

Awning or Shelter Deck,  
or Pt. Awning Deck.

STEEL STEAMER.

No. 610.

State if Report is also sent on the Machinery of the Vessel YES

Port of badir Date of completion of Report 10-9-15 Received at London Office 20-8-17  
Survey held at badir Date, First Survey 10-9-15 Last Survey 20-8-17 1917.  
On the (State if Single, Twin, or Triple Screw) Turbine Steel Screw San Carlos Rig Fore & aft schooner  
TONNAGE under Tonnage Deck 1314.46 CLASS 100 A.1 FEET. 40'00 Master Manuel Morales Muñoz  
Do. between Tonnage Dk. and 737.80 Breadth (greatest moulded) 40'00 Year of Appointment (1) As Master in service of  
2nd, 3rd, or Awning Dk. 2051.66 Depth, at middle of length from top of keel to top of 27'50 owner of present vessel: 1916  
Total under Upper Dk. 2051.66 beams at side of uppermost Continuous Deck 8'00 (2) As Master of this  
Do. of Poop 190.64 Deduct height of 'tween deck when this does not exceed 8ft. 59'50 vessel 1917  
Do. of R. Qr. Dk. 61.41 Transverse Number 280'00 Built at badir  
Do. of Bridge House 174.16 Length on deck from fore part of stem to after part of 16660'00 When built 1915-17 Launched 17th July 1916  
Do. of Forecastle 10.05 sternpost 19'00 By whom built Sociedad Española de Construcción Naval, Cadix  
Do. of Houses on Deck 2487.92 Longitudinal Number 10'18 Owners la Vasatlantica  
Do. of excess of Hatchways 48.82 Depth "d" at middle of length. See Secs. 2 & 13 16'59 Managers (Where necessary to be entered in Reg. Book.)  
Do. above Crown of Engine Room 796.13 Proportions, Depths to Length, Uppermost Continuous 10'18 Residence Barcelona  
Gross Tonnage 458.88 Deck at side to top of keel 16'59 Port belonging to Barcelona  
Less Crew Space 1184.09 " " " Upper Deck at side both  
Less above Crown of Engine Room Destined Voyage Hernando Poo If Surveyed while Building, Afloat, or in Dry Dock both  
TONNAGE FOR FEES... 1184.09 as cut on Beam... 1184.09

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
297	84		40			24	16	9	3
Dimensions of Ship per Register, Length 297.2 breadth 40.00 depth 19.6 Awn. or Shelter Dk. Moulded depth, ft. 27 ins. 6 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 10 ins									
FRAMING.									
FRAME, Angles, or E or F Bars, amidships	4 1/2	3	32	4 1/2	3	32			
Do. in peaks	5 1/2	3	36	5 1/2	3	36			
Do. in way of Double Bottoms at Solid Floors	3	3	34	3	3	34			
" " at intermdt. Bkts.									
Spacing of Frames from centre to centre amidships			23 1/2			23 1/2			
" length to collision bulkhead									
" of Frames from centre to centre in peaks									
REVERSED FRAME, Angles	3	3	32	3	3	32			
Do. in way of Double bottoms at Solid Floors	3	3	34	3	3	34			
" " at intermdt. Bkts.									
FRAMING, depth of girder	4 1/2			4 1/2					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	36		34	36		34			
" in way of Engine and Boiler spaces			38	50		38			48
" thickness at the ends of vessel			34			34			
" depth at 1/2 the half-bdth. as per Rule	28 1/2								
" height extended at the Bilges	C	D	B	C	D	B			
FLOORS, in Cell Double Bottoms			34			34			
" state if flanged (top and bottom)									
" spacing of Solid	23 1/2			23 1/2					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	36	46	38	36	46	38			
" Angles, Top	3	3	40	3	3	40			
" Bottom	4	4	48	4	4	48			52
" to Floors	3	3	34	3	3	34			
" Brackets at intermdt. frmg., wdth & thkns									
SIDE GIRDERS, number and thickness	ONE		34	ONE		32			
" state if flanged (top & bottom)	3	3	34	3	3	34			
" Angles	2 1/2	2 1/2	39	2 1/2	2 1/2	34			
MARGIN PLATE, depth (exclusive of flange) and thickness	25		38	25		38			
" Angles to outside plating	3 1/2	3 1/2	38	3 1/2	3 1/2	38			
" to floors	3	3	34	3	3	34			
" Brackets at intermdt. frmg., wdth & thkns									
" Height of Brackets above at bilge	18"			18"					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36"	36	50	36"	36	50			
" thickness in Engine and Boiler space			50			50			
" Remainder in Holds			40			30			34
BEAMS, Awn. or Shelter Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	46	8 1/2	3	46			
" Spacing			Alternate						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 1/2	3 1/2	50	9 1/2	3 1/2	50			
" Spacing			Alternate						
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	40	7	3	40			
" Angles on upper edge									
" Spacing			every frame						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	4 1/2	3	30	4 1/2	3	30			
" Angles on upper edge									
" Spacing			3-6 AFART						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel									
" Angles on upper edge									
" Spacing									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	44	7	3	44			
" Angles on upper edge									
" Spacing			Alternate frames						
PILLARS.									
PILLARS, in 'tween Deck, size and spacing	2 3/4	47"	2 3/4	47"					
" Hold	3 7/8	47"	3 5/8	47"					
" Quarter, 'tween Dks., M.T.G.A	2 5/8	47"	2 5/8	47"					
" in Hold									
KEELSONS AND STRINGERS.									
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate									
" Rider Plate									
" Flat Keel Plate Angles									
" Horizontal Plates on Floors									
" Angles or Bulb Angles									
SIDE KEELSONS, Number									
" Angles or Bulb Angles									
" Plate above floors, for length									
" Intercoastal Plate, for length									
" Attached to outside plating with Angle									
BILGE KEELSON, Angles									
" Intercoastal Plate, for length									
" Attached to outside plating with Angle									
SIDE STRINGERS, Number ONE PARTING									
" Angle FLANGED									
" Intercoastal Plate, for lng.	24"	38							
" Attached to outside plating with Angle	3 1/2	3 1/2	42	DOUBLE					
Awning or Shelter Deck Stringer Plates, breadth and thickness	4 1/2	48	42	48					
" Angle on ditto	4 1/2	48	42	48					
" Tie Plates, fore and aft, outside Hatchways									
" Deck * Iron or Steel, for WHOLE lng.	32 TO	26	30 TO	26					
MAIN Upper Deck Stringer Plate, breadth and thickness	43	40	43	40					
" Angles on ditto, No.	3 1/2	3 1/2	40	38	3 1/2	3 1/2	40	38	
" Tie Plates, outside Hatchways	12"	38	12"	38					
" Deck * Iron or Steel, for lng.	PINE	2 1/2	PINE	2 1/2					
Wood Deck, Material & thickness									
LOWER Second Deck Stringer Plates, br'dth & thk'n's	43 1/2	39	43	38					
" Angles on ditto, No.	3 1/2	3 1/2	40	38	3 1/2	3 1/2	40	38	
" Tie Plates, outside Hatchways									
" Deck * Material and thickness	STEEL	26	STEEL	26					
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness									
" Angles on ditto, No.									
" Tie Plates, outside Hatchways									
" Deck, Material and thickness									
Poop Deck Stringer Plate, breadth & thickness									
" Angles on ditto									
" Tie Plates									
" Deck, Material and thickness									
BOAT Bridge Deck Stringer Plate, br'dth & thickness	10 x 3 x 3	3/8	10 x 3 x 3	3/8					
" Angle on ditto STEEL P.F.P. 1/2 L.	6/20		6/20						
" Tie Plates CURTAIN PLATE	8"	36	8"	36					
" Deck, Material and thickness	WOOD TEAK	2"	TEAK	2"					
Forecastle Deck Stringer Plate, br'dth & th'kns	32	32	26	32					
" Angle on ditto	3 x 3	34	3 x 3	32					
" Tie Plates	14" x	30	14" x	30					
" Deck, Material and thickness	STEEL 26		STEEL 26						
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.									



Form No. 1B. WEB FRAMES. FORGINGS OR CASTINGS. RUDDER, how constructed. PLATING. RIVETING. MASTS, SPARS, &c.

EQUIPMENT No. 12282 LETTER 5 ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps, Number Two Down. Windlass is of Steam. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks, height above deck. Correspondence. Workmanship. General Remarks. Committee's Minute. Character assigned.



## CHAIN CABLES.

N <sup>o</sup> OF CERTIFICATE	LENGTH AND SIZE SUPPLIED		TEST PER CERTIFICATE		WEIGHT OF CHAIN CABLE		LENGTH AND SIZE RULE TABLE 30-31		DISCREPANCY	MAKERS OF CABLE	WHERE AND WHEN TESTED AND SUPERINTENDENT.
	LENGTH FATHOMS	DIA INCHES	STATUS TONS	BREAKING TONS	SUPPLIED C & G LBS	PER TABLE 30-31 C & G LBS	LENGTH FATHOMS	DIA INCHES			
14601	15	1 1/16	59.2-20	82-15.00	25-0-0				STUD. LINK	NOT GIVEN	CRADLEY HEATH 6-5-14. S. C. Paul
14602	14-5 1/4	"	"	"	24-3-20				"	"	"
14707	15	"	"	"	25-0-0				"	"	"
14693	15-1 1/4	"	"	"	25-1-10				"	"	20-3-14
15547	30-3 1/4	"	"	"	52-0-10	397-3-6	240	1 1/16	"	"	31-8-14
50936	30	"	"	"	50-1-7				"	"	NETHERTON 15-9-14. H. Green
50937	30	"	"	"	49-3-0				"	"	"
50938	30	"	"	"	50-1-13				"	"	"
50939	30	"	"	"	49-3-1				"	"	"
50940	30	"	"	"	51-2-7				"	"	"

Tests of galvanized steel wire hawsers.

Makers. The warrington wire rope works.

Each wire has withstood a tensile stress at least equivalent to that set forth in tables 30 & 31 of the rules of Lloyd's Register of shipping, and the aggregate strength of the wire is not less than 10% in excess of that stress.

Each wire has been twisted eight times round itself as a core and withstood untwisting without fracture. —  
Guarantee strain 33 Tons without breaking. —

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 39 ft., 5 Forecastle 44 ft. 8 (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) Two steel decks, covered with wood

Official No. ☒ ; Signal Letters ☒

State if Machinery is fitted aft ☒

no

How are the surfaces preserved from oxidation? Inside Cement + paint

Outside Red lead + paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.		Length.		Water Capacity.		Where Fitted.		Length.		Water Capacity.
		Feet.	Tons.					Feet.	Tons.	
Double bottom, aft,	N <sup>o</sup> 5	34-11	23			Fore peak tank,	14-4 1/2	14-4 1/2	14	
Double bottom, under Engines and Boilers,	N <sup>o</sup> 1	78-4	68			After peak tank,	30-6	30-6	29	
Double bottom, if under Engines only,	N <sup>o</sup> 4	31-4	41			Deep tank, aft,	11-9	11-9	20	
Double bottom, if under Boilers only,	" 3	23-6	41			Deep tank, forward,				
Double bottom, forward,	" 2	45-1	79			Other tanks, if fitted,				
		Total capacity of double bottom		25.2		(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.

Date

No. 44 in builder's yard.

DATES of Surveys held while building

1915. SEPT. 13, 14, 15, 17, 20, 22, 23, 24, 27, 29, 30<sup>th</sup> Oct 2, 7, 8, 11, 12, 13, 14, 15, 25<sup>th</sup> NOV. 3, 5, 12, 15, 16, 18, 19, 29, DEC. 2, 10, 11, 14, 17, 18, 20, 21, 23, 1916 JAN. 13, 14, 25, FEB. 2, 8, 11, 15, 24, 29, MAR. 4, 20, APR. 11<sup>th</sup> MAY 2, 18, JUNE 14, 19, JULY 7, 11, 13, 17, 27, AUG. 29, SEPT. 8, 10, 20, 22, Oct 7, 18, 27, NOV. 9, 13, 15, 22, 25, 27, 28, DEC. 5, 20, 26, 28, 1917 JAN. 13, 26, FEB. 23, MARCH 12<sup>th</sup> APRIL 16<sup>th</sup> MAY 15<sup>th</sup> JUNE 8, 13, 15, 18, JULY 3, 5, 7, 9, 19, 20, AUG. 8, 10, 11, 14 + 20<sup>th</sup>

Total No. of Visits 97.

Surveyor's Signature

Norman M. Kirkley

Lloyd's Register Foundation