

STEEL STEAMER or MOTORSHIP.

28 MAR 1931

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *yes.*State if Report is sent on the Machinery of the Vessel *yes*Date of completion of report *16th March 1931.*Port of *Bilbao*No. *7896*Survey held at *Bilbao*Date First Survey *5th March 1930*Last Survey *26th February 1931*

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Twin Screw Motor Ship "Companam" (Machinery fitted aft)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

*Full Scantling Oil Tanker Bracketless*State Type of Erections *P.B. & Forecastle*

TONNAGE under Tonnage Deck

*6911.64*CLASS *100 A1 carrying*

State if with freeboard as condition of Class

*no.*Built at *Bilbao (Spain)*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

111.54

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

*L 455' 0"*Launched *21st October 1930* Yard No. *92*

Total

7023.18

Breadth (greatest moulded)

*B 59' 0"*Builders *Euskalduna de Constr. Rep.*

Gross Tonnage

7872.64

Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

*D 34' 0"*Owners *C^a Armadora del Manapalo de Petroleros*

Register Tonnage

*4444.63*1st Longitudinal Number (L x D) = *14.938*

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length

455' 0"

Framing Depth "d," at middle of length. See Sec. 3 (1d)

*13.38*Residence *Madrid.*

Breadth

59' 0"

Proportions—Depth to Length—Uppermost continuous deck to top of keel

*13.38*Port of Registry *Bilbao*

Depth

34' 0"

Draught Moulded

*25' 3 1/4"*If surveyed while building, afloat, or in dry dock
while building, afloat and in drydock.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>Longitudinal Framing</i>		Bracket Floors, Frame	<i>✓</i>	
" " from 3/4 length to Collision bulkhead	<i>Sherwood System (Bracketless)</i>		" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>24"</i>		" " Vertical Struts	<i>✓</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships in way of Engine Space	<i>2360-14mm</i>	
Frame Amidships, Angle, [or [<i>Longitudinal Framing</i>		" " top Angles	<i>double 90x90x12 1/2"</i>	
" " Extends up to	<i>Framing</i>		" " bottom Angles	<i>double 100x100x14 1/2"</i>	
Reversed Frame Amidships, Angle	<i>Sherwood Bracketless System.</i>		Side Girders, No. each side and thickness	<i>Two 12 1/2 x 18 1/2 U. Machine & Two 12 1/2 x 18 1/2 U. Machine</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>350x13 1/2" off</i>	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>150x150x11 1/2" double at Transverses.</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [<i>✓</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>✓</i>	
" " Second 'tween Decks, Angle, [or [<i>✓</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>✓</i>	
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>✓</i>	
Framing in Peaks, Angle or [<i>8 x 3 1/2 x 40</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>11 1/2" thick extends to lowest side longitudinal about tank.</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>✓</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>		Breadth and thickness of Middle Line Strake	<i>1400-13 1/2"</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>In fore peak tank, solid floors</i>		Thickness of remainder in Holds	<i>✓</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Web frames and Beams 15x4x1/2" on frame 103. Half Plate Transverses & Longitudinals as approved</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	<i>yes.</i>	
SINGLE BOTTOM. in Cargo Hold.			BEAMS.		
Floors, Depth and thickness at mid-line in Hold	<i>160x10 1/2" spaced 685 mm.</i>		Uppermost Continuous Deck, amidships in Wells, Angle, [or [
Height of Brackets at side above base line at toe of frame	<i>Longitudinal framing above level of floors.</i>		" " in way of Bridge, Angle, [or [
Middle Line Keelson, on Floors, Angles	<i>150x75x12 Continuous 0.8mm.</i>		Spacing	<i>Longitudinal</i>	
" " Through Plate or Intercoastal Plate	<i>10 1/2"</i>		Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors	<i>✓</i>		Spacing	<i>Framing</i>	
" " Flat Plate Keel Angles	<i>100x100x15 1/2"</i>		Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side	<i>one</i>		Spacing	<i>Sherwood</i>	
" " thickness of Intercoastal Plate	<i>10 1/2"</i>		Fourth Deck, amidships, Angle, [or [
" " Angles	<i>on floors (double) 150x75x12 Continuous 0.8mm.</i>		Spacing	<i>Bracketless</i>	
DOUBLE BOTTOM. Aft in Engine Space			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing	<i>12 1/2 x 10 1/2 - 753 mm.</i>		Spacing	<i>System.</i>	
" " Are Frame and Reversed Frame joggled?	<i>no</i>		Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Spacing		
" " breadth and thickness at margin plate	<i>✓</i>		Forecastle Deck, Angle, [or [
			Spacing		



PILLARS AND DECKS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	<i>one in fore</i>	<i>65 7/8" diam Solid Transverse 95-99-103.</i>		Stringer Plate, breadth and thickness in way of Bridge	<i>✓</i>		
"	in 'tween Decks, Size and Spacing.....	<i>Quarter Pillars under Windlass.</i>		Thickness of Plating abreast Deck openings in way of Wells	<i>✓</i>	<i>95 1/2" 8 1/2" 10" under Stairs.</i>	
"	<i>Fore peak Tank</i>	<i>Wash Plate & Solid Floor. Ang 150 x 75 x 11.</i>		Thickness of Plating abreast Deck openings in way of Bridge	<i>✓</i>		
"	<i>Carpo</i>			Thickness of Plating within line of openings...	<i>✓</i>		
"	in Holds	<i>130 x 130 x 13 1/2" + 11" Transverse 91.</i>		If Sheathed, material and thickness	<i>✓</i>		
Wing	"	"		Third Deck.			
Center Line Bulkhead.	<i>745 in Oil Tanks</i>			Stringer Plate, breadth and thickness.....	<i>✓</i>		
Stiffeners and Spacing.....	<i>Longitudinals</i>	<i>12 x 3 1/2 x 50 L 16 7 x 5 x 38 L 760 1/2"</i>		If Plated, state thickness.....	<i>✓</i>		
Plating, thickness of		<i>125 1/2" 95 1/2" 105 1/2" at 1/2"</i>		Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....	<i>✓</i>		
Uppermost Continuous Deck.				If Plated, state thickness	<i>✓</i>		
Stringer Plate, breadth and thickness in Wells		<i>1.600 x 19 7/8" 1/2 10 1/2 x 11 ends</i>		Poop Deck.			
"	"	<i>24 7/8" at ends of Bridge & Poop.</i>		Stringer Plate, breadth and thickness	<i>✓</i>	<i>940 x 9</i>	
"	Angle in Wells	<i>150 x 150 x 17 1/2"</i>		Plating, Sheathing, material and thickness ...	<i>✓</i>	<i>7 1/2" 65 1/2" 7 1/2" Pine</i>	
Thickness of Plating abreast Deck openings in way of Wells		<i>19 & 13</i>		Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge		<i>19 & 13</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	<i>1040 x 10 1/2"</i>	
<i>Doublers fitted in way of Transverse bulkheads as approved.</i>				Plating, Sheathing, material and thickness ...	<i>✓</i>	<i>7 1/2" 65 1/2" Pitch Pine</i>	
Thickness of Plating within line of openings...		<i>✓</i>		Forecastle Deck.			
If Sheathed, material and thickness		<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	<i>890 x 9</i>	
Second Deck.				Plating, Sheathing, material and thickness ..	<i>✓</i>	<i>9 & 12 1/2" under Windlass</i>	
Stringer Plate, breadth and thickness in Wells...		<i>940 x 10 1/2 x 9</i>				<i>no sheathing.</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches. m/m	Inches. m/m	Inches. m/m	Inches. m/m			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	1295	25	20	20	✓	Double	1	4"	3R 4R	1 1/8"	4"	Double straps 3R. for 1/2 L. 4R overlaps above 195m/m = 3R
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes <i>ABCD</i>		165	13	13	✓	Double	3/8	3 1/2"	4R 1/2 3R.	7/8	3 1/2"	Lapped
BILGE PLATING, No. of Strakes <i>E.F. 2</i>		165	13	13	✓	—	—	—	—	—	—	—
SIDE PLATING, No. of Strakes <i>G.H. 4</i>		155	12	125	✓	—	—	—	—	—	—	—
UPPER DECK, Sheer-strake in Wells <i>1550</i>		23	12	125		Trouble	1	4"	5R 4.3.	1"	4 1/2"	4R overlaps above 175m/m 3R.
UPPER DECK, Sheer-strake in Bridge <i>23</i>		23				Double	—	—	5R.	1"	4 1/2"	Lapped 4R overlaps above 175m/m 3R.
STRAKE BELOW Sheer-strake in Wells <i>1675</i>		20	12	125		✓	✓	✓	4R-3R	1"	4"	3R.
STRAKE BELOW Sheer-strake in Bridge <i>20</i>		20				Double	1"	4"	4R.	1"	4"	Lapped
POOP SIDE PLATING		Poop sheerstrake	12			Single	3/4	3"	2.R.	3/4	2 5/8	—
		Poop side	10			—	3/4	3"	2.R.	3/4	2 5/8	—
BRIDGE SIDE PLATING ...		10 5/8" At bridge ends 12 5/8" carried down to deck.				—	3/4	3"	2.R.	3/4	2 5/8	—
FORECASTLE SIDE PLATING		10 5m/m				—	3/4	3"	2.R.	3/4	2 5/8	—

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

[illegible]

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth Process.

STEEL.

Has the Steel been tested as required by the Rules?

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of **Drop Test** of
Cast Steel Anchors, viz. :—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower	Union Anchor Head	52.2.10	M.B	4190	25.8.30
2nd	" " "	52.1.11	M.B	4189	25.8.30
3rd	" " "	44.3.26	M.B	4191	25.8.30

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 113.0 ft., R.Q.D. r ft., Bridge 31.0 ft., Forecastle 40.55 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated r

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 deck (steel) and Web frames.*
Longitudinal Framing (Bracketless)

Official No. _____ ; Signal Letters _____

Is bottom of Vessel coated with cement as stated if not give

particulars of composition: Paint and Cement in boats, Cofferdams and double bottom tanks under Moulds

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	39.5	127.0	Fore peak tank,	23.0	159.0 tons
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	20.0	224.0
Double bottom, if under Engines only,	39.5	166.0	Deep tank, aft, <i>oil fuel</i>	10.0	517.0
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, <i>oil fuel</i>	12.0	533.0
Double bottom, forward,	✓	✓	Other tanks, if fitted,		
	Total capacity of double bottom	293.0	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date 21st May 1930

Dates of Surveys
field white building

1930 March 5-6 April 10-10-15-15-18-24-25-29-30 May 3-5-7-8-10-12-16-17-17-20-22-22-24-28-29-30
June 2-4-4-10-11-14-17-19-26 July 9-9-16-19-23-24 August 2-9-20-21-22-25-26-28-30-30 Sept. 3-3-4-5-8-11-11
12-13-17-18-19-20-23-25-26-26-29 Oct. 1-3-10-16-16-17-17-18-20-20-21-21-22-23-23-25-27-29-30 Nov. 6-7-10-12-13-17-24-26 Dec. 2-18-28
1931 Jan. 7-12-14-16-20-23-26-28-28-30-31 Febr. 2-5-5-10-20-23-24-25

Total No. of Visits 119

Total No. of Visits...

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS THROUGH SHELL PLATING.	
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Ins.	Diam.
Framing of \angle , L or \square																	
Frames in Bridge 'tween Decks ...																	
Frames from Uppermost Continuous Deck No. 1		$7\frac{1}{2} \times 3\frac{1}{2} \times 38$			$7\frac{1}{2} \times 3\frac{1}{2} \times 38$			$7\frac{1}{2} \times 3\frac{1}{2} \times 38$			$7\frac{1}{2} \times 3\frac{1}{2} \times 38$			$22\frac{1}{2}$	6 diams		$3\frac{1}{2}$ dia for 6 Rivets
Note		"	"	"	"	"	"	"	"	"	"	"	"	"	"		$3\frac{1}{2}$ dia elsewhere
All bulk \angle s filled in Ship are of new British Standard Section		$8\frac{1}{2} \times 3\frac{1}{2} \times 40$			$8\frac{1}{2} \times 3\frac{1}{2} \times 40$			$8\frac{1}{2} \times 3\frac{1}{2} \times 40$			$8\frac{1}{2} \times 3\frac{1}{2} \times 40$			"	"		$3\frac{1}{2}$ dia for 6 Rivets
		$9 \times 3\frac{1}{2} \times 43$			$9 \times 3\frac{1}{2} \times 43$			$9 \times 3\frac{1}{2} \times 43$			$9 \times 3\frac{1}{2} \times 43$			"	"		$3\frac{1}{2}$ dia elsewhere
		$9\frac{1}{2} \times 3\frac{1}{2} \times 44$			$9\frac{1}{2} \times 3\frac{1}{2} \times 44$			$9\frac{1}{2} \times 3\frac{1}{2} \times 44$			$9\frac{1}{2} \times 3\frac{1}{2} \times 44$			"	"		$3\frac{1}{2}$ dia for 6 Rivets
		$10 \times 3\frac{1}{2} \times 45$			$10 \times 3\frac{1}{2} \times 45$			$10 \times 3\frac{1}{2} \times 45$			$10 \times 3\frac{1}{2} \times 45$			"	"		$3\frac{1}{2}$ dia elsewhere
		$10\frac{1}{2} \times 3\frac{1}{2} \times 47$			$10\frac{1}{2} \times 3\frac{1}{2} \times 47$			$10\frac{1}{2} \times 3\frac{1}{2} \times 47$			$10\frac{1}{2} \times 3\frac{1}{2} \times 47$			"	"		$3\frac{1}{2}$ dia for 6 Rivets (B)
		$10\frac{1}{2} \times 3\frac{1}{2} \times 49$			$10\frac{1}{2} \times 3\frac{1}{2} \times 49$			$10\frac{1}{2} \times 3\frac{1}{2} \times 49$			$10\frac{1}{2} \times 3\frac{1}{2} \times 49$			"	"		$3\frac{1}{2}$ dia for 8 Rivets (CT)
		$11 \times 3\frac{1}{2} \times 48$			$11 \times 3\frac{1}{2} \times 48$			$11 \times 3\frac{1}{2} \times 48$			$11 \times 3\frac{1}{2} \times 48$			"	"		$3\frac{1}{2}$ dia for 6 Rivets (B)
		$11\frac{1}{2} \times 3\frac{1}{2} \times 49$			$11\frac{1}{2} \times 3\frac{1}{2} \times 49$			$11\frac{1}{2} \times 3\frac{1}{2} \times 49$			$11\frac{1}{2} \times 3\frac{1}{2} \times 49$			"	"		$3\frac{1}{2}$ dia for 8 Rivets (CT)
		$11\frac{1}{2} \times 3\frac{1}{2} \times 51$			$11\frac{1}{2} \times 3\frac{1}{2} \times 51$			$11\frac{1}{2} \times 3\frac{1}{2} \times 51$			$11\frac{1}{2} \times 3\frac{1}{2} \times 51$			"	"		$4\frac{1}{2}$ diams 22
		$12 \times 3\frac{1}{2} \times 50$			$12 \times 3\frac{1}{2} \times 50$			$12 \times 3\frac{1}{2} \times 50$			$12 \times 3\frac{1}{2} \times 50$			"	"		
		$15 \times 4\frac{1}{2} \times 4 \times 4 \times 625$			$15 \times 4\frac{1}{2} \times 4 \times 4 \times 625$			$15 \times 4\frac{1}{2} \times 4 \times 4 \times 625$			$15 \times 4\frac{1}{2} \times 4 \times 4 \times 625$			"	"		$3\frac{1}{2}$ dia for 6 Rivets (B)
		$15 \times 50 \times 4 \times 4 \times 625$			$15 \times 50 \times 4 \times 4 \times 625$			$15 \times 50 \times 4 \times 4 \times 625$			$15 \times 50 \times 4 \times 4 \times 625$			"	"		$3\frac{1}{2}$ dia for 8 Rivets (CT)
		10×22			10×22			10×22			10×22			"	"		$3\frac{1}{2}$ dia for 6 Rivets (B)
														"	"		$3\frac{1}{2}$ dia for 8 Rivets (CT)
														"	"		
Spacing of Longitudinal Frames		815 m			760 m			815 m			760 m						
Double Bottoms		Tank Top Longitudinals			Transverse System.												
L, L or C		Bottom															
Spacing of Longitudinals		At Ends...															
Transverses.		m/m	m/m	m/m				m/m	m/m	m/m				Rivets in Lugs to Shell			
In Bridge		Depth and Thickness												Diam.			
'tween Decks		Face Angles												Speng.			
UPPER STRA		Lugs to Shell*															
UPPER STRA		Depth and Thickness															
STRAKE STRA		Face Angles															
STRAKE STRA		Lugs to Shell*															
POOP STRA		Depth and Thickness															
BRIDGE		Face Angles															
FORECASTLE		Lugs to Shell*															
		Back Bars															
		Brackets															
Spacing of Transverse Frames		2.09 & 3.200 Centre Span.															
		* State if joggled or liners.															
Longitudinal Beams of \angle , L or \square		Bridge Deck	$6 \times 3 \times 32$		$6 \times 3 \times 32$			$6 \times 3 \times 32$			$6 \times 3 \times 32$			1.0 m			
		Upper	$8\frac{1}{2} \times 3\frac{1}{2} \times 40$	$6 \times 3 \times 32$	$8\frac{1}{2} \times 3\frac{1}{2} \times 40$	$6 \times 3 \times 32$		$8\frac{1}{2} \times 3\frac{1}{2} \times 40$	$6 \times 3 \times 32$		$8\frac{1}{2} \times 3\frac{1}{2} \times 40$	$6 \times 3 \times 32$		760 m			
		Second												815 m			
		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.