

STEEL STEAMER or MOTORSHIP.

Received at London Office 22 OCT 1945

State if Report has been sent on the Freeboard of the Vessel ☒ YES ☐ NOState if Report is sent on the Machinery of the Vessel ☒ YES ☐ NO

WRECK SECTION

Date of completion of report 6-12-40

Port of GRONINGEN

Survey held at GRONINGEN

Date First Survey 26-7-39

Last Survey 2-12-

1940

On the (State if Machinery fitted Aft and

(If Single, Twin or Triple Screw)

TWIN SCREW STEEL MOTOR VESSEL "VIRIATO"

State Type (Full Scantling, Complete Superstructure

with or without Tonnage Openings)

FULL SCANTLING

State Type of Erections FORECASTLE, POOP & P.D.

TONNAGE under Tonnage Deck... NOT MEASURED

CLASS T100 A1

State if with freeboard as condition of Class

NO

Built at GRONINGEN

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

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

L 180.

Launched 25-4-40 Yard No. 172

Total

Breadth (greatest moulded)

B 31.5

Builders N.V. SCHEEPSWERF "GIDEON" J. KOSTER, HRN.

Gross Tonnage NOT MEASURED

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

D 15.42

Owners SOC. LUSITANIA COMP. PORTUG. DA PESCA.

Register Tonnage

1st Longitudinal Number (L x D) = 2903

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length NOT MEASURED

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

12.92

Residence LISBON

Breadth

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

12.3.

Port of Registry LISBON

Depth

Draught Moulded

✓

If surveyed while building, afloat, or in dry dock

BUILDING

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	570		Bracket Floors, Frame	130 75 8	5 x 3 x .36"
" " from $\frac{1}{2}$ length amidships to Collision bulkhead	"		" " Reversed Frame	115 65 8	4 1/2 x 2 1/2 x .36"
" " in peaks	"		" " Vertical Struts	200 75 1/2 8 1/2	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	760 x .38"	
Frame Amidships, Angle, \angle or \square	150 75 7 1/2		" " top Angles	3 3 .34	
" " Extends up to	UPPER DECK		" " bottom Angles	3 3 38	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	23" x .34	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 1/2 x .32	
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \square	✓		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	3 1/2 x .32	
" " Second 'tween Decks, Angle, \angle or \square	✓		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	✓	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	150 x 75 x 8 1/2		Tank Side Brackets, height above base line at toe of Frame and thickness	40" x .32"	
" " in Peaks, Angle or \angle	150 75 7 1/2		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 70		Breadth and thickness of Middle Line Strake	1220 x .34"	
State if Frame Joggled	NO		Thickness of remainder in Holds	.30	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	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?	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, \angle or \square	115 65 7 1/2	
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, \angle or \square		
Height of Brackets at side above base line at toe of frame			Spacing	570	
Middle Line Keelson, on Floors, Angles, \angle or \square			Second Deck, amidships, Angle, \angle or \square	✓	
" " Through Plate or Intercoastal Plate			Spacing	✓	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, \angle or \square	✓	
" " Flat Plate Keel Angles			Spacing	✓	
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, \angle or \square	✓	
" " thickness of Intercoastal Plate			Spacing	✓	
" " Angles			Poop Deck, Angle, \angle or \square	100 65 7 1/2	
DOUBLE BOTTOM.			Spacing	570	
Solid Floors, thickness and spacing	30" EVERY 4" FRAME		Bridge Deck, Angle, \angle or \square	✓	
" " Are Frame and Reversed Frame joggled?	NO		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	22 1/2" x .30"		Forecastle Deck, Angle, \angle or \square	115 65 7	
" " breadth and thickness at margin plate	22 1/2" x .30"		Spacing	570	

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	TWO		Stringer Plate, breadth and thickness in way of Bridge		
„ in 'tween Decks, Size and Spacing.....	-		Thickness of Plating abreast Deck openings in way of Wells		
„ „ „ „ „	-		Thickness of Plating abreast Deck openings in way of Bridge		
„ in Holds „ „	PIPE 4" x 20.		Thickness of Plating within line of openings...		
„ „ „ „ „	1140 114.		If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	-		Stringer Plate, breadth and thickness.....		
Plating, thickness of	-		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	1200 x . 34"		If Plated, state thickness		
„ „ „ „ in way of Bridge	1200 x . 32		Poop Deck.		
„ Angle in Wells	3 1/2 x 3 1/2 x 38"		Stringer Plate, breadth and thickness	1200 x . 32"	
Thickness of Plating abreast Deck openings in way of Wells 24"		Plating, Sheathing, material and thickness ...	20	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	. 24"		Stringer Plate, breadth and thickness.....	1200 x . 32	
If Sheathed, material and thickness	2 1/2" OREGON PINE		Plating, Sheathing, material and thickness ...	24 OREGON PINE 2 1/2"	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	. 24	
			Plating, Sheathing, material and thickness ...	24 PART OREGON PINE 2 1/2"	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	1220	1 1/2	11	11		DOUBLE	3/4	3.2	THREE	3/4	2 5/8	LAPPED.	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ...	1520	9 1/2	8 1/2	8 1/2		DOUBLE	3/4	3.2	TWO	3/4	2 5/8		
BILGE PLATING, No. of Strakes ...	1295	9 1/2	8 1/2	8 1/2		SINGLE	3/4	3.2	TWO	3/4	2 5/8		
SIDE PLATING, No. of Strakes ...	1473	9 1/2	8 1/2	8 1/2		SINGLE	3/4	3.2	TWO	3/4	2 5/8		
UPPER DECK, Sheer-strake in Wells	1194	11 1/2	8 1/2	8 1/2		SINGLE	3/4	3.2	THREE	3/4	2 5/8		
UPPER DECK, Sheer-strake in Bridge ...	1054	10 1/2	-	6 1/2		SINGLE	3/4	3.2	THREE	3/4	2 5/8		
STRAKE BELOW Sheer-strake in Wells													
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING ...	1054		6 1/2			SINGLE	5/8	2 1/2	TWO	5/8	2 1/4		
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			6 1/2			SINGLE	5/8	2 1/2	TWO	5/8	2 1/4		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		FOUR
Extending to Upper Deck (Sec. 3 c)		FOUR
Deck next below		
As per Rule		THREE

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	" Second "					
"	" Third "	$8\frac{1}{2} \div 7\frac{1}{2}$	C 230 x 90	610		
"	" Holds	$10 \div 6\frac{1}{2}$	C 180 x 75	597	60	
COLLISION						
"	" (in Hold)	$9 \div 7\frac{1}{2}$	C 150 x 75	59	610	
AFTER PEAK						
"	"	$9 \div 7\frac{1}{2}$	C 200 x 75	511		
			C 150 x 65	587	610	
			C 100 x 45	57		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT KEEL PLATE			
STEM	CURVED PLATE 12 MM.			
STERN FRAME	Propeller Post	FORGING 16 5/8 X 51	PEXELD	MACH KARR
	Rudder			
Speed of Vessel	12 KNTS.			
RUDDER—Type	T.W.R. BALANCED RUDDERS			
" A x D				
" Diam. of head	FORGING DIAM. 160 MM KLOCKNER WERKE KARR			
" Mainpiece at top ^{BUSH} plate	"	160 MM		
" " heel ...	"	75 MM		
" how constructed	ELECTR. WELDED			
" double or single plate	DOUBLE PLATE			
" coupling, vertical or horizontal	NO COUPLING			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS
DORTMUND HOERDER HUTTENVEREIN, DEUTSCHE ROMANWERKE AKTIENGESELLSCHAFT,
WERK THYSEN.

Has the Steel been tested as required by the Rules?

YES

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.)

RUBBERS
MIDSHIP SECTION
PROFILE, DECKS. SHELL EXPANSION
STERN FRAME
MOTOR SEATINGS
SHAFT BRACKETS.
STEERING GEAR

ROTTERDAM 14-12-39
ROTTERDAM 16-8-39
" 15-8-39
" 15-8-39
" 30-10-39
" 15-12-39
" 16-2-40

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower ✓
2nd „ ✓
3rd „ ✓

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

Official No. Signal Letters

Extreme Breadth over Belting
(Circ. 1611)

Over-all Length
(Circ. 1703)

No. and Material of Decks **ONE STEEL DECK**

Parts of Bottom of Vessel coated with cement or approved composition **NO CEMENT FITTED**

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. **27**

Date **12-9-39**

Dates of Surveys held while building

26-7-1939; 19, 31-8-39; 15-9-39; 6, 23, 25-10-39; 2, 10, 17, 23, 29-11-39; 15, 20, 22-12-39; 6, 12, 22, 30-1-40; 1, 8, 14, 16, 21, 27, 29-2-40; 8, 12, 19, 21, 22-3-40; 2, 4, 8, 10, 18, 22, 25, 29-4-40; 1, 4-5-40; 13-6-40; 25-11-40; 2-12-40

Total No. of Visits **44**