

# With or Without Disconnected Erections.

## STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes: 26*

W508-0025 THU. MAP 20. 1913

THU. MAP 20. 1913  
Received at London Office.

Date of completion of report

Survey held at

On the

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Net Tonnage

Net Tonnage

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Port of

Date, First Survey

*SS. COLUSA*

Last Survey

No.

*16408*

Rig

*Four masts - schooner*

Master

*E. J. Minister RNR*

Year of appointment

Built at

*Port Glasgow*

When built

*1913*

By whom built

*W. Hamilton & Co. Ltd.*

Owned by

*The New York & Pacific Steamship Co. Ltd.*

Managers

*144 Leadenhall St. London*

Residence

*London*

Port belonging to

*London*

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
408	0	Moulded	54	9	Do.	26	4 1/2	Two

Dimensions of Ship per Register, Length	408.0	breadth	55.20	depth	26.80	Moulded depth, ft.	34	ins.	11	To Bridge Dk.	Round of Upper	132	ins.
						Moulded depth, ft.	29	ins.	2	To Upper Dk.	Dk. Beam, Actual		

FRAMING.						PILLARS.					
NAME, Angles, or	or	Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	NAME, Angles, or	or	Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks			13 1/2	5 1/2	42 1/2	PILLARS, In 'tween Deck, size and spacing			5 1/4 x 4 1/2	DIA SPACED AS	APP. 2
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" " Hold (AFTERWARDS 5 1/2)			14 x 60		
" " " at intermdt. Bkts						" " Quarter 'tween Dks.					
" " " length to Collision bulkhead						" " in Hold					
" " " in peaks						KEELSONS & STRINGERS.					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	CENTRE LINE KEELSON, Vertical Plate above					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	floors, Through Plate, or Intercostal Plate					
" " " at intermdt. Bkts						" Rider Plate					
" " " from 1/2 length to Collision bulkhead						" Flat Plate Keel Angles					
" " " in peaks						" Horizontal Plates on Floors					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Angles or Bulb Angles					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	SIDE KEELSONS, Number					
" " " at intermdt. Bkts						" Angles or Bulb Angles					
" " " from 1/2 length to Collision bulkhead						" Plate above floors, for length					
" " " in peaks						" Intercostal Plate, for length					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Attached to outside Plating with Angle					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	BILGE KEELSON, Angles					
" " " at intermdt. Bkts						" Intercostal Plate for length					
" " " from 1/2 length to Collision bulkhead						" Attached to outside Plating with Angle					
" " " in peaks						SIDE STRINGERS, Number					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Angle					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" Intercostal Plate, for length					
" " " at intermdt. Bkts						" Attached to outside plating with Angle					
" " " from 1/2 length to Collision bulkhead						Upper Deck Stringer Plate, br'dth & thickness			4 1/2	4	4
" " " in peaks						(clear of Bridge)			4 1/2	4	4
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" " " br'dth & thickness			4 1/2	4	4
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	(in way of Bridge)			4 1/2	4	4
" " " at intermdt. Bkts						" " " Angle (clear of Bridge)			4 1/2	4	4
" " " from 1/2 length to Collision bulkhead						" " " Tie Plate at sides of Hatchways					
" " " in peaks						" Deck * Iron or Steel, for FULL lng.					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" " " Thickness (clear of Bridge)			4 1/2	4	4
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" " " (in way of Bridge)			3 1/2	3	3
" " " at intermdt. Bkts						" " " Wood Deck, Material & thickness					
" " " from 1/2 length to Collision bulkhead						Second Deck Stringer Plate, br'dth & thickness			4 1/2	4	4
" " " in peaks						" Angles on ditto, No. ONE			3 1/2 x 3 1/2	4	4
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Tie Plates outside Hatchways					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" Deck * Iron or Steel, for FULL lng.			3 1/2	3	3
" " " at intermdt. Bkts						" " " Wood Deck, Material & thickness					
" " " from 1/2 length to Collision bulkhead						Third Deck Stringer Plate, br'dth & thickness					
" " " in peaks						" Angles on ditto, No.					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Tie Plates, outside Hatchways					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" Deck * Material and thickness					
" " " at intermdt. Bkts						Fourth and Fifth Deck Stringer Plate, br'dth & thickness					
" " " from 1/2 length to Collision bulkhead						" Angles on ditto, No.					
" " " in peaks						" Tie Plates outside Hatchways					
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Deck Material & thickness					
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	Poop Deck Stringer Plate, breadth & thickness			3 1/2	3	3
" " " at intermdt. Bkts						" Angle on ditto			3 1/2 x 3 1/2	3	3
" " " from 1/2 length to Collision bulkhead						" Tie Plates			3 1/2	3	3
" " " in peaks						" Deck, Material and thickness			5 x 2 1/2	5 x 2 1/2	5 x 2 1/2
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	Bridge Deck Stringer Plate, br'dth & thickness			6 1/2	6	6
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" Angle on ditto			5 x 5	60	60
" " " at intermdt. Bkts						" Tie Plates			STEEL DE	40	40
" " " from 1/2 length to Collision bulkhead						" Deck, Material and thickness			5 x 2 1/2	5 x 2 1/2	5 x 2 1/2
" " " in peaks						Forecastle Deck Stringer Plate, br'dth & thickness			3 1/2	3	3
VERSEO FRAME, Angles			13 1/2	5 1/2	42 1/2	" Angle on ditto			3 1/2 x 3 1/2	3	3
Do. in way of Double Bottoms at Solid Floors			13 1/2	5 1/2	42 1/2	" Tie Plates					
" " " at intermdt. Bkts						" Deck, Material and thickness			STEEL	3 1/2	3 1/2
" " " from 1/2 length to Collision bulkhead											
" " " in peaks											



WEB FRAMES.				FORGINGS or CASTINGS.			
WEB FRAMES, In Fore Body, No. and spacing				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 UNDER 12k			
brdth. & thickness				Main-Piece, diameter at head			
No. of Side Stringers				at heel			
Size of Face Angles to Web-Frames				RUDDER, how constructed			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				Thickness of Plates or Single Plate			
Can the Rudder be unshipped afloat?				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.			
Has the Steel been tested as required by the Rules?				BULKHEADS.			
Number, Thickness, STIFFENERS.				Single or Double Frames, Height up.			
W.T. BULKHEADS				COLLISION			
PARTITION				LONGITUDINAL			
Are the outside Plates doubled two spaces of Frames in length				Are the Hatch Covers and Watertight Doors in efficient working order?			
PLATING.				RIVETING.			
AS IN SHIP.				EDGES.			
STRAKES.				BUTTS.			
FLAT PLATE KEEL				GABBOARD OF A Strake			
State actual thickness in way of Double Bottom.				SHEER STRAKE			
L				M			
N				O			
P				Q			
R				S			
T				U			
V				W			
THICKNESS OF SHEER STRAKE				CLEAR OF LONG BRIDGE			
DO. OF STRAKE BELOW				Dble. of Flat Plate Keel			
Sheerstrakes				Length and thickness			
POOP SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES				Upper Deck Stringer Plate			
Second Deck Stringer Plate				Inner Bottom Plating, riveting of Edges			
Centre Girder Butts				Keelson Butts			
Frames, riveted through Plates with				Rivets, state whether Iron or Steel			
FRAMES extend in one length from				REVERSED FRAMES on floors and frames extend from			
MASTS, SPARS, &c.				LOWER MASTS			
Bowsprit				Topmasts, Yards and Remainder of Spars			
Rigging, Material and Size, Shrouds				Sails			
11 x 2 3/4				10 1/2 x 2 3/4			
9 x 10 1/2 x 4 1/2				9 x 10 1/2 x 4 1/2			
10 1/2 x 4 1/2				10 1/2 x 4 1/2			
11				11			
1 8 1/2				8 1/2			
Built Forging				110			
Can the Rudder be unshipped afloat?				No			
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.				Sims, Martin, Process, & Co.			
Has the Steel been tested as required by the Rules?				No			
Number, Thickness, STIFFENERS.				Single or Double Frames, Height up.			
W.T. BULKHEADS				COLLISION			
PARTITION				LONGITUDINAL			
Are the outside Plates doubled two spaces of Frames in length				Are the Hatch Covers and Watertight Doors in efficient working order?			
PLATING.				RIVETING.			
AS IN SHIP.				EDGES.			
STRAKES.				BUTTS.			
FLAT PLATE KEEL				GABBOARD OF A Strake			
State actual thickness in way of Double Bottom.				SHEER STRAKE			
L				M			
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T				U			
V				W			
THICKNESS OF SHEER STRAKE				CLEAR OF LONG BRIDGE			
DO. OF STRAKE BELOW				Dble. of Flat Plate Keel			
Sheerstrakes				Length and thickness			
POOP SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES				Upper Deck Stringer Plate			
Second Deck Stringer Plate				Inner Bottom Plating, riveting of Edges			
Centre Girder Butts				Keelson Butts			
Frames, riveted through Plates with				Rivets, state whether Iron or Steel			
FRAMES extend in one length from				REVERSED FRAMES on floors and frames extend from			
MASTS, SPARS, &c.				LOWER MASTS			
Bowsprit				Topmasts, Yards and Remainder of Spars			
Rigging, Material and Size, Shrouds				Sails			

EQUIPMENT No. 35944				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Weight of Stock.				Weight Required by Table 31.			
1st Bower				2nd				3rd			
4th				Collective weight				Stream			
Kedge				Chain Cables.				HAWERS AND WARPS.			
Number of Certificate.				Length and size supplied.				Makers of Cables.			
1st				2nd				3rd			
4th				Collective weight				Stream			
Kedge				Boats				Pumps, Number			
1st				2nd				3rd			
4th				Collective weight				Stream			
Kedge				Boats				Pumps, Number			
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4th				Collective weight				Stream			
Kedge				Boats				Pumps, Number			
1st				2nd				3rd			



## PARTICULARS OF LONGITUDINAL FRAMING.

GENERAL

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spacing.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
		In.	Ins.	Ins.	In.	Ins.	Ins.	In.	Ins.	Ins.	In.	Ins.	Ins.			Number.	Diameter. Inches.
Framing of <b>K, L &amp; R</b> .....		4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
Frames in Bridge 'tween Decks ...		4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
Frames from Uppermost Continuous Deck	No. 1	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 2	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 3	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 5	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 6	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 7	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 8	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 9	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	No. 10																
	No. 11																
	No. 12																
	No. 13																
	No. 14																
	No. 15																
	No. 16																
Spacing of Longitudinal Frames	Amidships	30"			34"			30"			34"						
	At Ends																
Double Bottoms	Tank Top Longitudinals	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	Bottom	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	4	4	3 1/2	5	1/4
	Amidships	30"			34"			30"			34"						
	At Ends																
Transverses.																	
In Bridge	Depth and Thickness	15	38	15	38	15	38	15	38	15	38	15	38	15	38	15	38
'tween Decks	Face Angles B.A.	8	3 1/2	60	8	3 1/2	60	8	3 1/2	60	8	3 1/2	60	8	3 1/2	60	8
	Lugs to Shell	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	15	38	15	38	15	38	15	38	15	38	15	38	15	38	15	38
	Face Angles B.A.	9	3 1/2	74	9	3 1/2	74	9	3 1/2	74	9	3 1/2	74	9	3 1/2	74	9
	Lugs to Shell	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2
In Hold.	Depth and Thickness	22	46	22	46	22	46	22	46	22	46	22	46	22	46	22	46
	Face Angles B.A.	9	3 1/2	64	9	3 1/2	64	9	3 1/2	64	9	3 1/2	64	9	3 1/2	64	9
	Lugs to Shell	5	5	46	5	5	46	5	5	46	5	5	46	5	5	46	5
	Brackets	8	3 1/2	42	8	3 1/2	42	8	3 1/2	42	8	3 1/2	42	8	3 1/2	42	8
Spacing of Transverse Frames		12'-0" APART AS APPROVED.															
		SHELL LUGS JOGGED.															
Longitudinal Beams of <b>K, L &amp; R</b>	Bridge Deck	6	2	40	6	2	40	6	2	40	6	2	40	6	2	40	6
	Awg. or Shldr. Dk.	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4
	Upper	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4
	Second	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4
	Third	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4	3 1/2	42	4
Transverse Beams.																	
		13	38	9	3 1/2	74	13	38	9	3 1/2	74	13	38	9	3 1/2	74	13
		14	40	9	3 1/2	64	14	40	9	3 1/2	64	14	40	9	3 1/2	64	14
		15	42	9	3 1/2	58	15	42	9	3 1/2	58	15	42	9	3 1/2	58	15

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

10,11,10.—T.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 35.75 ft., R.Q.D. ☒ ft., Bridge 28.75 ft., Forecastle 40.40 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). 2 DECKS (STEEL) WEB FRAMES & LONGITUDINAL FRAMING.

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_. State if Machinery is fitted aft AMID.  
How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT & PAINT. 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,	123-0	365	Fore peak tank,		124
Double bottom, under Engines and Boilers,	44-6	810	After peak tank,		31
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	173-0	666	Other tanks, if fitted,		
Total capacity of double bottom		1241	(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.

Order for Special Survey No. 2676.

Date 26<sup>th</sup> Dec 1911.

No. 238 in builder's yard.

Dates of Surveys held while building

1911 Dec. 21. 26. 1912 Feb. 14. 20. 28. Mar. 1. 4. 7. 12. 14. 22. 27. 29. April 6. 18. 24. 30. May 7. 10. 13. 17. 20. 22. June 6. 11. 18. 26. July 18. 22. 26. 30. Aug. 1. 6. 11. 21. 26. 27. Sept. 4. 11. 19. 24. 30. Oct. 4. 9. 14. 16. 23. 25. 29. 31. Nov. 6. 15. 19. 21. 27. 28. Dec. 2. 5. 10. 13. 17. 19. 24. 26. 1913 Jan. 10. 14. 17. 22. 27. 29. Feb. 4. 11. 15.

Total No. of Visits 73.

Surveyor's Signature

Lloyd's Register Foundation