

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 24008

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

Yes

Part of Glasgow Date of completion of Report May 15th 1906. Received at London Office

Survey held at Glasgow Date, First Survey 26 June Last Survey 19 May 1906

On the Steam Turbine Steamer "VIPER" Rig Schooner 2 masts

TONNAGE under Tonnage Deck

Do. between Tonnage Dk. and 3rd Ath. Spar or Awning Dk.

Total under Upper Dk. 1186.49

Do. of Poop 50.79

Do. of Houses 94.39

Do. of Forecasts 144.49

Do. of Houses on Deck 91.48

Do. of 7.86

Do. above Crown of Engine Room 136.88

Gross Tonnage 1712.68

Less Crew Space 83.59

Less above Crown of Engine Room 136.88

TONNAGE FOR FEES 1492.21

Less Engine Room 1414.44

Less Navigation Spaces 22.33

Register Tonnage as cut on Beam 192.32

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

CLASS A1 Awning Dk

For Channel Purposes Scotland & Ireland

Half Breadth (moulded) 19.75

Depth from upper part of keel to top of Main Deck Beams 17.31

Girth of Half Midship Frame (as per Rule) 33.00

1st Number 70.06

Length 313.83

2nd Number 21987

Proportions—Breadths to Length 7.9

Depths to Length—Main Deck to top of Keel 18.1

Destined Voyage Ardrossan and Belfast

Master Peter McLaren

Year of Appointment

(1) As Master in service of owner of present vessel:—1888 (2) As Master of this vessel:—1906

Built at Glasgow

When built 1906 Launched 10th March 1906

By whom built The Fairfield Ship & Engine Co Ltd

Owners Messrs G & J Burns Ltd

Managers

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

Residence Glasgow

Port belonging to Glasgow

and

Port belonging to Glasgow

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck Feet. Inches. 313 10 BREADTH—Feet. Inches. 39 6 DEPTH, top of Floors to Spar or Awn. Dk. Feet. Inches. 23 23 Main Deck Beams 15 82 Power of Engines No. of Decks with flat laid Two 4 No. of Tiers of Beams awy Dk

Dimensions of Ship per Register, Length 315 breadth 39.65 depth 23.23 Spar or Awn. Dk. 15.75 Main Deck. Moulded depth, ft. 16 ins. 6 To Main Dk. Round up of Beam, Main Dk. 82 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or Bars, for length amidships	3 1/2	3	7	3 1/2	3	7
Do. for at each end	3 1/2	3	6	3 1/2	3	6
Do. in way of Double Bottoms at Solid Floors						
Distance of Frames from moulding edge to moulding edge, all fore and aft		24			24	
REVERSED FRAME, Angles	3	3	6-5	3	3	6-5
DEEP FRAMING, depth of girder		18	8		18	8
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	E	16	9		18	8
in way of Engines and Boilers	8	16	10		18	9
thickness at the ends of vessel		9	6		9	6
depth at 1/2 the half-bdth. as per Rule		36			36	
height extended at the Bilges						
FLOORS & BRACKETS, in Cell Dble Bottoms						
Distance apart						
CENTRE GIRDER, in Double bottom, depth and thickness						
Angles, Top						
Angles, Bottom						
SIDE GIRDERS, number and thickness						
Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness						
Angles						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
thickness in Engine and Boiler space						
Remainder in Holds						
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8
Angles on upper edge	5	3	6	5	3	6
Average space		48			48	
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8
Angles on upper edge	5	3	6	5	3	6
Average space		48			48	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	6	5	3	6
Angles on upper edge		48			48	
Average space						
BEAMS, Hold, or Orlop, Plate or Tee Bulb						
Angles on upper edge						
Average space						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on upper edge						
Average space						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	4	3	6	4	3	6
Angles on upper edge						
Average space		48			48	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on upper edge						
Average space						
PILLARS, In 'tween Deck, size and spacing	Two rows 2 1/2 x 4 1/2 spaced 48" apart					
Hold	2 1/2 x 4 1/2					
Quarter, 'tween Dks.,						
in Hold						
WEB-FRAMES, In Fore Body, No. and spacing	Four spaced as per Profile					
brdth. & thickness	14 7		14 7			
No. of Side Stringers	One 14 7		One 14 7			
WEB-FRAMES, In E. & B. Space, No. & spacing	Six spaced 6 frames apart					
brdth. & thickness	14 7		14 7			
WEB-FRAMES, In After Body, No. and spacing	Nine spaced as per Profile					
brdth. & thickness	14 7		14 7			
No. of Side Stringers	One 14 7		One 14 7			
Size of Angles or Tee Bars to Web Frames	5 3 9		5 3 9			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	14 7		14 7			

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
KEEL, Bar or Side Plates, depth and thickness	6 x 18/20		6 x 18/20			
STEM, moulding and thickness	6 x 2		6 x 2			
STERN-POST for Rudder do. do.	as per approved		as per approved			
for Propeller	Plan		Plan			
MAIN PIECE of Rudder, diameter at head do. at heel	9" Bow Rudder 8"					
RUDDER, how constructed	Forged steel frame Plated					
Can the Rudder be unshipped afloat?	Yes					
KEELSONS AND STRINGERS.						
CENTRE LINE KEELSON, Through Plate, or Intercoastal Plate	31	8	31	8		
Rider Plate for half length	10 1/2	8				
Bulb Plate to Intercoastal Keelson						
Horizontal Plates on Floors	23 1/2 x 1 1/2					
Angles	4 1/2 x 3 1/2	8	4 1/2	3 1/2	8	
SIDE KEELSON, Angles	4 1/2	3 1/2	8	4 1/2	3 1/2	8
Bulb or Plate above floors, for lng.						
Intercoastal Plate, for half length		7			7	
Attached to outside plating with Angle	7 changed					
BILGE KEELSON, Angles	4 1/2	3 1/2	8	4 1/2	3 1/2	8
Bulb or Plate above floors, for lng.						
Intercoastal Plate, for 59 1/2 x 10 1/2 length		7			7	
Attached to outside plating with Angle	7 changed					
BILGE STRINGER Angles	3 x 3 x 1/2					
Bulb Plate, for length						
Intercoastal Plate, for length						
Attached to outside plating with Angle						
SIDE STRINGER Angles	3 x 3 x 1/2					
Bulb or Intercoastal Plate, for lng.						
Attached to outside plating with Angle						
Spar, or Awning Deck Stringer Plates, breadth and thickness	44	8	44	8		
Angle on ditto	3 1/2 x 3 1/2	10	3 1/2 x 3 1/2	10		
Tie Plates, fore and aft, outside Hatchways	14	5	14	5		
Diagonal Tie Plates, No. of prs.						
Deck, Iron or Steel, for half lng.		6-5			6-5	
Wood Deck, Material & thickness	2		2			
Main Deck Stringer Plate, breadth & thickness	32	7	32	7		
Angles on ditto, No.	3 x 3	6	3 x 3	6		
Tie Plates, outside Hatchways	14	5	14	5		
Diagonal Tie Plates, No. of prs.						
Deck, Iron or Steel, for about half lng.		5			5	
Wood Deck, Material & thickness	2 1/2		2 1/2			
Lower Deck Stringer Plates, br'dth & thck'n's	14	7	14	7		
Angles on ditto, No.	3 x 3	6	3 x 3	6		
Tie Plates, outside Hatchways	14	5	14	5		
Deck, Material and thickness	12		12			
Hold, or Orlop Stringer Plate, br'dth & thck'n's						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Deck, Material and thickness						
Poop Deck Stringer Plate, breadth & thickness						
Angles on ditto						
Tie Plates						
Deck, Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
Angle on ditto						
Tie Plates						
Deck, Material and thickness						
Forecastle Deck Stringer Plate, br'dth & th'kns						
Angle on ditto						
Tie Plates						
Deck, Material and thickness						

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

	Number.	Thickness.	Horizontal.	Vertical.	Spacing.	Single or Double Frames.	Height up.
BULKHEADS.							
W. T. BULKHEADS	6	5 1/2	7 changed 4 1/2 x 5		30	50 1/2	100 1/2
PARTITION	3	3	3				
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length: Diamond plates

PLATING.										RIVETING.										
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.		EDGES.				BUTTS.							
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to cr.			Diam.	Spacing or to cr.		Breadth.	Thickness.	Breadth.	For what Length.			
																		Inches.	1/4th	1/2th
FLAT PLATE KEEL (If Bar Keel, state Riveting)	Side bar keel								Ruled											
GARBOARD OF A STRAKE	39	10	6	6	39	10			2 1/2	4 1/2	3/4	3	7 for 4 L	3/8	3 1/2	16 1/2	10			
B "		9	6	6		9			"	"	"	"	"	3/4	2 1/2	14 1/2	9			
C "		9	6	6		9			"	"	"	"	"	"	"	"	"			
D "		10	6	6		10			"	"	"	"	"	7/8	3 1/2	16 1/2	10			
E "		10	6	6		10			"	"	"	"	"	"	"	"	"			
F "		9	6	6		9			2 1/2	4 1/2	"	"	"	3/4	2 1/2	14 1/2	9			
G "		9	6	6		9			"	"	"	"	"	"	"	"	"			
H "		9	6	6		9			"	"	"	"	"	"	"	"	"			
J "		9	6	6		9			"	"	"	"	"	"	"	"	"			
Sheer K "	51	11	7	7	51	11								7/8	3 1/2	16 1/2	13			
L "																				
M "																				
N "																				
O "																				
P "																				
Q "																				
DOUBLING OF Flat Plate Keel																				
Length and thickness of Bilges																				
of Sheerstrakes																				
of Strake below																				
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. ? *Open hearth process*
Dalzell, Clydebridge, Clydesdale, Glasgow, Parkhead, Lanarkshire, and Hallside.

Spar or Awning Butts, treble riveted for *half* length amidship.
Stringer Plate Straps, single, double or overlapped for *full* length amidship.
Main Stringer Butts, treble riveted for *full* length amidship.
Plate Straps, single, double or overlapped for *full* length amidship.
Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted ? *5 x 10*
Inner Bottom Plating, riveting of Edges *✓* **Butts** *✓*
Centre Girder Butts, *treble* riveted **Keelson Butts**, *treble* riveted.
Frames, riveted through Plates with *3/4* in. Rivets, about *5 1/2* apart.
Rivets, state whether Iron or Steel *steel*

FRAMES extend in one length from *middle line* to *awning or*
REVERSED FRAMES on floors and frames extend from *middle line* to *main or* for *half length* amidships
before aback to main & lower beams alternately.

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	<i>wood</i> 84'-0"	12"	10 1/2"		3"	✓	✓	✓	✓	✓
	Main	<i>wood</i> 84'-6"	12"	10 1/2"		3"	✓	✓	✓	✓	✓
	Mizen	✓									
Bowsprit											
Topmasts, Yards and Remainder of Spars	✓										
Rigging, Material and Size, Shrouds	<i>steel wire 2 1/2"</i>										
Sails.	<i>Old</i>	Suit of <i>working</i>	Sails, and the following spare sails <i>none.</i>								

EQUIPMENT No. 25970 LETTER S										ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT PER RULE.		Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.		
55862	1st Bower ..	37	1	15	34	2	20	34	2	20	36	2	19	<i>Halls (Cast Steel)</i>	<i>Ningay & Sons</i>	<i>Netherthorpe 31/1/06 Green</i>			
55861	2nd ..	36	3	14	"	"	"	33	13	12	36	2	19	"	"	"			
55927	3rd ..	28	3	22	7	2	14	27	17	2	0	36	2	19	<i>Trotmans</i>	"	"		
	Collective weight																		
55849	Stream	10	2	13	2	3	0	12	10	3	21	10	0	0	<i>Ordinary</i>	"	<i>22/1/06 "</i>		
55867	Kedge	4	3	23	1	1	7	7	7	2	0	5	0	0	"	"	<i>24/1/06 "</i>		
	2nd Kedge ..	<i>Certificates of tests for Cast Steel anchor heads produced</i>																	

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.					
				Supplied.	Per Rule.														
39242	120	1 1/8	57 1/2	198	3	20	240-1 1/8	<i>Lead</i>	<i>Ningay & Sons</i>	<i>31/1/06 Netherthorpe Green</i>	TOWLINE	90	8"	90-8"					
39243	120	1 1/8	"	198	3	19	"	"	"	"	HAWSER	100	4"	100-4"					
											WARP	2 at 95	6 1/2"	2 at 95-6 1/2"					
												3 at 95	6"	3 at 95-6"					
Iron Stream Chain or Steel Wire ...	145	3 1/4					145-3 1/4	<i>galvanised wire</i>											

Boats *Six*
Pumps, Number *Six* Diameter of Barrel and Tail Pipe *5" and 4"*
Windlass is a *Capstan* Windlass by *Caladwell & Co* Capstan aft is by *Caladwell & Co*
Engine Room Skylights.—How constructed? *Peak on steel casings*
What arrangements for deadlights in bad weather? *Peak flaps with glass guards over glass*
Coal Bunker Openings.—How constructed? *Cast iron* How are lids secured? *Wrought iron* Height above deck? *Peak*
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *6 scuppers each side*
Ceiling in Holds, thickness and material *1 1/2 A.P* Ceiling tween Decks, thickness and material *—*
Cargo Hatchways.—How formed? *✓* **Hatches**, If strong and efficient? *✓*
State size No. 1 Hatch (Forward) *✓* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *—*
No. of Breasthooks *Three* No. of Crutches *Two* *Keel floors*
Bulwarks, height above deck and description *3'-6" Open rails* Main Rail, material and size *6 x 2 Peak*
The above is a correct description. *LD SHIPBUILDING*
Builder's Signature (here only.) *W. Sampson* Surveyor's Signature *J.D. Mares*
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*)