

Spar, or Awning Dk. ~~IRON OR~~ STEEL STEAMER.

No. 17034

State of Report is also sent on the Machinery of the Vessel *Yes*  
Port of *Glasgow* Date of completion of Report *20 May 1899* Received at London Office *WED, 24 MAY 1899*  
held at *Dumbarton* Date, First Survey *Mar 2nd 1898* Last Survey *May 2nd 1899*  
*Canada* Rig *Schooner*AGE under  
Tonnage Dk.  
between Tonnage Dk.  
and 3rd, 4th, Spar or  
Awning Dk.  
Total under Upper Dk.No. of Poop  
Do. of Bridge House  
Do. of Forecasts  
Do. of Houses on Deck  
Do. of excess of Hatchways  
Do. above Crown of  
Engine Room  
Gross Tonnage  
Less Crew Space  
Less above Crown of  
Engine Room  
TONNAGE FOR FEES  
Less Engine Room  
Less Navigation SpacesRegister Tonnage  
as cut on BeamSPAR, AWNING OR PART AWNING DECKED VESSEL,  
or a Vessel having a continuous Shade Deck.CLASS *100 A 1*

FEET.

Half Breadth (moulded) *24.16*Depth from upper part of keel to top of Main Deck Beams *21.98*Girth of Half Midship Frame (as per Rule) *42.25*1st Number *88.39*Length *373.16*2nd Number *32983*Proportions—Breadths to Length *4.4*Depths to Length—Main Deck to top of Keel *16.9*Destined Voyage *Cape Breton*Master *C.E. Inoensegaard*

Year of Appointment

(1) As Master in service of  
owner of present vessel:—1898  
(2) As Master of this  
vessel:—1898Built at *Dumbarton*When built *1898-99* Launched *Nov 5th 1898*By whom built *A. McMillan & Son, Ltd.*Owners *Heekshorn & Son*

Managers

(Where necessary to be entered in Register Book.)

Residence *Copenhagen*Port belonging to *Copenhagen*

Surveyed while Building, Afloat, or in Dry Dock.

LENGTH on Deck *373* Feet. *2* Inches. BREADTH—Feet. *48* Inches. *4* DEPTH, top of Floors to Spar *26.4* Feet. *17* Inches. *11 1/2* Power of Horse. No. of Decks with flat laid *2*  
as per Rule. Moulded. Do. Main Deck Beams *26* *17* *11 1/2* Engines No. of Tiers of Beams *2*  
Dimensions of Ship per Register, Length *375* breadth *48.5* depth *26.4* Spar or Awn. Dk. Moulded depth, ft. *20* ins. *6* To Main Dk. Round up of *11 1/2* ins.  
*17.9* Main Deck.

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
FRAME, Angles, <i>7 E or L</i> Bars, for $\frac{1}{2}$ length amidships <i>5 1/2</i> <i>3 1/2</i> <i>8</i> <i>5 1/2</i> <i>3 1/2</i> <i>8</i>						KEEL, Bar or Side Plates, depth and thickness					
Do. for $\frac{1}{2}$ at each end <i>5 1/2</i> <i>3 1/2</i> <i>7</i> <i>5 1/2</i> <i>3 1/2</i> <i>7</i>						STEM, moulding and thickness <i>11 x 2 1/8</i> <i>11 x 2 1/8</i>					
Do. in way of Double Bottoms at Solid Floors <i>3 1/2</i> <i>3 1/2</i> <i>8</i> <i>3 1/2</i> <i>3 1/2</i> <i>8</i>						STERN-POST for Rudder do. do. <i>11 x 6 3/4</i> <i>11 x 6 3/4</i>					
Distance "Frames" from moulding edge to moulding edge, all fore and aft <i>24</i> <i>24</i>						" " for Propeller <i>11 x 6 3/4</i> <i>11 x 6 3/4</i>					
REVERSED FRAME, Angles <i>6</i> <i>3 1/2</i> <i>8</i> <i>6</i> <i>3 1/2</i> <i>8</i>						MAIN PIECE of Rudder, diameter at head <i>7 1/2</i> <i>7 1/2</i>					
DEEP FRAMING, depth of girder <i>8 1/2</i> <i>8 1/2</i>						do. at heel <i>7 1/2</i> <i>7 1/2</i>					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships <i>24</i> <i>8</i> <i>24</i> <i>8</i>						RUDDER, how constructed <i>Single plate 22</i>					
" in way of Engines and Boilers <i>6</i> <i>3 1/2</i> <i>8</i> <i>6</i> <i>3 1/2</i> <i>8</i>						Can the Rudder be unshipped afloat? <i>Yes</i>					
" thickness at the ends of vessel <i>4</i> <i>4</i> <i>9</i> <i>4</i> <i>4</i> <i>9</i>						KEELSONS AND STRINGERS.					
" depth at $\frac{1}{2}$ the half-bdth. as per Rule <i>6 1/2</i> <i>4 1/2</i> <i>9</i> <i>6 1/2</i> <i>4 1/2</i> <i>9</i>						GENERAL KEELSON, Vertical Plates (above)					
" height extended at the Bilges <i>3 1/2</i> <i>3 1/2</i> <i>8</i> <i>3 1/2</i> <i>3 1/2</i> <i>8</i>						floors, Through Plate, or Intercoastal Plate)					
FLOORS & BRACKETS, in Cell Dble Bottoms <i>40</i> <i>8</i> <i>28</i> <i>8</i>						" Rider Plate					
Distance apart <i>4</i> <i>4</i> <i>9</i> <i>4</i> <i>4</i> <i>9</i>						" Bulb Plate to Intercoastal Keelson					
CENTRE GIRDER, in Double bottom, depth <i>6 1/2</i> <i>4 1/2</i> <i>9</i> <i>6 1/2</i> <i>4 1/2</i> <i>9</i>						" Horizontal Plates on Floors					
and thickness <i>3 1/2</i> <i>3 1/2</i> <i>8</i> <i>3 1/2</i> <i>3 1/2</i> <i>8</i>						" Angles					
Angles, Top <i>4</i> <i>4</i> <i>9</i> <i>4</i> <i>4</i> <i>9</i>						SIDE KEELSON, Angles					
Angles, Bottom <i>6 1/2</i> <i>4 1/2</i> <i>9</i> <i>6 1/2</i> <i>4 1/2</i> <i>9</i>						" Bulb or Plate above floors, for lng.					
SIDE GIRDERS, number and thickness <i>3 1/2</i> <i>3 1/2</i> <i>8</i> <i>3 1/2</i> <i>3 1/2</i> <i>8</i>						" Intercoastal Plate, for length					
Angles <i>40</i> <i>8</i> <i>28</i> <i>8</i>						Attached to outside plating with Angle					
MARGIN PLATE, depth (exclusive of flange) <i>4</i> <i>4</i> <i>9</i> <i>4</i> <i>4</i> <i>9</i>						BILGE KEELSON, Angles					
Angles <i>42</i> <i>10</i> <i>36</i> <i>10</i>						" Bulb or Plate above floors, for lng.					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake <i>42</i> <i>10</i> <i>36</i> <i>10</i>						" Intercoastal Plate, for length					
" thickness in Engine and Boiler space <i>8 1/2</i> <i>3</i> <i>11</i> <i>8 1/2</i> <i>3</i> <i>11</i>						Attached to outside plating with Angle					
Remainder in Holds <i>8 1/2</i> <i>3</i> <i>11</i> <i>8 1/2</i> <i>3</i> <i>11</i>						BILGE STRINGER Angles					
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>8 1/2</i> <i>3</i> <i>11</i> <i>8 1/2</i> <i>3</i> <i>11</i>						" Bulb Plate, for length					
Angles on upper edge <i>24</i> <i>24</i>						" Intercoastal Plate, for length					
Average space <i>9</i> <i>3</i> <i>13</i> <i>9</i> <i>3</i> <i>13</i>						Attached to outside plating with Angle					
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>24</i> <i>24</i>						Spar, or Awning Deck Stringer Plates, breadth and thickness <i>70</i> <i>9</i> <i>70</i> <i>9</i>					
Angles on upper edge <i>9</i> <i>3</i> <i>13</i> <i>9</i> <i>3</i> <i>13</i>						Angle on ditto <i>4 x 4 x 9</i> <i>4 x 4 x 9</i>					
Average space <i>24</i> <i>24</i>						Tie Plates, fore and aft, outside Hatchways					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>24</i> <i>24</i>						Diagonal Tie Plates, No. of prs.					
Angles on upper edge <i>9</i> <i>3</i> <i>13</i> <i>9</i> <i>3</i> <i>13</i>						Deck, * Iron or Steel, for <i>whole</i> lng. <i>8</i> <i>8</i>					
Average space <i>24</i> <i>24</i>						Wood Deck, Material & thickness					
BEAMS, Hold, or Orlop, Plate or Tee Bulb <i>8</i> <i>8</i> <i>8</i> <i>8</i>						Main Deck Stringer Plate, breadth & thickness <i>68</i> <i>10</i> <i>68</i> <i>10</i>					
Angles on upper edge <i>48</i> <i>48</i>						Angles on ditto, No. <i>2</i> <i>4 x 4 x 9</i> <i>4 x 4 x 9</i>					
Average space <i>9</i> <i>8</i> <i>9</i> <i>8</i>						Tie Plates, outside Hatchways					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb <i>8</i> <i>8</i> <i>8</i> <i>8</i>						Diagonal Tie Plates, No. of prs.					
Angles on upper edge <i>48</i> <i>48</i>						Deck, * Iron or Steel, for <i>whole</i> lng. <i>8</i> <i>8</i>					
Average space <i>9</i> <i>8</i> <i>9</i> <i>8</i>						Wood Deck, Material & thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb <i>8</i> <i>8</i> <i>8</i> <i>8</i>						Lower Deck Stringer Plates, breadth & thickness					
Angles on upper edge <i>48</i> <i>48</i>						Angles on ditto, No.					
Average space <i>9</i> <i>8</i> <i>9</i> <i>8</i>						Tie Plates, outside Hatchways					
PILLARS, In 'tween Deck, size and spacing <i>2 1/4</i> <i>48</i> <i>2 1/4</i> <i>48</i>						Deck, * Material and thickness					
Hold <i>4</i> <i>48</i> <i>4</i> <i>48</i>						Hold, or Orlop Stringer Plate, breadth & thickness					
Quarter, 'tween Dks., " <i>2 1/4</i> <i>192</i> <i>2 1/4</i> <i>192</i>						Angles on ditto, No.					
in Hold <i>4</i> <i>192</i> <i>4</i> <i>192</i>						Tie Plates, outside Hatchways					
WEB FRAMES, In Fore Body, No. and spacing <i>2</i> <i>as on plan</i>						Deck, Material and thickness					
breadth & thickness <i>30</i> <i>8</i> <i>30</i> <i>8</i>						Poop Deck Stringer Plate, breadth & thickness <i>30</i> <i>6</i> <i>30</i> <i>6</i>					
WEB FRAMES, In After Body, No. and spacing <i>1</i> <i>as on plan</i>						Angles on ditto <i>3 x 3 x 7</i> <i>3 x 3 x 7</i>					
breadth & thickness <i>18</i> <i>8</i> <i>18</i> <i>8</i>						Tie Plates					
No. of Side Stringers <i>3</i>						Deck, Material and thickness <i>Steel</i> <i>40</i> <i>8</i>					
Size of Angles or Tee Bars to Web Frames <i>4</i> <i>3 1/2</i> <i>8</i> <i>4</i> <i>3 1/2</i> <i>8</i>						Angle on ditto <i>3 x 3 x 9</i> <i>3 x 3 x 9</i>					
BRACKET PLATES to Stringers between Web Frames, depth and thickness <i>4</i> <i>3 1/2</i> <i>8</i> <i>4</i> <i>3 1/2</i> <i>8</i>						Tie Plates					
						Deck, Material and thickness <i>Steel</i> <i>40</i> <i>8</i>					

BULKHEADS.		STIFFENERS.		Single or Double Frames.		Height up.	
In Vessel.	Per Rule.	Thickness.	Horizontal.	Vertical.	Spacing.	Inches.	Feet.
W. T. BULKHEADS	6	6	7.6	8.2	20	30	4 1/2
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? *Yes*

17024 gls

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 cr. to cr.			Diam.	Spacing cr. to cr.		Breadth.	Thick-ness.	Breadth.	For what Length.			
		Inches.	1/4th or 20ths	1/4th or 20ths	1/4th or 20ths	Inches.	1/4th or 20ths			Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	14 1/2	Inches.	Feet		
FLAT PLATE KEEL .....		36	20	13	13	36	20	double	6	1	36	treble	1	3 1/2	19	14 1/2	13 1/2	double			
(If Bar Keel, state Riveting)																					
GARBOARD OF A Strake ...		59	15	12	15	36	15	do	6	1	36	double	1	3 1/2	✓	✓	13 1/2	double			
State actual thickness in way of Double Bottom.																					
B			11	9	13		11	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	9	do			
C			11	9	13		11	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	9	✓			
D			11	9	13		11	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	9	✓			
E			13	10	13		13	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	9	✓			
F			13	10	13		13	do	5 1/4	7/8	3 1/2	double Treble	7/8	3 1/2	✓	✓	12 1/2	✓			
G			13	10	10		13	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	12 1/2	✓			
H			12	9	9		12	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	12 1/2	✓			
J			12	9	9		12	do	5 1/4	7/8	3 1/2	do	7/8	3 1/2	✓	✓	12 1/2	✓			
K			12	9	9		12	do	5 1/4	7/8	3 1/2	double	7/8	3 1/2	✓	✓	12	✓			
main Sheerstrake } L		48	13	9	9	45 1/2	13	do	6	1	4	treble	7/8	3 1/2	✓	✓	9	✓			
M			14	9	9		14	do	6	1	4	double	1	3 1/2	✓	✓	14	✓			
Spar Sheerstrake } N		43	14	9	9	40	14					treble	1	3 1/2	19	13 1/2	✓	✓			
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Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

M 10.1.98, 18.3.98 292, 12.4.98, 12.5.98, 19.5.98, 12.6.98; E 24.6.98.

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

Is the riveted work properly closed? *Yes*

Are 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 plating? *No*

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

General Remarks (State quality of workmanship, &c.) *Workmanship and materials good.*

*This steel screw steamer has been built in general accordance with the Rules and the accompanying drawings submitted and approved as per Secretary's letters above referred to.*

*She is to carry water ballast in double bottom all fore & aft, and in after peak, for particulars please see below.*

*Sketch a short poop, bridge deck and top gallant forecabin of the lengths stated under.*

*Hand pumps and decks have been tested, and all other requirements of the Rules have been complied with.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *28* ft., R.Q.D. or Break *-* ft., Bridge Dk. *86* ft., F'castle *33* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop is not joined to B.D.*

*2 dts. steel. 2 hrs. work &*

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) *as stated above &*

Official No. *-*; Signal Letters *-*

How are the surfaces preserved from oxidation? Inside *Paint & Portland Cement* Outside *Paint*

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

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>122</i>	<i>310</i>	Fore peak tank,	<i>-</i>	<i>-</i>
Double bottom, forward,	<i>154</i>	<i>427</i>	After peak tank,	<i>114</i>	<i>84</i>
Double bottom, under Engines and Boilers,	<i>42</i>	<i>132</i>	Midship deep tank,	<i>-</i>	<i>-</i>
Double bottom, if under Engines only,	<i>-</i>	<i>-</i>	Other tanks, if fitted,	<i>-</i>	<i>-</i>
Double bottom, if under Boilers only,	<i>-</i>	<i>-</i>	(If necessary, furnish further information by sketch.)	<i>-</i>	<i>-</i>

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

Order for Special Survey No. *3171*

Date *31/1/98*

Order for Ordinary Survey No. *-*

Date *-*

No. *363* in builder's yard.

DATES of Surveys held while building as per Section 18.

- 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

*1898, Mar 2. 4. 8. 11. 15. 18. 22. 25. 27. April 1. 6. 12. 19. 22. 26. 29. May 6. 3. 10. 13. 17. 20. 24. 27. 31. June 3. 7. 10. 15. 21. 24. 28. July 1. 5. 8. 12. 22. Aug 2. 5. 9. 12. 15. 16. 19. 22. 26. 30. Sep 2. 6. 9. 14. 16. 19. 21. 22. 29. Oct 4. 7. 11. 14. 18. 21. 27. 28. Nov 4. 8. 11. 17. 21. 29. Dec 2. 9. 22. 25. 1899, Jan 23. 28. Feb 4. 9. 12. 16. 18. 19.*

Total No. of Visits *94*

The amount of Entry Fee ..... £ *5* : *0* : *0* Fees applied for, *23/5/1899*

Certificate to be sent to *Glasgow*

Special Survey Fee ..... £ *28* : *13* : *0* Received by me, *25/5/99*

Travelling Expenses, if any £ *-* : *-* : *-*

I am of opinion this Vessel should be Classed *100 A 1 Steel "Spar deck"*

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

With, or without Freeboard, as condition of Class *without*

Committee's Minute

FRI, 26 MAY 1899

Character assigned *100 A 1 steel Spar deck*

*a r b o*

*L.M.B. 5.99*

*Wright Gls*



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Lloyd's Register

Foundation

Still Certificate, Wotton.