

RAISED QUARTER DECK.
Awning or Shelter Deck
or Pt. Awning Deck.

STEEL STEAMER.

No. 324.

State of Report is also sent on the Machinery of the Vessel.

Port of **CADIZ, SPAIN** Date of completion of Report **18th Feb 1920** Received at London Office **TUE. 24 FEB. 1920**
Survey held at **CADIZ** Date, First Survey **9th OCTOBER 1918** Last Survey **10th February 1920**
On the (State if Single, Twin, or Triple Screw) **Single Screw Steamer "MENHIR"** Rig **Fore and Aft masted**
TONNAGE under Tonnage Deck **316.37** CLASS **+ 100A1.** FEET. **26' 0"** Master **Guan M. Ruiz de Arana**
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. **✓** Breadth (greatest moulded) **26' 0"** Year of Appointment **1919**
Total under Upper Dk. **✓** Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck **12' 8 1/2"** Built at **Atilleros de Cadiz, Cadiz**
Do. of Poop **✓** Deduct height of tween deck when this does not exceed 8ft. **✓** When built **1919** Launched **26-8-19**
Do. of R. Qr. Dk. **✓** Transverse Number **38.83** By whom built **Echevarrieta y Larrinaga**
Do. of Bridge House **✓** Length on deck from fore part of stem to after part of sternpost **169.5** Owners **Compania Vasca Valenciana de Navegacion**
Do. of Houses on Deck **✓** Longitudinal Number **658168** Managers **Do.**
Do. of excess of Hatchways **✓** Depth "d" at middle of length. See Secs. 2 & 13 **10.22** Residence **Bilbao, Spain**
Do. above Crown of Engine Room **✓** Proportions, Depth to Length, Uppermost Continuous Deck at side of top of keel **13.21** Port belonging to **Cadiz, Spain**
Gross Tonnage **549.45** Less Crew Space **✓** Destined Voyage **Valencia, Spain** If Surveyed while Building, Afloat, or in Dry Dock **Building Afloat**
Less above Crown of Engine Room **✓** Register Tonnage as cut on Beam **233.0**

as cut on Beam.			No. of Decks with flat laid One						
LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Top of Floors to top of Awn. or Shelter Dk. Beams do.	Upper Deck Beams	No. of Tiers of Beams
169	6		26	0					
Dimensions of Ship per Register,			Awn. or Shelter Dk. Moulded depth, ft. 12 ins. 10 To MAIN Upper Deck.			To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual . . . } 7 ins			
Length 169.5 breadth 26.2 depth. 10.35									
FRAMING.			Inches in Ship.			PILLARS.			Inches in Ship.
FRAME, Angles, or Bars, amidships			6	3	38	PILLARS, In 'tween Deck, size and spacing			3 1/2
Do. in peaks			4 1/2	3	32	" Hold			44
Do. in way of Double Bottoms at Solid Floors . .			3	3	32	" Quarter, 'tween Dks., " "			3 1/2
" " at intermdt. Bkts.			✓	✓	✓	" in Hold " "			44
Spacing of Frames from centre to centre amidships			✓	22	✓	KEELSONS AND STRINGERS.			Inches in Ship.
" length to collision bulkhead			✓	22	✓	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			12
" of Frames from centre to centre in peaks . .			✓	22	✓	" Rider Plate			44
REVERSED FRAME, Angles			✓	✓	✓	" Flat Keel Plate Angles			8
Do. in way of Double bottoms at Solid Floors . .			3	3	32	" BAR KEEL			7
" " at intermdt. Bkts.			✓	✓	✓	" Horizontal Plates on Floors			2
FRAMING, depth of girder			✓	6	✓	" Angles or Bulb Angles			3 1/2
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			✓	✓	✓	SIDE KEELSONS, Number			3
" in way of Engine and Boiler spaces			16	40	✓	" Angles or Bulb Angles			34
" thickness at the ends of vessel			✓	32	✓	" Plate above floors, for E. & Boiler length			3 1/2
" depth at 1/2 the half-bdth. as per Rule . .			✓	8	✓	" Intercoastal Plate, for E. & Boiler length			3
" height extended at the Bilges			✓	18	✓	" Attached to outside plating with Angle . . .			32
FLOORS, in Cell Double Bottoms			✓	32	✓	BILGE KEELSON, Angles			
" state if flanged (top and bottom)			No		No	" Intercoastal Plate, for length			
" spacing of Solid			✓	22	✓	" Attached to outside plating with Angle . .			
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss			36	40	✓	SIDE STRINGERS, Number			
" Angles, Top .. DOUBLE			3	3	36	" Angle			
" Bottom			None		None	" Intercoastal Plate, for lng.			
" Floors			3	3	32	" Attached to outside plating with Angle . . .			
" Brackets at intermdt. frmg. width & thkness			✓	✓	✓	Awning or Shelter Deck Stringer Plates, breadth and thickness			
SIDE GIRDERS, number and thickness. ONE .			✓	32	✓	" Angle on ditto			
" state if flanged (top & bottom)			No		No	" Tie Plates, fore and aft, outside Hatchways			
" Angles			3	3	32	" Deck * Iron or Steel, for lng.			
MARGIN PLATE, depth (exclusive of flange) and thickness			26	36	✓	R.Q.D Wood Deck. Material & thickness			
" Angles to outside plating			3	3	32	Upper Deck Stringer Plate, breadth and thickness			48" x 45 - 36
" to floors			3	3	32	" Angle on ditto, No. ONE			3 1/2 x 3 1/2 x 42
" Brackets at intermdt. frmg. width & thkness			✓	✓	✓	" Tie Plates, outside Hatchways			40
" Height of Brackets above at bilge			✓	3	✓	" Deck * Iron or Steel, for WHOLE lng.			36 - 34
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			48	38	✓	MAIN Wood Deck. Material & thickness			NONE
" thickness in Engine and Boiler space			✓	✓	✓	Second Deck Stringer Plates, br'dth & thckn's			50 x 50 - 45
" Remainder in Holds			✓	34 - 36	✓	" Angle on ditto, No. ONE			50 x 50 - 45
BEAMS, Awng or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel			✓	✓	✓	" Tie Plates, outside Hatchways			3 1/2 x 3 1/2 x 42
" Spacing			✓	✓	✓	" Deck * Material and thickness STEEL .			50
BEAMS, MAIN Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel			5	3	32	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			36
" Spacing			✓	22	✓	" Angles on ditto, No.			
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel			✓	✓	✓	" Tie Plates, outside Hatchways			
" Angles on upper edge						" Deck. Material and thickness			
" Spacing						Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto			
" Angles on upper edge						" Tie Plates			
" Spacing						" Deck. Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel			6	3	38	Bridge Deck Stringer Plate, br'dth & thickness			36
" Angles on upper edge			✓	44	✓	" Angle on ditto			26
" Spacing			✓	44	✓	" Tie Plates			30
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel			6	3	38	" Deck. Material and thickness STEEL & WOOD			3 x 3
" Angles on upper edge			✓	✓	✓	" Angle on ditto			9
" Spacing			✓	44	✓	" Tie Plates			24
						" Deck. Material and thickness			25/8
						Forecastle Deck Stringer Plate, br'dth & th'kns			4
						" Angle on ditto			36
						" Tie Plates			26
						" Deck. Material and thickness STEEL & WOOD			30
						" Angle on ditto			3 x 3
						" Tie Plates			26
						" Deck. Material and thickness			25/8
						UNDER WINDLASS			4
						" Angle on ditto			25/8
						" Tie Plates			4
						" Deck. Material and thickness			25/8

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

[illegible]

EQUIPMENT No. 731557 LETTER										ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REG. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
82106	1st Power	12	2	26	✓	✓	✓	14	6	1	0	12	2	0	Stockless	Hingley	Mellerton. 30.5.19. H. Green		
82047	2nd ..	12	2	26	✓	✓	✓	14	10	2	14	12	2	0	do	do	do. 31.10.19. H. Green		
82048	3rd ..	12	2	6	✓	✓	✓	14	8	1	21	10	2	0	do	do	do. 31.10.19. H. Green		
	Collective weight	37	3	2								35	2	0					
82193	Stream	4	1	11	✓	✓	✓	6	15	0	0	4	0	0	EX Stock Iron Stock	do	do. 9.9.19. W.A. Dwyer		
82192	Kedge	1	3	14	✓	✓	✓	4	7	0	21	1	0	0	do	do	do. 9.9.19. do		
CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate. Status. Breaking. Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31. Length. Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire. Tons.	Fathoms and size per Table 31.					
	Length.	Diam.		Supplied.	Per Rule.						Length.	Diam.		Length.	Ins.	Length.	Ins.		
67946	105	5/8	1 1/8	22.75	34.2	68	1.2	126	0.0	195	1/8	Steel	Hingley	Mellerton V.A. Dwyer	75	2 1/4	75	2 1/4	
67947	90	5/8	1 1/8	22.75	34.2	58	1.4					do	do	do. 9.9.19	96	6	90	6	
	60	2 1/4	15 1/2					60	2 1/4						120	4 1/2	120	4 1/2	
Boats 2. 20'-9" x 6'-3" x 2'-9". 1 dinghy 13'-6" x 4'-11" x 1'-10"										Steering Gear, Steam Yes Steering Gear, Hand Yes									
Pumps, Number 20 4". 12 3"										Diameter of Barrel 4'-3" State whether they are in efficient working order Yes									
Windlass is Steam driven										Capstan Yes									
Engine Room Skylights.—How constructed? Plates and angles										What arrangements for deadlights in bad weather? Yes									
Coal Bunker Openings.—How constructed? Plates and angles										How are lids secured? Cleats cover + tarpaulin Height above deck? 7'-6"									
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6. 5' 4", 6' 4". 6 Freeing ports for 10 ft. 30" x 18"																			
Ceiling in Holds, thickness and material. One bridge only. 2 1/2"										Cargo Batten, thickness and material. None									
Cargo Hatchways.—How formed? Plates and angles, wood covers tarpaulin										Hatches, If strong and efficient? Yes									
State size No. 1 Hatch (Forward) 21'-6" x 14'-6" No. 2 Hatch 27'-6" x 14'-6" No. 3 Hatch										No. 4 Hatch									
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 web plates in each hatch, No fore + afters.																			
Bulwarks, height above deck and description 3'-6" at R.O.D. 4'-6" in well										Main Rail and Stays, material and size 6" x 3 x 34									
The foregoing is a correct description of the vessel										Surveyor's Signature A. Dwyer									
Builder's Signature (here only) ASTILLEROS DE CADIZ										Surveyor to Lloyd's Register of British and Foreign Shipping.									
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M. 24/9/17, 14/10/17, 10/11/17, 3. 30/11/17, M. 5/12/17, S. 5/12/17, M. 11/12/17, S. 3/1/18, M. 17/1/18, 11/10/18																			
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? None																			
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 weather decks been tested as required by the Rules (Sec. 26, par. 20)? Satisfactory																			
State results of tests Satisfactory																			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes																			
State results of tests Satisfactory																			
General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans and in general conformity with the requirements of the rules, the secretary's letters and circulars. The material and workmanship are good.																			
Fitter vessel to the S/S GADIR (report No 772) S/S. NADIR (report No 788) S/S AMIR (report No 797) S/S OPHIR (report No 811), but 5'-6" longer.																			
Vessel is in same grade for scantlings and equipment as the above vessels.																			
Deadweight is 705 tons.																			
Capacity of permanent bunkers is 72 tons																			
A lifeline has been fitted from quarter deck and across forward well to fore together with a platform from quarter deck ladder to aft end of forward hatch and from fore end of forward hatch to ladder to fore deck to enable the crew to have access to their quarters.																			
The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.																			
The amount of Entry Fee £ 200.00																			
Special Survey Fee... £ 1800.00																			
Travelling Expenses, if any £ 110.00																			
Total 125.00																			
State whether the Vessel has been built under Special Survey Yes																			
I am of opinion this Vessel should be Classed + 100 A1. Lloyd A & C.P.																			
With, or without Freeboard, as condition of Class With freeboard.																			
Committee's Minute FRI. 27 FEB. 1920																			
Character assigned 100 A1.																			
Lloyd A & C.P.																			
Cargo Batten not fitted																			
R.M.C. 1120																			
A. Dwyer																			
Surveyor to Lloyd's Register of British and Foreign Shipping.																			

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 95.88 ft., Bridge 12.88 ft., Forecastle 24 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Raised quarter deck joined to bridge*

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 should appear in the Register Book) *One steel deck not covered with wood.*

Official No. ☒ ; Signal Letters *H. S. V. D.* State if Machinery is fitted aft *Yes*.
How are the surfaces preserved from oxidation? Inside *Paint, + cement in double bottom* 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,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	<i>95.33</i>	<i>142</i>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Total capacity of double bottom	<i>142</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. ☒

Date ☒

No. *5* in builder's yard.

DATES of Surveys held while building

YEAR 1918. *9/10/18, 21/10/18, 23/10/18, 7/11/18, 28/12/18, 31/12/18.*
YEAR 1919. *2/1/19, 3/1/19, 1/2/19, 6/2/19, 11/2/19, 13/2/19, 24/2/19, 13/3/19, 15/3/19, 2/4/19, 23/4/19, 5/5/19, 14/5/19, 24/7/19, 13/8/19, 16/8/19, 19/8/19, 21/8/19, 25/8/19, 26/8/19, 28/8/19, 6/9/19, 5/10/19, 8/11/19, 22/12/19, 23/12/19, 24/12/19.*
YEAR 1920. *8/1/20, 26/1/20, 28/1/20, 29/1/20, 2/2/20, 3/2/20, 7/2/20, 9/2/20, 10/2/20.* Total No. of Visits *40*

Surveyor's Signature

A. Dabrynski

Lloyd's Register Foundation