

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

29 JAN 1945

Received at London Office

3.0 JAN 1945

40102 State of Report has been sent on the Freeboard of the Vessel. /

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

Date of completion of report 22nd July 1944 Port of Barcelona No. 4975

Survey held at Valencia Date First Survey 29th April 1942 Last Survey 4th January 1944

On the (State of Machinery fitted Aft and if Single, Twin or Triple Screw) Coaster M/V "VIRGEN DEL PILAR" Machinery Aft. Single Screw

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections Poop & Open Forecastle

TONNAGE under 307.12 CLASS #100A1 State if with freeboard} no Built at Valencia  
Tonnage Deck... for coasting service condition of Class

Do. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern } Metres L 42.14  
post on summer L.W.L. See Sec. 3 (1a)

Total Breadth (greatest moulded) ..... B 8.00

Gross Tonnage 399.66 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... D 3.40

Register Tonnage 181.77 1st Longitudinal Number (L x D) ..... = 143.28

2nd Numeral L x (B + D) ..... = 480.40

Framing Depth "d," at middle of length. See Sec. 3 (1d) ..... 3.04

Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... 12.39

Do. Long Bridge to top of keel ..... 3.06

Draught Moulded ..... 3.06

Launched 18th March 1943 Yard No. 41

Builders Union Naval de Levante

Owners D. Vicente Enseñat

Managers D. Vicente Enseñat

Residence Madrid

Port of Registry Palma de Mallorca

If surveyed while building, afloat, or in dry dock during building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

Millimetres	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
8, Spacing amidships			
from 1/2 length to Collision bulkhead	565 ✓		
in peaks			
FRAMING.			
Amidships, Angle, E or F	8, 15, 21, 37, 44 & 60		
Extends up to Upper dk. Plate	220.6.5		
Reverse	65.65.7		
Frame Amidships, Angle at the room double angle of...	76 64 8.75		
Extends up to...	side stringer		
of Framing Girder	NO		
in Uppermost Continuous 'tween Decks, Angle, E or F	61		
Second 'tween Decks, Angle, E or F	61		
Third	61		
in Peaks, Angle or F	76 64 7.1		
Spacing of Rivets through Frame and Shell Plating amidships	16 Apart 7 diam.		
Frame Joggled	NO		
ARRANGEMENTS (Sec. 7), state system and particulars	By beams & stringers as approved plan.		
THENING OF BOTTOM FOR D. State Particulars	Double frames at bottom & additional side keelsons forward of 1/2 length.		
BOTTOM.			
Depth and thickness at mid-line in Holds	360 7.5		
Height of Brackets at side above base line at toe of frame	Frames attached to floors.		
Line Keelson, on Floors, Angles, E or F	90 75 9		
Through Plate or Intercoastal Plate	7 & 8.5 at eng. room		
Foundation Plate on Floors	/		
Flat Plate Keel Angles	75 75 8		
Keelsons, No. each side 1 & 2 at 1/2 length.	6.5 & 8.5 at eng. room		
thickness of Intercoastal Plate	75 75 8		
Angles two Head Base	65 65 7 and 65 65 9 at eng. room		
DOUBLE BOTTOM.			
Solid Floors, thickness and spacing	/		
Are Frame and Reversed Frame joggled?	/		
Bracket Floors, breadth and thickness at middle line	/		
breadth and thickness at margin plate	/		
Bracket Floors, Frame			
Reversed Frame			
Vertical Struts			
Centre Girder, depth and thickness amidships			
top Angles			
bottom Angles			
Side Girders, No. each side and thickness			
Margin Plate depth (excl. of flange) and thickness			
Vertical Angle to Tank side Bracket abaft 1/2 len. from stem			
Vertical Angle to Tank side Bracket forward 1/2 len. from stem			
Gussets, spacing and scantling abaft 1/2 len. from stem			
Gussets, spacing and scantling forward 1/2 len. from stem			
Tank Side Brackets, height above base line at toe of Frame and thickness			
INNER BOTTOM PLATING.			
Breadth and thickness of Middle Line Strake			
Thickness of remainder in Holds	3.2		
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?	3.2		
BEAMS.			
Uppermost Continuous Deck, amidships in Wells, Angle, E or F	120 80 10	Through &	
in way of Bridge, Angle, E or F	76 64 7.1	half	
Spacing	565		
Second Deck, amidships, Angle, E or F	/		
Spacing	/		
Third Deck, amidships, Angle, E or F	/		
Spacing	/		
Fourth Deck, amidships, Angle, E or F	/		
Spacing	/		
Poop Deck, Angle, E or F	110 70 8		
Spacing	565		
Bridge Deck, Angle, E or F	/		
Spacing	/		
Forecastle Deck, Angle, E or F	110 70 8		
Spacing	565		



PILLARS AND DECK							
	m/m	Inches IN SHIP.	Any Departure from Approved Plans to be Noted.		m/m	Inches IN SHIP.	Approved Plans to be Noted.
<b>PILLARS,</b> No. of Rows..... <i>one</i>	/	Yes		Stringer Plate, breadth and thickness in way of Bridge .....	/		
" in 'tween Decks, Size and Spacing.....	/	Barece ions		Thickness of Plating abreast Deck openings in way of Wells .....	/		
" " " "	/	SOUTH AFRICA 1948		Thickness of Plating abreast Deck openings in-way of Bridge .....	/		
" " " fitted at the hatch ends.	150 diam. &			Thickness of Plating within line of openings..	/		
" " " 10 Holds	10 thick	✓		If Sheathed, material and thickness .....	/		
<b>Centre Line Bulkhead,</b>		✓		<b>Third Deck.</b>			
Stiffeners and Spacing.....	1.5			Stringer Plate, breadth and thickness.....	/		
Plating, thickness of	/	00.8		If Plated, state thickness.....	/		
<b>STRINGERS AND DECKS.</b>		✓		<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>	1500 x 10	No bridge fitted		Stringer Plate, breadth and thickness.....	/		
Stringer Plate, breadth and thickness in Wells	1500 x 13			If Plated, state thickness .....	/		
" " " " in way of Bridge	75 x 75 x 8			<b>Poop Deck.</b>			
" Angle in Well	75 x 75 x 8			Stringer Plate, breadth and thickness .....	/		
Thickness of Plating abreast Deck openings in way of Wells	10			Plating, Sheathing, material and thickness ...	/		
Thickness of Plating abreast Deck openings in way of Bridge	6			<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...	6			Stringer Plate, breadth and thickness.....	/		
If Sheathed, material and thickness	no			Plating, Sheathing, material and thickness ...	/		
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	/			Stringer Plate, breadth and thickness.....	/		
				Plating, Sheathing, material and thickness ...	/		

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	AFT.			Diam.	Spacing or to c.f.		Diam.	Spacing or to c.f.	
FLAT PLATE KEEL .....	1420	10	9	9		Double	16 4 0	Three	19 3.5 0	Strap.		
" DBLG. (if any)	/	/	/	/					/	/		
BOTTOM PLATING, No. of Strakes .....	1420	7.5	7.5	7.5		Single	16 4 0	Double	18 3.5 0	Lapped		
BIDGE PLATING, No. of Strakes .....	1580	7.5	6.5	6.5		"	16 4 0	"	16 3.5 0	"		
SIDE PLATING, No. of Strakes .....	1550	7.5	6.5	6.5		"	16 4 0	"	16 3.5 0	"		
UPPER DECK, Sheer-strake in Wells .....	1550	9.5	8	8		"	16 4 0	Three	16 3.5 0	"		
UPPER DECK, Sheer-strake in Bridge .....	1360	14	/	/		"	16 4 0	Single	16 4 0	"		
STRAKE BELOW SHEER-strake in Wells .....	/	/	/	/		"	16 4 0	Single	16 4 0	"		
STRAKE BELOW SHEER-strake in Bridge .....	/	/	/	/		"	16 4 0	Single	16 4 0	"		
POOP SIDE PLATING .....	1350	5.5	/	/		"	16 4 0	Single	16 4 0	"		
BRIDGE SIDE PLATING .....	860	/	/	/		"	16 4 0	Single	16 4 0	"		
FORE'TLE SIDE PLATING	1300	5.5	/	/		"	16 4 0	Single	16 4 0	"		

		Plating Thickness. m/m	STIFFENERS.				STEERN FRAME	Rudder	Steel 130 x 70	SPECIAL PAINTS.	SPECIALS. BEL.
			VERTICAL.		HORIZONTAL.						
			Scantlings.	Spacing.	Scantlings.	Spacing.					
MIDSHIP BULKH'D.	Upper tween decks										
"	" Second "										
"	" Third "										
"	" Holds .....										
COLLISION	(in Hold) .....										
AFTER PEAK	" .....										
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)											
STEEL.		Fabricas de Bilbao and Sagunto. - Siemens Martin Process									
Has the Steel been tested as required by the Rules?		See letter 23-10-41 from Sec. addressed to Bilbao Surveyors.									

EQUIPMENT No. 555									LETTER F		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 5A		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	Owts.	qrs.	lbs.			
57 ✓	1st Bower ..	275	Kgs.					9750 Kgs	370 Kgs.			Cast steel head	Talleres Ochandiano	
58 ✓	2nd " ..	574	"					9720 "	370 "			Forged steel	de Deus to SA.Bilbao.	26-6-42 A.E.S.
	3rd " ...													
	Collective weight.	749	Kgs.											
61	Stream .....	108	Kgs.	28	Kgs.			5340 "	150 "					Ochandiano
63	Kedge	61	"	20	"			4280 "						9-6-42 A.E.S.

Number of Certificate.	Length and size supplied.		Test per Certificate.		Weight or Mass Cable.		Length and Size Supplied.		Description.	Marked on Cables.	Where and by whom tested and Superintendent.	Material.	Length and Size Supplied.		Breaking Load of Steel Wire.		Length and Size per Table 63.	
	Length.	Diam.	Strain- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.	Length.	Cir.	Length.	Cir.
3/M	500	25	17780	Y	32000	4110	500	25	Stud Mjos de Link Vicinity Ochendiano				135	72	24780	135	64	
									Ochendiano B.V. Surveyor J.R.				165	140	rop	165	140	
Iron Stream Chain or Steel Wire	85	64	24780				85	64					150	121	"			
													175	121	"			

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel yes (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no

Fuel oil is carried in the engine room deep tanks. Fore peak is arranged to use as ballast or fuel oil tank.

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. Materials and workmanship are good.

Weather deck and W.T. bulkheads have been satisfactorily nose tested.

Oil fuel deep tanks and fore and after peak tanks have been tested in accordance with the Rules requirements and found satisfactory.

Windlass and steering hand winch tested under working condition and found satisfactory.

Extreme length 43.90 metres.

Freeboard assigned by the Spanish authorities has been verified as marked on ship's sides and found according with Certificate.

The amount of Entry Fee ....	Rs. : 360.-	Fees applied for,	
		22-7-1944	
Special Survey Fee, ...	£ 5760.-	Received by me,	I am of opinion the Vessel should be Classed <b>*100A1 for coasting service</b>
Travelling Expenses, if any	£ 1065.-	19	

State whether the Vessel has been built under Special Survey Yes

Certificate is sent to Bel. Surveyor Date of issue 15/10/45

Signature [Signature]  
Surveyor to Lloyd's Register of Shipping.



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.)

57	375 Kgs.	370 Kgs.	Cast steel head Tapered	370 Kgs.	Cast steel head Tapered
58	374 "	370 "	Forced steel de Densito	370 "	Forced steel de Densito
61	345 Kgs.	340 Kgs.	34.5-Bilbo.	34.5-Bilbo.	34.5-Bilbo.
63	108 Kgs.	108 Kgs.	150 "	150 "	150 "

Copies of all approved plans already retained in London Office.

Plans of midship section, profile and shell expansion, are forwarded herewith.

Forging and casting Certificates are enclosed.

Union Naval de Levante Yard No. 40. Also Union Naval de Levante Yards Nos. 38 & 39 are sister ships.

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150 1st  
175 1st

Ordinary geared hand winch  
S Wood 4.5x1.6x0.7 mts  
50 m/m pipe  
Two  
9.07 x 5 m x 2.075 m No. 3  
7 lifting beams  
Number of lifting beams and fore and after  
Size of No. 1 Hatchway (Forward)  
Large Hatchways (Upper Deck)  
Felling in Hatchways  
50 m/m pipe  
S Wood 4.5x1.6x0.7 mts  
Lifting gear, beam  
Fitted relieving tackles

Fuel oil is carried in the engine room deep tanks. Fore peak is arranged to use as ballast or fuel oil tank.  
This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. Materials and workmanship are good.  
Weather deck and T.T. bulkheads have been satisfactorily hose tested.  
Oil fuel deep tanks and fore and after peak tanks have been tested in accordance with the Rules and found satisfactory.  
Windlass and steering hand tested under working condition and found satisfactory.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 233 Kgs. 2nd " 243 " 3rd " Stream 98 " Kedge 55 "	F. de B. F. de B. F. de B. F. de B.	1241 1242 1245 1247	22-5-42 22-5-42 22-5-42 22-5-42
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 10.65 mts, R.Q.D. 7.00 ft., Bridge 7.00 ft., Forecastle 7 mts.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated  
No. and Material of Decks (This information is to be given as it should appear in the Register Book) 1 steel deck  
Official No. : Signal Letters  
Is bottom of Vessel coated with cement yes if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity Tons	Where Fitted.	*Length. mts.	Water Capacity mts.3.
Double bottom, aft,			Fore peak tank,	4.20	40
Double bottom, under Engines and Boilers,			After peak tank,	1.70	15.8
Double bottom, if under Engines only,			Deep tank, aft,	4.00	26
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		

\* The wells are not to be included in the lengths of the tanks.  
1942 - Ap. 29 May 19 July 14, 31 Aug. 5 Sept. 11, 12 Oct. 19 Nov. 4, 28 Dec. 28  
1943 - Jan. 14, 25 Feb. 6, 24 March 9, 17 Ap. 6, 20 June 19, 22 July 15, 27, 28, 29, 31 Aug. 10.  
1944 - Jan. 4  
Order for Special Survey No.  
Date 6th January 1942  
Dates of Surveys held while building

At S.S.O.F. see "Luzen de la Esperanza" V.D. No. 40