

Spar, or Awning Dk. IRON OR STEEL STEAMER.

No. 24676

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

Port of *Glasgow* Date of completion of Report *20th January* Received at London Office *THUR. DEC 6 1906*

Survey held at *Glasgow* Date, First Survey *20th January* Last Survey *28th November 1906*

On the *Steel Screw Steamer "VALBANERA"* Rig *Schooner*

TONNAGE under Tonnage Deck *3271.54* SPAR, ~~AWNING OR PART AWNING DECKED VESSEL,~~ Master *J. Surino*

Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk. *1277.83* or a Vessel having a continuous Shade Deck.

Total under Upper Dk. *4549.37* CLASS *+ 100 Q. 1. SPAR DECK.* Year of Appointment *1896*

Do. of Poop *102.21* Half Breadth (moulded) *23.91* Built at *Whiteinch Glasgow*

Do. of Bridge House *165.95* Depth from upper part of keel to top of Main Deck Beams *25.19* When built *1906* Launched *31st Oct/06*

Do. of Forecastle *71.04* Girth of Half Midship Frame (as per Rule) *45.0* By whom built *C. Connell & Co. Ltd.*

Do. of Houses on Deck *3.73* 1st Number *94-106* Owners *Puigillos Izquierdo & Co.*

Do. of excess of Hatchways *26.90* Length on deck from after part of stem to fore part of stern post *394.5* Managers *(Where necessary to be entered in Reg. Book.)*

Do. above Crown of Engine Room *4949.20* 2nd Number *34404-13* Residence *Cadix*

Gross Tonnage *60.97* Proportions—Breadths to Length *11.99* Port belonging to *Cadix*

Less Crew Space *26.90* Depths to Length—*Spar* Deck to top of Keel *15.78*

above Crown of Engine Room *4911.33* Destined Voyage *Barcelona* *Surveyed while Building, Afloat, or in Dry Dock*

Navigation Spaces *37.90*

Master Tonnage *3300.59*

cut on Beam *3300.59*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Ft.	Ins.	Power of Horse.	No. of Decks with flat laid
	399	6	Moulded	47	10	Do.	27	6	Engines	2
Dimensions of Ship per Register, Length <i>399.4</i> breadth <i>48.05</i> depth <i>29.5</i> Spar <i>21.5</i> Main Deck <i>21.5</i> Moulded depth, ft. <i>25</i> To Main Dk. <i>32-2-Spar</i> Round up of Main Dk. Beam, Actual <i>11 3/4</i>										

FRAMING.						FORGINGS AND CASTINGS.					
NAME, Angles, Bars, for 1/2 length amidships						KEEL, Bar or Side Plates, depth and thickness					
Do. for 1/2 at each end	5 1/2	3 1/2	9	5 1/2	3 1/2	STEM, moulding and thickness	11 x 3 1/2	11 x 3 1/2	11 x 3 1/2	11 x 3 1/2	11 x 3 1/2
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9	3 1/2	3 1/2	STERN-POST for Rudder do. do.	11 x 1/2	11 x 1/2	11 x 1/2	11 x 1/2	11 x 1/2
Do. in way of Double Bottoms at intermt. Bkts.	2 1/2	2 1/2	9	2 1/2	2 1/2	MAIN PIECE of Rudder, diameter at head	10	10	10	10	10
acing of Frames from centre to centre	24	24	24	24	24	do. at heel	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
EVERSED FRAME, Angles	5	5 1/2	9	5	5 1/2	RUDDER, how constructed	Forged frame. Single plate 22/20.				
DEEP FRAMING, depth of girder	4 1/2	4 1/2	9	4 1/2	4 1/2	Can the Rudder be unshipped afloat?	Yes.				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3 1/2	3 1/2	9	3 1/2	3 1/2	KEELSONS AND STRINGERS.					
Do. in way of Engines and Boilers	4 1/2	4 1/2	9	4 1/2	4 1/2	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
Do. thickness at the ends of vessel	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Rider Plate					
Do. depth at 1/2 the half-bdth. as per Rule	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Bulb Plate to Intercoastal Keelson					
Do. height extended at the Bilges	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Horizontal Plates on Floors					
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom)	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angles					
spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	SIDE KEELSON, Angles					
ENTRE GIRDER, in Double bottom, depth and thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Bulb or Plate above floors, for lng.					
Angles, Top	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Intercoastal Plate, for length					
Bottom	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Attached to outside plating with Angle					
IDE GIRDERS, number and thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	BILGE KEELSON, Angles					
state if flanged (top & bottom)	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Bulb or Plate above floors, for lng.					
Angles	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Intercoastal Plate, for length					
MARGIN PLATE, depth (exclusive of flange) and thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Attached to outside plating with Angle					
Angles to outside plating	4 1/2	4 1/2	9	4 1/2	4 1/2	BILGE STRINGER Angles					
to floors	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Bulb Plate, for length					
Height of floors at the Bilges	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Intercoastal Plate, for full length					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Attached to outside plating with Angle					
Remainder in Holds	4 1/2	4 1/2	9	4 1/2	4 1/2	SIDE STRINGER Angles					
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Bulb or Plate above floors, for lng.					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Intercoastal Plate, for full lng.					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Attached to outside plating with Angle					
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	Spar, or Awning Deck Stringer Plates, breadth and thickness					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angle on ditto					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates, fore and aft, outside Hatchways					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Diagonal Tie Plates, No. of prs.					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Steel, for full lng.					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Wood Deck, Material & thickness					
BEAMS, Hold or Orlop, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	Main Deck Stringer Plate, breadth & thickness					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angles on ditto, No. 2					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates, outside Hatchways					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Diagonal Tie Plates, No. of prs.					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Steel, for full lng.					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Wood Deck, Material & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	Lower Deck Stringer Plates, br'dth & thck'n's					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angles on ditto, No. 2					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates, outside Hatchways					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Material and thickness					
Angles on upper edge	4 1/2	4 1/2	9	4 1/2	4 1/2	Hold or Orlop Stringer Plate, br'dth & thck'n's					
Spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angles on ditto, No. 2					
PILLARS, In tween Deck, size and spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates, outside Hatchways					
Hold	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Material and thickness					
Quarter, tween Dks.,	4 1/2	4 1/2	9	4 1/2	4 1/2	Poop Deck Stringer Plate, breadth & thickness					
in Hold	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angles on ditto					
WEB-FRAMES, In Fore Body, No. and spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates					
br'dth. & thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Material and thickness					
No. of Side Stringers	4 1/2	4 1/2	9	4 1/2	4 1/2	Bridge Deck Stringer Plate, br'dth & thickness					
WEB FRAMES, In E. & B. Space, No. & spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angle on ditto					
br'dth. & thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates					
WEB FRAMES, In After Body, No. and spacing	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Material and thickness					
br'dth. & thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	Forecastle Deck Stringer Plate, br'dth & th'kns					
No. of Side Stringers	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Angles on ditto					
Size of Angles or Tee Bars to Web Frames	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Tie Plates					
BRACKET PLATES to Stringers between Web Frames, depth and thickness	4 1/2	4 1/2	9	4 1/2	4 1/2	do. Deck, Material and thickness					

PLATING.										RIVETING.																																																																																																																
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		STRAPS.		IF LAPPED.																																																																																																													
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled.		RIVETS.		STRAPS.		IF LAPPED.																																																																																																													
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing.	Breadth.	Thickness.	Breadth.	Thickness.																																																																																																												
FLAT PLATE KEEL	46	22	14	14	46	22	DOUBLE	6	1	4	18	4	16	FULL.																																																																																																												
GARBOARD OR A Strake	56	14	13	14	56	14	"	5 1/2	7/8	3 3/4	18	3 1/2	10 1/2	"																																																																																																												
B "	"	11	11	10	"	11	"	"	"	"	"	"	9	"																																																																																																												
C "	"	12	12	10	"	12	"	"	"	"	"	"	12	"																																																																																																												
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J "	"	13	"	"	"	13	"	"	"	"	"	"	"	"																																																																																																												
K "	"	13	"	"	"	13	"	"	"	"	"	"	"	"																																																																																																												
MAIN DECK SHEER	48	13	9	9	13	9	"	6	1	4	"	"	"	"																																																																																																												
M "	"	15	9	9	15	9	"	6	1	4	"	"	10 1/2	"																																																																																																												
SPAR DECK SHEER	44	16	11	11	44	16	"	"	"	"	"	"	14	"																																																																																																												
O "	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																												
P "	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																												
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Length and thickness of Sheerstrakes.																																																																																																																										
Length and thickness of Strake below																																																																																																																										
POOP SIDES	8				8		SINGLE	3	3/4	2 3/4	DOUBLE	3/4	2 3/4	5																																																																																																												
BRIDGE SIDES							SINGLE	3	3/4	2 3/4	DOUBLE	3/4	2 3/4	5																																																																																																												
FORECASTLE SIDES	8				8		SINGLE	3	3/4	2 3/4	DOUBLE	3/4	2 3/4	5																																																																																																												
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. <i>Hall's, Glasgow. Dalzell.</i>																																																																																																																										
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Beams, Borman, Calderbank, Clydebridge.																																																																																																																										
Mast, Parkhead, Clydesdale, Blochman.																																																																																																																										
Open Hatch process.																																																																																																																										
Has the Steel been tested as required by the Rules? <i>Yes.</i>																																																																																																																										
FRAMES extend in one length from <i>centre line to margin & thence to Spar, Rigg & Mast</i> state if ordinary or joggled? <i>ordinary</i>																																																																																																																										
REVERSED FRAMES on floors and frames extend from <i>centre line to margin & thence to Spar & main deck</i> state if ordinary or joggled? <i>ordinary</i>																																																																																																																										
MASTS, SPARS, &c.																																																																																																																										
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Rigging, Material and Size, Shrouds <i>Steel wire 3/4".</i>																																																																																																																										
Sails. <i>One</i> Suit of Working Sails, and the following spare sails <i>Stays Steel wire 3/4".</i>																																																																																																																										
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8462	2nd "	60	0	4	48	10	0	60	0	0	do.	do.	do.																																																																																																													
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Boats 4 Life & 5 others. Diameter of Barrel 5" State whether they are in efficient working order <i>Yes.</i>																																																																																																																										
Pumps, Number <i>One Down in</i> Capstan																																																																																																																										
Windlass is <i>Clarke Chapman's patent.</i>																																																																																																																										
Engine Room Skylights. - How constructed? <i>Steel.</i>																																																																																																																										
What arrangements for deadlights in bad weather? <i>Steel shutters & bulls eyes.</i>																																																																																																																										
Coal Bunker Openings. - How constructed? <i>Thick & built</i> How are lids secured? <i>By metal joints</i> Height above deck? <i>Thick.</i>																																																																																																																										
Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>Scuppers 7 each side, Ports 6 = 8' 4" x 1' 4".</i>																																																																																																																										
Ceiling in Holds, thickness and material <i>2 1/2" w.p.</i> Cargo Battens, thickness and material <i>2" w.p.</i>																																																																																																																										
Cargo Hatchways. - How formed? <i>Plated & angled</i> Hatches, If strong and efficient? <i>Yes - 3 Thick.</i>																																																																																																																										
State size No. 1 Hatch (Forward) <i>16' 0" x 12' 0"</i> No. 2 Hatch <i>16' 0" x 12' 0"</i> No. 3 Hatch <i>16' 0" x 12' 0"</i> No. 4 Hatch <i>16' 0" x 12' 0"</i>																																																																																																																										
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>Web Plate & 3 fore & after to each Hatch.</i>																																																																																																																										
No. of Breasthooks <i>Eight</i> No. of Crutches <i>Deep floor.</i>																																																																																																																										
Bulwarks, height above deck and description <i>4' 3" 5/20 Steel.</i> Main Rail and Stays, material and size <i>7</i>																																																																																																																										
The above is a correct description. <i>CHARLES BONNELL & CO., Limited.</i> Surveyor's Signature <i>F. R. Noton.</i>																																																																																																																										
Builder's Signature (here only) <i>William A. Smith Director.</i>																																																																																																																										

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

M. 7/12/05, 13/12/05, 18/1/06, 14/2/06, E 19/12/05.

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? *A few only.*

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.) *The workmanship throughout is good.*

This vessel has been built in accordance with the approved plan, Secretary's letter referred to above, and in general conformity with the Rules for the class contemplated.

This is a Spar deck with a poop & forecabin & one up deck beams in No. 1 Hold

Enclosed (9 Plans). Section, profile, decks, 2nd space, mast, rudder & skin frame & pumping plan, also 3 forging & casting reports.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *61* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *48* 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) *1 DK (54") & Spar dk (54"-w.s.) 2 tiers of beams - Orlop, DK beams in No. 1 Hold.*

Official No. *369*; Signal Letters *Portland cannot transmit. Outside. Paint.*

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.*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	122	284	Fore peak tank,		74
Double bottom, under Engines and Boilers,			After peak tank,		41
Double bottom, if under Engines only,	28	86	Deep tank aft,		
Double bottom, if under Boilers only, <i>Long tank</i>	30	92	Deep tank forward,		
Double bottom, forward,	160	392	Other tanks, if fitted,		
Total capacity,		854	(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. *413*

Date *7.2.06*

No. *369* in builder's yard.

DATES OF SURVEYS held while building

1906: Jan. 30. Feb. 1, 5, 14, 16, 20, 22, 27. Mar. 2, 5, 8, 13, 20, 22, 26. Apr. 2, 5, 10, 13, 18, 23, 26. May 2, 7, 11, 14, 16, 22, 28, 31. June 4, 8, 13, 18, 21. July 5, 9, 12, 25, 27, 30, 31. Aug. 2, 3, 6, 9, 13, 23, 30. Sep. 3, 6, 13, 17, 20, 26, 28. Oct. 1, 11, 18, 28, 30, 31. Nov. 6, 7, 14, 21, 22, 23, 27, 28.

Total No. of Visits *70*

The amount of Entry Fee *£ 5*

Special *£ 147*

Travelling Expenses, if any *£*

Fees applied for, *4.12.1906*

Received by me, *7.12.06*

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed *-100A1, Spar deck.*

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

Committee's Minute

Character assigned

FRI. DEC 7 1906

100A1

Spar dk

Lloyds sub. O

2 Dec. 11. 06

Electric light

Wise Gt

F. R. Noton.

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

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