

7650T

1 or 2 Dks. R. Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

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

Date of completion of Report *10 Feb 1905*

Date, First Survey *10 June 04*

Port of *Glasgow*

Last Survey *1st July 1905*

Rig *Schooner 2 masts*

No. *22508*

WES. 14 FEB 1905

Received at London Office.

Survey held at *Paisley*

On the *Steel Screw Steamer "CAMOSUN"*

TONNAGE under Tonnage Deck... *692.14*

Do. of Poop

Do. of Raised Qr. *249.40*

Do. of Bridge House

Do. of Forecastle *427.68*

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of Engine Room *1369.22*

Gross Tonnage *129.54*

ss Crew Space

ss above Crown of Engine Room *1239.68*

TONNAGE FOR FEES *438.15*

ss Engine Room *7.81*

ss Navigation Spaces

Register Tonnage *793.72*

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS *+100A1 plawing SK*

Half Breadth (moulded) *17.50*

Depth from upper part of Keel to top of Main Deck Bms. *17.97*

Girth of Half Midship Frame (as per Rule) *31.75*

1st Number *67.22*

Length on deck from after part of stem to fore part of stern post *191.16*

2nd Number *12849*

Proportions—Breadths to Length *5.45*

Depths to Length—Main Deck to top of Keel *10.63*

Destined Voyage *Vancouver*

Master

Year of appointment *(1) As master in service of owner of present vessel:—19 (2) As master of this vessel:—19*

Built at *Paisley*

When built *1904/1905* Launched *8 Dec 1904*

By whom built *James Brown & Co. Ltd.*

Owners *Union S.S. Co. of British Columbia*

Managers

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

Residence *Vancouver*

Port belonging to *Glasgow*

If Surveyed while Building, Afloat, or in Dry Dock *yes*

LENGTH on Deck as per Rule... *191* Feet. *2* Inches. BREADTH—Moulded... *35* Feet. *0* Inches. DEPTH, ACTUAL—Top of Main Deck Beams... *14* Feet. *11 1/2* Inches. No. of Decks with Flat laid *one & plawing SK* No. of Tiers of Beams *web frames*

Dimensions of Ship per Register, Length, *192.7* breadth, *35.2* depth, *14.9* Moulded Depth, *17* ft. *3* ins. Round of Beam, Actual *9* ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.
FRAME, Angles, <i>LEE or L Bars</i> , for $\frac{1}{2}$ length amidships	4	3	7	4	3
Do. for $\frac{1}{2}$ at each end	4	3	6	4	3
Do. in way of Double Bottoms at Solid Floors	4	3	7	4	3
Spacing of Frames from centre to centre	23			23	
EVERSED FRAME, Angles	3	3	7	3	3
DEEP FRAMING, depth of girder					
LOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships					
in way of Engines and Boilers					
thickness at the ends of vessel					
depth at $\frac{1}{2}$ the half breadth, as per Rule					
height extended at the Bilges					
LOORS & BRACKETS, in Cell Dble Bottoms	36		6	36	6
state if flanged (top & bottom)			8		8
Spacing	23			23	
CENTRE GIRDER, in Double Bottom, depth and thickness	36		8	36	8
Angles, Top	3 1/2	3 1/2	7	3 1/2	7
Bottom					
SIDE GIRDERS, number on each side & thickness	one		6	one	6
state if flanged (top & bottom)					
Angles	3	2 1/2	7	3	2 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	21		7	21	7
Angles to Outside Plating	3 1/2	3 1/2	7	3 1/2	7
Floors	3	2 1/2	7	3	2 1/2
Height of Floors at the Bilges	41			41	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	51		8		8
thickness in Engine and Boiler space	5 1/2	5 1/2	19	5 1/2	19
Remainder in Holds			6		6
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	5 1/2	3
Angles on Upper Edge					
Spacing	23			23	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	5 1/2	3
Angles on Upper Edge					
Spacing	23			23	
BEAMS, Hold, Plate or Tee Bulb, Angles	5 1/2	3	8	5 1/2	3
Angles on Upper Edge					
Spacing	23			23	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	10	7 1/2	3
Angles on Upper Edge					
Spacing	46			46	
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	8	5 1/2	3
Angles on Upper Edge	7 1/2	3	9	7 1/2	3
Spacing	46			46	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb					
Angles on Upper Edge					
Spacing					
PILLARS, In 'tween Decks, Size and Spacing	2 1/2	46	2 1/2	46	
Hold	4 1/2	46	4 1/2	46	
Quarter, 'tween Dks.					
in Hold					
WEB FRAMES, In Fore Body, No. and Spacing	Three 7 1/2	Three 8	Three 8	Three 8	
Brdth. & Thickness	15	7	15	7	
No. of Side Stringers	Two 15	Two 15	Two 15	Two 15	
WEB FRAMES, In E. & B. Space, No. & Spacing	Two 7 1/2	Two 7 1/2	Two 7 1/2	Two 7 1/2	
Brdth. & Thickness	15	7	15	7	
WEB FRAMES, In After Body, No. and Spacing					
Brdth. & Thickness					
No. of Side Stringers	Two 15	Two 15	Two 15	Two 15	
Size of Angles or Tee Bars to Web Frames	5 1/2	3 1/2	9	5 1/2	3 1/2
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness					

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule or as Approved.
KEEL, Bar or Side Plates depth and thickness	8 x 2 1/4	8 x 2 1/4
STEM, moulding and thickness	7 x 2 1/4	7 x 2 1/4
STERN-POST for Rudder do. do.	7 x 4 3/4	7 x 4 3/4
for Propeller		
MAIN PIECE of Rudder, diameter at head	6 1/4	6
do. at heel	4 1/2	

RUDDER, how constructed *forced from built frame single*
Can the Rudder be unshipped afloat? *yes*

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.
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					
Bulb or Plate above floors for lng.					
Intercoastal Plate for length					
Attached to outside plating with Angle					
BILGE STRINGER Angles					
Bulb Plate for length					
Intercoastal Plate for length					
Attached to outside plating with Angle					
SIDE STRINGER Angles					
Bulb or Intercoastal Plate for lng.					
Attached to outside plating with Angle					

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	42	8	8
Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2
Tie Plates, outside Hatchways			
Diagonal Tie Plates on Bms., No. of Pairs	8	12	12
Main Dk* Iron or Steel for full lng.		6	6
R. Q. Dk* Iron or Steel for full lng.			
Wood Deck Material & thickness	5		3
Lower Deck Stringer Plate, breadth and thickness	Plating	6	6
Angles on ditto, No.	3 x 3	7	3 x 3
Tie Plates, outside Hatchways			
Deck* Material and thickness	P.P.	2 1/2	2 1/2
Hold Stringer Plate			
Angles on ditto, No.			
Poop Deck Stringer Plate, breadth & thickness	27	6	27
Angle on ditto	3 x 3	7	3 x 3
Tie Plates	10	6	10
Deck Material and thickness	P.P.	2 1/2	2 1/2
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	21	6	21
Angle on ditto	3 x 3	6	3 x 3
Tie Plates	10	6	10
Deck Material and thickness	P.P.	2	2
Forecastle Deck Stringer Plate, brdth & thcknss			
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.

BULKHEADS.	Number.		Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Horizontal.	Vertical.		
W.T. BULKHEADS	5	4	6	4 x 3 x 3/4	4 x 3 x 3/4	30	4 x 3 x 3/4	30	4 x 3 x 3/4
PARTITION									
LONGITUDINAL									

Are the outside Plates doubled two spaces of Frames in length? *yes*
Are the Stucco Valves and Watertight Doors in efficient working order? *yes*

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.*		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.			
FLAT PLATE KEEL.....	13	10	9	9	42	10	Rule	1	5										
(If Bar Keel, state Riveting)																			
GARBOARD OR A Strake...	42	10	9	9	42	10	Rule	42	3/4	3 2/7	T full L	7/8	3 5/8	16 3/4	12				
State actual thickness in way of Double Bottom.											Half L	3/4	2 5/8			7 1/2	Full		
B "		8	7	7		8	"	"	"	"	"	"	"			"	"		
C "		9	8	8		9	"	"	"	"	"	"	"			"	"		
D "		9	8	8		9	"	"	"	"	"	"	"			"	"		
E "		9	8	8		9	"	"	"	"	"	"	"			"	"		
F "		9	8	8		9	"	"	"	"	"	"	"			"	"		
G "		9	8	8		9	"	"	"	"	"	"	"			"	"		
Main OK H Sheer...	51	10	10	10		10	Single	2 1/2	"	"	T full L	7/8	3 5/8			9	"		
J "		5	5	5		5	"	"	"	"	Double	3/4	2 5/8			5	"		
along OK K Sheer...	65	5	5			5	"	"	"	"	Treble	"	"			7 1/2	"		
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges.....																			
of Sheerstrakes..																			
of Strake below																			
POOP SIDES																			
RAISED QUARTER Dk. SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING.....																			

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, outside Plating, &c.?
Siemens process
Lanarkshire Steel Co. Steel Works, Scotland
Glasgow, D. Colville & Sons
11 Alderbank
Has the Steel been tested as required by the Rules *yes*

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

FRAMES extend in one length from *middle line* to *margin plate & thence to keel* state if ordinary or joggled *ordinary*
REVERSED FRAMES on floors and frames extend from *middle line to margin plate & thence to* state if ordinary or joggled *ordinary*
Main OK all fore & aft, double in E & B place to tank side

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>P.P.</i>	<i>51</i>	<i>15</i>	<i>15</i>	<i>15</i>	<i>15</i>	<i>Two</i>	<i>Two</i>	<i>3x3x20</i>	<i>Single</i>	<i>Treble</i>
Main	<i>Steel</i>	<i>46</i>	<i>15x5/20</i>	<i>14x5/20</i>	<i>9x4/20</i>	<i>6x4/20</i>					
Mizen.....											
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds	<i>2 3/4 Gal steel wire</i>										
Stays	<i>7 x 1/2 3" Gal steel wire</i>										
Sails.	<i>One</i>	Suit of									
Sails and the following spare sails											

ANCHORS.										Tonnage U.Dk. or Plating No. for Traversers							
Number of Certificate.	Anchors.	WEIGHT, <i>including</i> STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
52815	1st Bower ..	26	2	21				26	3	3	0	26	1	0	<i>Hartshorne & Co. (cast steel head)</i>	<i>G. Hartshorne & Co. Netherthorn, 9/12/04 Green</i>	
52814	2nd ..	26	2	2				26	1	3	14	26	1	0		" " "	
52817	3rd ..	22	2	20				22	18	3	0	22	2	0		" " "	
	Collective weight	75	3	15				75	0	0						" " "	
52813	Stream	7	1	7	2	0	3	9	11	2	7	7	1	0	<i>Ordinary</i>	" 8/12/04 "	
52816	Kedge	3	3	5	0	3	23	6	5	1	7	3	2	0		" 9/12/04 "	
<i>Certificates of tests for cast steel anchor heads produced</i>																	

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length & Size per Table 22.		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 22.			
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Table 22.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
37581	210	1 1/2	40 1/2	58 7/10	242	1-324	20.5	210	1 1/2	<i>Good link</i>	<i>G. Hartshorne Netherthorn 8/12/04 Green</i>	ROPELINE	90	10		90	10		
												HAWSERS & WARPS	90	6		90	6		
																90	5		
Iron Stream Chain or Steel Wire.....	75	3 1/2	26					75	3 1/2	<i>Gal steel wire, Gal steel & Robinson's</i>									

Boats *6 Life boats*
Pumps, Number *Six* Diameter of Barrel *5* State whether they are in efficient working order *yes*
Windlass is *By Clarke Chapman* Capstan is *By G & F M'Onie*
Engine Room Skylights.—How constructed? *Teak on steel casings*
What arrangements for deadlights in bad weather? *Teak battens with glass guards over glass.*
Coal Bunker Openings.—How constructed? *Plates & angles* How are lids secured? *Battens & bolts* Height above deck? *9' above highest OK*
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *2 scuppers each side aft, & 3 freeing ports 16" x 16" each side aft*
Ceiling in Holds, thickness and material *2 1/2 W.P* Cargo Battens, thickness and material *6 x 2 W.P*
Cargo Hatchways.—How formed? *Plates and angles* Hatches.—If strong and efficient? *yes 23*
State size No. 1 Hatch (Forward) *9' 7" x 10' 0"* No. 2 Hatch *—* No. 3 Hatch *—* No. 4 Hatch *—*
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *One fore & aft*
No. of Breasthooks *Four* No. of Crutches *Two to aft & fore*
Bulwarks, height above deck and description *2 1/2 3' 6" 3/20 steel plates* Main Rail and Stays, material and size *Rail 7 x 3 teak*
The above is a correct description.
Builder's Signature (here only) *FOR BOW, MOLACHLAN & CO., LTD* Surveyor's Signature *J. D. M'Onie* Surveyor to Lloyd's Register of British and Foreign Shipping.

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

M 28/4/04

E 15/9/04

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? *yes jagged peeling*

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*

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

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *yes*

State results of tests *satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes*

State results of tests *satisfactory*

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

This vessel has been built in accordance with the approved plans, the Secretary's letters of above dates and in general conformity to the Rules for the Class contemplated.

5. Plans

1. Report on Ship Forgings

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. and *✓* ft., F'castle *144* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) *1 SK (Stl. w.s) Part awning SK (Stl. w.s) & web frames.*

Official No. ; Signal Letters

State if Machinery is fitted aft *No*

How are the surfaces preserved from oxidation? Inside *Paint & 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. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>40.25</i>	<i>23</i>	Fore peak tank,		<i>32</i>
Double bottom, under Engines and Boilers,	<i>34.50</i>	<i>55</i>	After peak tank,		<i>9</i>
Double bottom, if under Engines only,	<i>-</i>		Deep tank, aft		<i>-</i>
Double bottom, if under Boilers only,	<i>-</i>		Deep tank, forward		<i>-</i>
Double bottom, forward,	<i>74.75</i>	<i>106</i>	Other tanks, if fitted,		<i>-</i>
Total capacity	<i>184</i>		(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. *3938*

Date *15. 7. 04*

No. *177* in builder's yard.

DATES of Surveys held while building

1904: June 10. 14. 20. 25. July 7. 6. 11. 4. 19. 22. 26. Aug 10. 22. 24. 29. 31. Sep. 5. 12. 15. 20. 28. 28. Oct. 2. 10. 14. 19. 24. Nov. 1. 4. 9. 11. 16. 21. 24. 29. Dec. 2. 8. 12. 21. 27. 30. 1905: Jan. 10. 17. 20. 23. 25. Feb. 1.

Total No. of Visits *47*

The amount of Entry Fee£ *4* : : :

Fees applied for, *13 FEB 1905*

Certificate to be sent to *Glasgow*

Special.....£ *56* : : :

Received by me, *17.2.05*

Travelling Expenses, if any £ : : :

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *+ 100 A.1 Part awning SK*

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

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

Committee's Minute

Character assigned *+ 100 A.1 (Stl) "H. survey. dk. with freeboard" Lloyd's R.R.*

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