3 Decks.

~~IRON OR~~ STEEL STEAMER.

SAT. 12 JUL 1902 Received at London Office 1271

State if Report is also sent on the Machinery of the Vessel: No

Date of completion of report: 11th July 1902 — Port of: Belfast — No. 5458

Survey held at: Londonderry — Date, First Survey: 3rd Sept 1901 — Last Survey: 10th June 1902

On the: S.S. Barone Edmondo Vaij — Rig: Schooner

TONNAGE under Tonnage Deck	2634.06
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	82.96
Do. of Bridge House	
Do. of Forecastle	38.07
Do. of Houses on Dk.	70.73
Do. of excess of Hatchways	26.46
Do. above Crown of Engine Room	41.47
Gross Tonnage	2893.75
...Crew Space	64.92
...ove Crown of ...ine Room	41.44
...GE FOR FEES	2787.36
...gine Room	926.00
...vigation Spaces	80.61
...er Tonnage ...t on Beam	1887.14

THREE DECKED VESSEL.

CLASS 100 A.1.

	FEET.
Half Breadth (moulded)	22.87
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam)	24.87
Girth of Half Midship Frame (as per Rule)	43.25
	90.99
deduct 7 feet	7.00
1st Number	83.99
Length on deck from after part of stem to fore part of stern post	323.2
2nd Number	27145
Proportions—Breadth to Length	7.06
Depth to Length—Upper Deck to top of Keel	12.99
Main Deck ditto	

Master:

Year of appointment: (1) As Master in service of owner of present vessel:—18 (2) As Master of this vessel 18

Built at: Londonderry

When built: 1901-2 Launched: 4th June 1902

By whom built: Londonderry S. & E. Co. Ld.

Owners: Credia Matteo Premuda & Co.

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

Residence: Lussinpiccolo Austria

Port belonging to: Lussinpiccolo

Destined Voyage: Glasgow for Mach.s If Surveyed while Building / Afloat, ~~or in Dry Dock~~: Yes

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.		
...TH on Deck ...r Rule	323	2½	BREADTH—Moulded	45	9	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams / Do. do. do. do. Main Dk. Beams	21	4	No. of Decks with flat laid / No. of Tiers of Beams	One / One

...ons of Ship per Register, Length 324.0 breadth 46.0 depth 21.3. Moulded depth, ft. 23 ins. 11 To Upper Dk. Round of Upper Dk. Beam, Actual 11½ ins.

FRAMING.	Inches in Ship	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule s Approved	20ths per Rule ved.
...E, ~~[struck through]~~ Bars for ⅗ length amidships	8½	3½	11	8½	3½	11
...or ⅕ at each end	8½	3½	10	8½	3½	10
...n way of Double Bottoms at Solid Floors	3½	3½	8-7	3½	3½	8-7
,, ,, at intermdt. Bkts.						
...e of Frames from moulding edge to ...ding edge, all fore and aft	24			24		
...RSED FRAME, Angles						
...FRAMING, depth of girder	8½			8½		
...RS, depth and thickness of Floor Plate at mid-line for ⅗ length amidships						
...in way of Engines and Boilers						
...thickness at the ends of vessel						
...lepth at ¾ the half breadth, as per Rule						
...height extended at the Bilges						
...RS & BRACKETS in Cell Dble Bottoms	42		8	42		8
,, Distance apart	24			24		
...RE GIRDER, in Double bottom, depth and thickness	42		10.8	42		10.8
,, Angles, Top	4	4	9.8	4	4	9.8
,, ,, Bottom	6½	4	9.8	6½	4	9.8
...GIRDERS, number on each side & thickness	1		8	1		8
,, Angles	3½	3½	7	3½	3½	7
...IN PLATE, depth (exclusive of flange) and thickness	34		9	32		9
,, Angles to Outside Plating	4	4	9	4	4	9
BOTTOM PLATING, breadth and thickness of Middle Line Strake	36		10.8	36		10.8
,, ,, in Engine and Boiler space			10-11			10-11
,, ,, Remainder in Holds			8			8
...s, Upper Deck, ~~Single Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	8½	3½	11	8½	3½	11
Angles on upper edge						
Average space	24			24		
...s, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on upper edge						
Average space						
...s, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on upper edge						
Average space						
..., Hold, or Orlop, Plate or Tee Bulb						
Angles on upper edge						
Average space						
...MS, Poop Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	6	3	8	6	3	8
Angles on upper edge						
Average space	24			24		
...MS, Bridge Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	7	3	9	7	3	9
Angles on upper edge						
Average space	24			24		
...AMS, Forecastle Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	7	3	9	7	3	9
,, Angles on upper edge						
,, Average space	24			24		
...LARS, In 'tween Deck, size and spacing	2¾	spaced	48	2¾	spaced	48
,, ,, Hold ,, ,,	4¼	"	"	4¼	"	"
,, Quarter 'tween Dks., ,, ,,	—					
,, ,, in Hold ,, ,,	—					
WEB-FRAMES, In Fore Body, No. and spacing	10	6 frames		10	6 frames	
,, ,, ,, brdth. & thickness	20		8	20		8
,, No of Side Stringers ,, ,,	3			3		
WEB-FRAMES, In E. & B. Space, No. & spacing	3	6 & 5 frames		3	6 & 5 frames	
,, ,, ,, brdth. & thickness	20		8	20		6
WEB-FRAMES, In After Body, No. and spacing	7	6 frames		7	6 frames	
,, ,, ,, brdth. & thickness	20		8	20		8
,, No. of Side Stringers ,, ,,	3			3		
,, Size of Angles ~~or Tee Bars~~ to Web-Frames	6	4	12	6	4	12
BRACKET PLATES to Stringers between Web Frames, depth and thickness	14		8	14		8

FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates, depth and thickness	Flat plate	
STEM, moulding and thickness	10½×2¾	10½×2¾
STERN-POST for Rudder do. do.	11×6	11×6
,, for Propeller	11×6	11×6
MAIN PIECE of Rudder, diameter at head	8½	8½
,, ,, do. at heel	7⅞×5¼	7⅞×5¼ as appd.

RUDDER, how constructed: Cast steel frame single plate

Can the Rudder be unshipped afloat? Yes.

KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule s Approved	20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate						
,, Rider Plate						
,, Bulb Plate to Intercostal Keelson						
,, Horizontal Plates on Floors						
,, Angles						
SIDE KEELSON, Angles						
,, Bulb or Plate above floors, for lng.						
,, Intercostal Plate, for length						
,, Attached to outside Plating with Angle						
BILGE KEELSON, Angles						
,, Bulb or Plate above floors, for lng.						
,, Intercostal Plate for length						
,, Attached to outside Plating with Angle						
BILGE STRINGER Angles						
,, Bulb Plate for length						
,, Intercostal Plate for length						
,, Attached to outside Plating with Angle	See web frames					
SIDE STRINGER Angles full	6	4	12	6	4	12
,, Bulb or Intercostal Plate, for full lng.	20	-	8	20		8
,, Attached to outside plating with Angle	3½	3½	9.8	3½	3½	9.8
Upper Deck Stringer Plates, br'dth & thickness	46½		12	46½		12
,, Angle on ditto	4×4		9.8	4×4		9.8
,, Tie Plates fore and aft, outside Hatchways	4½×4½		10.9	4½×4½		10.9
,, Deck.* ~~Iron or~~ Steel, for full lng.			7.6			7.6
,, Wood Deck. Material & thickness						
Middle Deck Stringer Plate, br'dth & thickness						
,, Angles on ditto, No.						
,, Tie Plates outside Hatchways						
,, Diagonal Tie Plates on Bms., No. of prs.						
,, Deck.* Iron or Steel, for lng.						
,, Wood Deck. Material & thickness						
Lower Deck Stringer Plate, br'dth & thickness						
,, Angles on ditto, No.						
,, Tie Plates, outside Hatchways						
,, Deck.* Material and thickness						
Hold, or Orlop Stringer Plate, br'dth & thckn's						
,, Angles on ditto, No.						
,, Tie Plates outside Hatchways						
,, Deck. Material and thickness						
Poop Deck Stringer Plate, breadth & thickness	30		6	30		6
,, Angle on ditto	3½×3½		7	3½×3½		7
,, Tie Plates						
,, Deck. Material and thickness Steel			6			6
Bridge Deck Stringer Plate, br'dth & thickness	35		8	35		8
,, Angle on ditto	3½×3½		8	3½×3½		8
,, Tie Plates						
,, Deck. Material and thickness Steel			6			6
Forecastle Deck Stringer Plate, b'dth & th'kns	32		6	30		6
,, Angle on ditto	3½×3½		7	3½×3½		7
,, Tie Plates Plaad at centre			8			
,, Deck. Material and thickness P.P.	5×3			5×3 P.P.		

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

BULKHEADS.	Number In Vessel.	Number Per Rule.	Thickness. ~~16ths or~~ 20ths.	STIFFENERS. ~~Horizontal~~ Size. Inches.	Spacing Inches.	Vertical Size. Inches.	Spacing Inches.	Single or Double Frames.	Height up.
W. T. BULKHEADS	5	5	7-6	as appd.		7×3×9/20	30	Dbl.	U. Dk.
PARTITION ,,	1		6	with webs and semi-box beams					
LONGITUDINAL ,,									

Are the outside Plates doubled two spaces of Frames in length? Appd. liners

Are the ~~Sluice Valves and~~ Watertight Doors in efficient working order? Not yet fitted

WB99-01492

Form No. 1B. 9-96

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M 22 Aug 1901

STRAKES.	PLATING. As in Ship. Amidship. Breadth. (Inches)	Amidship. Thickness. (16ths or 20ths)	Forward. Thickness.	Aft. Thickness.	Per Rule or as Approved. Amidship. Breadth.	Thickness.	RIVETING. Edges. Single or Double.	Breadth of Lap.	Rivets. Diam.	Spacing cr. to cr.	Butts. Double or Treble and for what Length.	Rivets. Diam.	Spacing cr. to cr.	Straps. Breadth.	Thickness.	If Lapped. Breadth.	For what Length.
Flat Plate Keel (If Bar Keel, state Riveting)	36	19	14	14	36	19-13	Dbl.	6	1	4	Tbl.	1	3 1/2	Dk 19 1/2	14-12		
Garboard or A Strake	54	15	13	12	54	15-12		5 1/4	7/8	3 7/16	"	"	"				
B " (State actual thickness in way of Double Bottom)		11	11	9		11-9		"	"	"	Quad	7/8	"			10 1/2	Full
C "		11	10	13		11-9		"	"	"	"	"	"			12 1/4	"
D "		12	9	14		12-9		"	"	"	"	"	"			"	
E "		12	9	14		12-9		"	"	"	Tbl.	"	3/8			9	"
F "		12	9	13		12-9		"	"	"	"	"	"			"	"
G "		12	9	12		12-9		"	"	"	"	"	"			"	"
H "		12	9	12		12-9		"	"	"	"	"	"			"	"
J "		12	9	10		12-9		"	"	"	"	"	"			"	"
K "		14	9	10		14-9		6	1	4	Quad	1	4			14 1/8	"
Sheerstrake L "	44	15	10	10	44	15-16	Sgl.	3	7/8	3 7/16	"	"	"			"	"
M "																	
N "																	
O "																	
P "																	
Q "																	
R "																	
Doubling of Flat Plate Keel	Increased thickness in lieu						Doubled at bridge ends										
Length and thickness of Bilges														Sheerstrakes			
of Sheerstrakes		Do.			Do.												
of Strake below		Do.			Do.												
Poop Sides			7			7	Sgl.	2 1/2	3/4	3				9 3/4	7 8	5	Full
Bridge Sides	9					9 (double at ends)		·83	·8 7/8	·8 3/16				"	9	5	"
Forecastle Sides		7				7		"	"	"				"	7	5	"

Write 'Sheer Strake' opposite its corresponding letter.

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.? Angles, D. Colville Sons, Steel Coy. of Scotland Ld., Lanarkshire Steel Coy., Ld. Plates, Clyde Bridge Steel Coy., Glasgow Iron & Steel Coy., Ld., Steel Coy. of Scotland Fenke Coy., Holland.

Has the Steel been tested as required by the Rules? Yes

Upper Deck Stringer Plate | **Butts,** ~~treble~~ Quad riveted for 3/4 length amidship. **Straps,** ~~single, double or~~ overlapped for whole length amidship.

Middle Deck Stringer Plate | **Butts,** treble riveted for ... length amidship. **Straps,** single, double or overlapped for ... length amidship.

Butts of Bilge & Side Stringers and Tie Plates, ~~treble~~ or double riveted?

Inner Bottom Plating, riveting of **Edges** Dbl & Sgl. **Butts** Dbl.

Centre Girder Butts, Tbl. riveted **Keelson Butts,** Tbl. riveted.

Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/4 apart.

Rivets, state whether Iron or Steel Iron.

FRAMES extend in one length from Centre girder to margin plate & from margin plate to gunwale.

REVERSED FRAMES on floors and frames extend from centre girder to margin plate and in peaks to gunwale ~~bulb angle~~ framing elsewhere.

MASTS, SPARS, &c.

	Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Size.	Riveting. Seams.	Butts.
Lower Masts — Fore	Steel	75. 3	20 × 7/20	16 × 6/20		16 1/2 × 6/20	Two			Sgl.	Tbl & Dbl
Main	Do	60. 2	20 × 7/20	18 1/2 × 6/20		16 1/2 × 6/20	Do			Do.	Do
Mizen											
Bowsprit											

Topmasts, Yards and Remainder of **Spars** Telescopic topmasts P. P.

Rigging, Material and Size, **Shrouds** 2 3/4 **Stays** 2 1/4, 2 3/4, 3"

Sails. One Suit of fore & aft. Sails, and the following spare sails None

EQUIPMENT No. 31080 **LETTER** u

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 22. Cwts.	qrs.	lbs.	Description of Anchor. (If Patent state name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
23545	1st Bower	45	3	14	Stockless			39	15	3	21	45	2	0	Britannic	Not given	L.P.H.T. 19/4/02
23525	2nd	45	2	0	"			39	11	1	0	45	2	0	Sykes patent	"	" 14/4/02
23543	3rd	40	0	21	"			35	16	3	14	39	0	0	Do	"	" 18/4/02
	4th																C. E. Perrins
	Collective weight	131	2	7	Stock							130	0	0			Hammer Drop & Bend
23579	Stream	11	1	3	2	3	21	13	2	2	0	11	1	0	Iron stock	"	Do 26/4/02
23578	Kedge	5	2	14	1	1	24	7	18	1	21	5	2	0	"	"	" 26/4/02

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable. Supplied.	Per Table 22.	Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
23466	270 (3 ft)	1 15/16	94 1/2 / 67 1/2	515.2.21	511.1.14	270 × 1 15/16	Steel	Not given	L.P.H.T. 24/4/02 C. E. Perrins
~~Iron~~ Stream ~~Chain~~ ~~or~~ Steel Wire	90	4 1/4	35			90-4 1/4			

HAWSERS AND WARPS.

	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Table 22.
Towline		100	4	33	100 - 4"
Hawser	2 of	90	2 1/2	18	2 of 7"
Warp	2 of	90	2 1/4	15	2 of 6"

Boats 2 Life and 2 others

Pumps, Number 1 4 1/2" Downton & one

Windlass is Iron patent Diameter of Barrel 5" in peak State whether they are in efficient working order Not tried

Capstan

Engine Room Skylights.—How constructed? Steel casings

What arrangements for deadlights in bad weather? Steel flaps & glass lights.

Coal Bunker Openings.—How constructed? Steel coamings How are lids secured? Battened Height above deck? 9"

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 6 Scuppers & 6 freeing ports 3.0 × 1-10 each side

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

Cargo Hatchways.—How formed? Steel coamings **Hatches,** If strong and efficient? Yes.

State size **No. 1 Hatch** (Forward) 16 × 24 **No. 2 Hatch** 16 × 24 **No. 3 Hatch** 16 × 24 **No. 4 Hatch** 16 × 24

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch 2 Web plates & 3 fore and afters to each hatchway 1 hatch 8 × 16 under bridge house

No. of Breasthooks 10 **No. of Crutches** 3 & deep floors

Bulwarks, height above deck and description 3'8" Steel plates 5/20 thick Main Rail, material and size 6 × 3 × 8/20 Bulb angle

The above is a correct description. THE LONDONDERRY SHIPBUILDING & ENGINEERING Co. Ltd.

Builder's Signature (here only) W. H. Dellwett Managing Director.

Surveyor's Signature E. J. Milton

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

Form No. 1B.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with this case*) M 22nd Aug 1901 16th Sept 1901. 23rd Sept 1901. 3rd Oct 1901.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed and lapped.

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? 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.)

This vessel has been built in accordance with the Rules and the approved plans, except with regard to the following items, which remain to be dealt with at Glasgow, where she has been towed to receive her machinery

The workmanship and materials are, so far, good throughout.

To be completed at Glasgow

Engine and Boiler casing, saddle back etc to complete & rivet

Hinge door to fit to Poop front.

Mast coats, & winches to fit.

Steam steering gear to complete

Pumping arrangements & watertight doors to fit and test

Tunnel in after hold to rivet and test

The Glasgow Surveyors have been advised.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27 ft., R.Q.D. or Break — ft., Bridge Dk. 94 ft., F'castle 34 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Not joined

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 Dk (Steel) Deep framing and web frames

Official No. Signal Letters

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 Cell DB

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	102	249	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	10	32
Double bottom, if under Engines only,	20	60	Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	144	376 (685)	(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. 457 Date 12 Sep 1901 No. 51 in builder's yard.

Dates of Surveys held while building: 1901. Sept 3. 18. 26. Oct 7. 14. 17 Nov 4. 12. 28 Dec 12. 1902 Jan 14. 29 Feb 14. Mar 1. 8. 17. 18. Apl 2. 15. 29. May 3. 7. 9. 27. June 3. 10.

Total No. of Visits 26

The amount of Entry Fee £5 : 0 : 0

Special Survey Fee £94 : 13 : 6

Travelling Expenses, if any £29 : 19 : 6

4. 12 pd.

Fees applied for, 11 July 1902

Received by me, £129-13-0 pd 14/8/02 15/8/02 £4-12 31.7.02

Certificate to be sent to This Office

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed ✠ 100 A 1 Steel

With, or without Freeboard, as condition of Class Without

E. J. Milton

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

Committee's Minute TUES. 5 AUG 1902

Character assigned 100 A1 Steel subject

Lloyds a/c

+ LMC 7, 02

G N

Write Bgl

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

Hull Certificate Written 15/8/02

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W699-0149