

With or Without

# STEEL STEAMER.

FRI. AUG. 12 1921

Received at London Office

## Disconnected Erections.

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

Date of completion of report

3-8-1921

Port of

CADIZ, SPAIN.

No.

903.

Survey held at

Cadiz

Spain

Date, First Survey

August 21<sup>st</sup> 1920

Last Survey

3-8-1921

1921

On the (State if Single, Twin, or Triple Screw)

Single screw steel steamer "GASTELU"

Rig

Schooner

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

Engine Room

Navigation Spaces

Navigation Spaces

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CLASS +100A.1. Contd

FEET.

Master

J. FUFUENTE

Breadth (greatest, moulded) 47.75

Depth, at middle of length from top of keel to top of upper deck beams at side 25.66

Transverse Number 73.41

Length on deck from fore part of stem to after part of stern post 331.00

Longitudinal Number 24298.7

Depth "d," at middle of length (See Secs. 2 & 13) 22.33

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.89

" " Long Bridge Deck Beam at side to top of keel 9.98

Year of appointment

Built at Antillas de Cadiz

When built 1921 Launched 24 April 1921

By whom built Echevarrieta y Larrinaga

Owners Compania Naviera "BERMEO"

Managers

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

Residence Bilbao

Port belonging to San Sebastian

Destined Voyage BARRY ROADS. If Surveyed while Building, Afloat, or in Dry Dock all

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
per Rule	331	0	Moulded	47	9	Do. do. do. do.	Second Dk. Beams	22	4	2

Moulded depth, ft.	33	ins.	5	To Bridge Dk.	Round of Upper	12	ins.
Moulded depth, ft.	25	ins.	8	To Upper Dk.	Dk. Beam, Actual		

FRAMING.						PILLARS.					
NAME, Angles, or [ or ] Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	7	3	38	7	3	" " Hold	6	6	6	6	6
Do. in way of Double Bottoms at Solid Floors						" " Quarter 'tween Dks.	4	4	4	4	4
" " at intermdt. Bkts.						" " in Hold	4	4	4	4	4
acing of Frames from centre to centre amidships											
" " " from 1/2 length to Collision bulkhead											
" " " in peaks	24			24							
VERSED FRAME, Angles											
Do. in way of Double Bottoms at Solid Floors											
" " at intermdt. Bkts.											
AMING, depth of girder											
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
" " in way of Engine and Boiler Spaces											
" " thickness at the ends of vessel											
" " depth at 1/2 the half breadth, as per Rule											
" " height extended at the Bilges											
DOORS in Cell. Double Bottoms	40	34		40	34						
" " state if flanged (top & bottom)	No			No							
" " Spacing of Solid floors	66			66							
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	40	38		40	38						
" " Angles, Top IN. & F. & F. H. & F. H.	3 1/2	3 1/2	46	3 1/2	46						
" " Bottom IN. & F. & F. H. & F. H.	3 1/2	3 1/2	60	3 1/2	60						
" " to Floors IN. & F. & F. H. & F. H.	6	6	44	6	44						
" " Brackets at intermdt. frmg., wdth & thcknss											
DE GIRDERS, number on each side & thickness	1	36	34	1	36	34					
" " state if flanged (top and bottom)	No			No							
" " Angles (top and bottom)	3	3	36	3	3	36					
" " to Floors	3	3	36	3	3	36					
GIN PLATE, depth (exclusive of flange) and thickness	33	42		33	42						
" " Angle to Outside Plating	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
" " Floors	6	3	40	6	3	40					
" " Brackets at intermdt. frmg., wdth & thcknss											
Height of Outside Brackets above at bilge											
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	40	46	38	40	46	38					
" " in Engine and Boiler space											
" " Remainder in Holds	46	42		46	42						
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" " In way of Long Bridge											
" " Spacing											
MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" " Spacing											
MS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" " Angles on upper edge											
" " Spacing											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" " Angles on upper edge											
" " Spacing											
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											
" " Angles on upper edge											
" " Spacing											

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

MS28-018711/2



Form No. 1A. WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder. RUDDER-AND. Main-Piece, diameter at head. RUDDER, how constructed. RIVETING. PLATING. STRAKES. THICKNESS OF SHEERSTRAKE. POOP SIDES. FORECASTLE SIDES. FRAMES extend in one length from keel to upper deck in peaks only. 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. 25478. LETTER. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent. 35655 1st Bower. 35690 2nd. 35654 3rd. 4th. Particulars of Drop Test of Cast Steel Anchors. CHAIN CABLES. HAWSERS AND WARPS. Boats 4 in all including motor. Steering Gear, Steam. Pumps, Number 1. Windlass is Steam driven by Charles, Chapman. Engine Room Skylights. Coal Bunker Openings. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). Number of Web Plates. All 17 plates 17 x 36. Bulwarks, height above deck and description. The foregoing is a correct description. Correspondence. Workmanship. Are the butts of plating joined or otherwise fitted? Are the liners between the frames and plates solid single pieces? to plate, &c., conform well to each other? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.). The vessel is similar to the "CABO ESPARTEL" (Cading report U.S. 827), "CABO VILLANO" (Cading report U.S. 851), "ARICHACHU" (Cading report U.S. 875), "ATALAYA" (Cading report U.S. 891). No oil burning apparatus is fitted as in the two first vessels. No ceiling has been fitted except at bridges; the tank top & tunnel plating being thickened in lieu of ceiling. Doubling plates have been placed under all sounding pipes. No cargo battens have been fitted in bridge house. The steering gear is in the poop via controller by the telemotor system. The crew is housed in the forecabin. Bale Capacity 239,028 cubic feet. Permanent bunkers 476 tons. Grain do 267,374 do. Deadweight 5630 tons. Corresponding draught 21'-10 1/2". Committee's Minute. Character assigned 100 A1. Lloyd's as CR. + LMC. 21. 70. B.L.

MS28-01871-14



Rpt. 1\*.

CADIZ REPORT.

## PARTICULARS OF LONGITUDINAL FRAMING.

No 903.

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.						
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.					
Framing of $\angle$ , $\angle$ or $\angle$ .....		BULB ANGLE THROUGHOUT.														
Frames in Bridge 'tween Decks ...		8	3 1/2	375	✓	8	3 1/2	375	✓	7/8	5/4					
Frames from Uppermost Continuous Deck		Do.	8	3 1/2	375	Do.	8	3 1/2	375	7/8	5/4					
" 2		Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	7/8	5/4					
" 3		Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	7/8	4 3/8					
" 4		Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	7/8	4 3/8					
" 5		8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	7/8	4 3/8				
" 6		9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	7/8	3 1/2				
" 7		Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	7/8	3 1/2					
" 8		9	3 1/2	54	9	3 1/2	54	9	3 1/2	54	7/8	3 1/2				
" 9		8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	7/8	3 1/2				
" 10																
" 11																
" 12																
" 13																
" 14																
" 15																
" 16																
Spacing of Longitudinal Frames		30			30		30		30							
At Ends .....		30			30		30		30							
Double Bottoms $\angle$ , $\angle$ or $\angle$		7	3	40	7	3	40	7	3	40	7	3	40	3/4	3/4	7/8 RIVETS IN ENGINE AND BOILER ROOM.
Tank Top Longitudinals		8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	7/8		4 RIVETS ON EACH SIDE OF TRANSVERSES,
Bottom		30			30		30		30		30					INTERMEDIATE FLOORS AND BULKHEADS
Spacing of Longitudinals		30			30		30		30		30					3 1/2" APART; 5/4" ELSEWHERE.
At Ends...		30			30		30		30		30					
Transverses.																
In Bridge		24	40	✓	✓	24	40	✓	✓	3/4	4 1/2					
'tween Decks		3 1/2	3 1/2	44	✓	3 1/2	3 1/2	44	✓	7/8	4 3/8					
Face Angles		3 1/2	3 1/2	38	✓	3 1/2	3 1/2	38	✓	30	40					
Lugs to Shell		24	46	30	46	24	46	30	46	✓	✓					
In Awning, Shelter or Upper 'tween Decks.		9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	7/8	5/4	
Depth and Thickness		6	6	46	6	6	46	6	6	46	6	6	46	7/8	3 3/8	
Face Angles B.A.		24	46	30	46	24	46	30	46	✓	✓					
Lugs to Shell		9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	7/8	5/4	
Depth and Thickness		6	6	46	6	6	46	6	6	46	6	6	46	7/8	3 3/8	
Face Angles B.A.		36	36	46	46	36	36	46	46	✓	✓					
Lugs to Shell		39	39	40	40	39	39	40	40	✓	✓					
Brackets																
In Hold.																
Bottom Brackets																
Spacing of Transverse Frames		11'-0"			12'-0"		11'-0"		12'-0"							
* State if jogged or liners.																
Longitudinal Beams of $\angle$ , $\angle$ or $\angle$		7	3	34	7	3	34	7	3	34	7	3	34	42		
Bridge Deck																
Awg. or Shltr. Dk.		7	3	34	7	3	34	7	3	34	7	3	34	36		
Upper					7	3	50		7	3	50	48	36			
Second																
Third																

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.

5cA10.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31.2 ft., R.Q.D. ✓ ft., Bridge 91.0 ft., Forecastle 32.3 ft., (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Disconnected sections*

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) *Steel, 1 complete (upper deck) Partial decks in holds, 2 tiers of beams.*  
Official No. ✓; Signal Letters ✓ State if Machinery is fitted aft *No.*  
How are the surfaces preserved from oxidation? Inside *Paint & cement* Outside *Paint*

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

PARTICULARS OF WATER TANKS.			PARTICULARS OF WATER TANKS.				
Where Fitted.		*Length.	Water Capacity.	Where Fitted.		*Length.	Water Capacity.
		Feet.	Tons.			Feet.	Tons.
Double bottom, <i>aft</i> ,	No 6	41.5	66	Fore peak tank,		18	63
Double bottom, <i>under Engines and Boilers</i> ,	No 5	26.0	191	After peak tank,		18	175
		22.0	81	Deep tank, aft,		-	-
Double bottom, <i>if under Engines only</i> ,	No 4	16.5	61	Deep tank, forward,		-	-
Double bottom, <i>if under Boilers only</i> ,	No 3	94.5	343	Other tanks, if fitted,		-	-
Double bottom, <i>forward</i> ,	No 2	53.0	130	(If necessary, furnish further information by sketch.)			
	No 1						
		Total capacity of	872				

\* 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. *Satisfactory*

Order for Special Survey No. *1920 Aug 21. Sept 9, 21. Oct 7, 13, 20. Nov 10, 19, 24, 30. Dec 6, 16, 20, 22.*  
Date *1921. Jan 4, 6, 20, 21, 25, 29. Feb 8, 11, 14, 18, 22, 25. March 4, 16, 21. April 1, 20, 24.*  
No. *11* in builder's yard. *May 5, 9, 10, 11, 12. June 8, 14, 15, 21, 28, 30. July 1, 10. Aug 3.*  
Total No. of Visits *47*

Surveyor's Signature

A. Dabynsple

Lloyd's Register

Foundation