2		
Iron Stream Cables	90	4 1/2	39			90.4 1/2	S.W. BY ALAN WHITE & CO.			WARP S.W. 180 2 1/2 12 180-2 1/2		

Boats **FOUR**

Pumps, Number **DOWNTON PUMP TO HOLD HAND PUMP TO FORE PEAK** Diameter of Barrel and Tail Pipe **5 1/2 3/4**

Windlass is of STEEL BY **CLARKE CHAPMAN & CO.** Capstan **8 STEEL WINGCHES**

Engine Room Skylights.—How constructed? **OF STEEL PLATES AND ANGLES.**

What arrangements for deadlights in bad weather? **STEEL SHUTTERS AND BULLS EYES.**

Coal Bunker Openings.—How constructed? **OF STEEL** How are lids secured? **BATTENS & CRETS** Height above deck? **9" BULL ANGLE**

Number of Scuppers, and number and dimensions of Freeing Ports, &c. **SIX SCUPPERS AND FIVE FREEING PORTS EACH SIDE 28" x 22"**

Ceiling in Holds, thickness and material **2 1/2" W.P.** Ceiling 'tween Decks, thickness and material **2" W.P.**

Cargo Hatchways.—How formed? **OF STEEL PLATES AND ANGLES.** Hatches, If strong and efficient? **YES, 3" S.W.P.**

State size No. 1 Hatch (Forward) **20-0 x 16-0 x 30** No. 2 Hatch **28-0 x 16-0 x 30** No. 3 Hatch **32-0 x 16-0 x 30** No. 4 Hatch **20-0 x 16-0 x 30**

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch **ONE WEB PLATE 12 1/2 1 1/4 AND TWO WEB PLATES 12 1/2 2 1/2 HATCHWAYS**

THREE WOOD FORE AND AFTERS TO EACH HATCHWAY No. of Breasthooks **SIX** No. of Crutches **DEEP FLOORS**

Bulwarks, height above deck and description **STEEL 5 1/2 x 7/20 BULL STRIPS 7 x 7/20** Main Rail, material and size **BULL ANGLE 6 x 3 x 7/20 AND BEND IRON**

The above is a correct description.

Builder's Signature (here only) **For Russell & Co. Willmore** Surveyor's Signature **J. French** Surveyor to Lloyd's Register of British & Foreign Shipping.

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

**N. 8/04 26/04 E 7/04**

Workmanship. Are the butts of plating planed or otherwise fitted? **PLANED WHERE PRACTICABLE**

Is the riveted work properly closed? **YES**

Are the liners between the frames and plates solid single pieces? **FRAMES JOGGLED** 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 plating? **A FEW**

Are the butts of Plating, Stringers, &c., properly shifted and strapped? **YES**

General Remarks (State quality of workmanship, &c.) **THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE RULES AND APPROVED PLANS**

**THE QUALITY OF THE MATERIAL AND WORKMANSHIP IS GOOD**

**DOWNTON PUMP, HAND PUMP AND WATERTIGHT DOORS TRIED AND FOUND SATISFACTORY**

**IRON PLATES ARE EMBEDDED IN THE CEMENT UNDER EACH SOUNDING PIPE**

**THE KEEL WAS SIGHTED BEFORE LAUNCHING AND FOUND STRAIGHT.**

**THIS IS A SISTER VESSEL TO THE S.S. "INDIAN MONARCH" GREENOCK FIRST ENTRY REPORT N. 13982.**

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop **36** ft., R.Q.D. or Break **✓** ft., Bridge Dk. **108** ft., F'castle **44** ft. (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 it should appear in the Register Book) **ONE DECK (STEEL) AND SPAR DECK (STEEL) 2 TIER BEAMS AND DEEP FRAMING**

Official No. **119185**; Signal Letters

How are the surfaces preserved from oxidation? Inside **BY PORTLAND CEMENT AND PAINT** Outside **BY PAINT**

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system **CELLULAR SYSTEM.**

Where fitted.	Length.	Water Capacity.		Where fitted.	Length.	Water Capacity.	
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft.	114	317		Fore peak tank,			
Double bottom, forward,	160	526		After peak tank,		45	
Double bottom, under Engines and Boilers.				Midship deep tank,	28	686	
Double bottom, if under Engines only,	26	99		Other tanks, if fitted,			
Double bottom, if under Boilers only.				(If necessary, furnish further information by sketch.)			

State whether the above have been tested as required by the Rules... **YES**

Order for Special Survey No. **2230** Date **10th Feb 1904**

Order for Ordinary Survey No. **✓** Date **✓**

No. **526** in builder's yard

1st. On the several parts of the frame, when in place, and before the plating was wrought

2nd. On the plating during the process of riveting

3rd. When the beams were in and fastened, and before the decks were laid

4th. When the ship was complete, and before the plating was finally coated or cemented

5th. After the ship was launched and equipped

Specifically Surveyed **1904 Feb 25. March 3. 4. 8. 9. 10. 17. 22 April 6. 14. 18. 28. May 4. 13. 23. 26. 31. June 1. 2. 8. 9. 13. 14. July 1. 20. August 2. 10. 11. 19. 23. 25. 26. 30. 31. Sept 5. 6. 15. 19. Oct 3. 5. 14. 19. 27. Nov 1. 2. 4. 19.**

Total No. of Visits **48**

The amount of Entry Fee.....£ **5** : : : **25/11/1904 Shk.**

Special Survey Fee.....£ **131** : **4** : **6**

Travelling Expenses, if any £ : : : **26/11/1904**

Received by me, **J. French.**

I am of opinion this Vessel should be Classed **100-A-1 STEEL "SPAR DECK"**

With or without Freeboard, as condition of Class

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

Committee's Minute **Glasgow 28 NOV 1904**

Character assigned **+ 100-A-1 (Steel) "Spar deck".**

**10/12/04**