

STEEL STEAMER or MOTORSHIP.

MAY 1928

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 *22/10/27.*Port of *NAPLES*No. *2807.*Survey held at *Naples.*Date First Survey *Sept. 29th 1925*Last Survey *Aug. 21st 1927.*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Steel Twin Screw Motorship "VIRGILIO"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Complete Superstructure no tonnage opening (with limited draft)* State Type of Erections *Continuous strong Erection with Side openings*

TONNAGE under Tonnage Deck...

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

Total

Gross Tonnage

Registered Tonnage

REGISTERED DIMENSIONS. FEET.

Length

Breadth

Depth

CLASS *100 A1*State if with freeboard as condition of Class *Yes*Built at *Baia Naples*

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

L *485.6*Launched *19th December 1926* Yard No. *15*

Breadth (greatest moulded)

B *61.66*Builders *Cantieri ed. Officini Meridionale*

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

D *44.2*Owners *Navigazione Generale Italiana*

1st Longitudinal Number (L x D)

= *39.7*

Managers

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

2nd Numeral L x (B + D)

= *49240*

Residence

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

= *15.29*Port of Registry *Genoa*

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

= *10.96*

If surveyed while building, afloat, or in dry dock

Do. Long Bridge to top of keel

= *24.0*

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FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. millimetres	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. millimetres	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>485</i>	/	Bracket Floors, Frame	<i>180 85 10.5</i>	/
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>685</i>	/	" " Reversed Frame	<i>170 85 10</i>	/
" " in peaks	<i>610</i>	/	" " Vertical Struts	<i>300 100 10/16</i>	<i>Approved 6/10/25 See Correspondence</i>
DE FRAMING.			Centre Girder, depth and thickness amidships increased to 1500 deep in M.S.	<i>1200 x 15.2</i>	/
Frame Amidships, Angle <i>E or F</i>	<i>200 84 12</i>	/	" " top Angles	<i>90 90 14</i>	/
" " Extends up to <i>Uppermost Continuous deck C</i>			" " bottom Angles	<i>130 130 16</i>	/
" " Deep Webs and Side Stringers in Machinery Space as per approved Plan.			Side Girders, No. each side and thickness	<i>Two 11</i>	/
Reversed Frame Amidships, Angle	<i>120 120 12</i>	<i>App'd 100 x 100 x 12</i>	Margin Plate depth (excl. of flange) and thickness	<i>Horizontal 1200 x 14</i>	/
" " Extends up to <i>Lowest deck F</i>			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<i>Large flanged Brackets</i>	/
" " In way of Extra deck in N°3 Hold, 4 Reverse frames only see Approved Plan. N°61	<i>120 x 120 12</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	<i>Horizontal flange 1280</i>	/
Depth of Framing Girder	<i>205 minimum</i>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<i>Single angle 150 x 150 x 14</i>	/
Frames in Uppermost Continuous 'tween Decks, Angle <i>E or F</i>	<i>200 84 12</i>	/	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	<i>17-22 1/2 Rivets</i>	/
" " Second 'tween Decks, Angle <i>E or F</i>	" " "		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>2150 x 12</i>	/
" " Third " " " "	" " "		INNER BOTTOM PLATING.		
" " Boss frames <i>IL</i>	<i>165 90 12</i>	/	Breadth and thickness of Middle Line Strake	<i>1450 x 14 1/2 11.5</i>	/
Framing in Peaks, Angle <i>E or F</i>	<i>200 84 12</i>	/	Thickness of remainder in Holds	<i>13 1/2 10.5</i>	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships except in Oil Bunkers	<i>22 @ 6 diam</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>Motory Ship oil fuel.</i>	/
State if Frame Joggled	<i>Yes</i>	/	BEAMS.		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Deep Webs and Broad Stringers as per approved Plan N°1745</i>	/	Uppermost Continuous Deck amidships in Walls, Angle <i>E or F</i>	<i>220 85 12</i>	/
" " Webs 4 spaces apart $\frac{1}{2}$ x 12, double face angles $120 \times 80 \times 13$ in Hold			" " forward in way of Bridge, Angle <i>E or F</i>	<i>220 80 9/12.5</i>	/
" " 2 Side Stringers $\frac{1}{2}$ x 10, face angle $120 \times 80 \times 13$			" " Spacing	<i>Every frame</i>	/
STRENGTHENING OF BOTTOM FORWARD. State Particulars. Two Extra $\frac{1}{2}$ Height Intercoastal Girders each side frames $150 \times 150 \times 12$; Thickness of Midship bottom plating maintained to Coll. Bulkhead. Riveting as required by Rule	<i>As per Approved Plan. N°161a</i>	/	Second Deck amidships, Angle <i>E or F</i> and <i>C</i>	<i>240 85 9.5/13</i>	/
DOUBLE BOTTOM.			" " Spacing	<i>Every frame</i>	/
Floors, Depth and thickness at mid-line in Holds			Third Deck amidships, Angle <i>E or F</i>	<i>240 85 9.5/13</i>	/
" " Height of Brackets at side above base line at toe of frame			" " Spacing	<i>Every frame</i>	/
Middle Line Keelson, on Floors, Angles, <i>E or F</i>			Fourth Deck amidships, Angle <i>E or F</i> and <i>C</i>	<i>300 x 100 10/16</i>	/
" " Through Plate or Intercoastal Plate			" " Spacing	<i>Every frame</i>	/
" " Foundation Plate on Floors			Forecastle Deck, Angle <i>E or F</i>		/
" " Flat Plate Keel Angles			" " Spacing		/
Side Keelsons, No. each side					
" " thickness of Intercoastal Plate					
" " Angles					
DOUBLE BOTTOM.					
Side Floors, thickness and spacing in Hold Space, forward of $\frac{1}{2}$ L and after end where on every	<i>12 every 3rd frame except</i>	/			
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>	/			
Bracket Floors, breadth and thickness at middle line	<i>1250 x 12</i>	/			
" " breadth and thickness at margin plate	<i>1450 x 12</i>	/			

PILLARS AND DECKS.

	INCHES IN SHIP. m.m.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. m.m.	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.....	Widely spaced	/	Thickness of Plating abreast Deck openings in way of Wells	10.5 to 8	✓
„ „ „ „ „	pillars as per approved	/	Thickness of Plating abreast Deck openings alongside machinery opening	15 to 15.5	✓
„ „ „ „ „	plan.	/	Thickness of Plating within line of openings...	9 to 8	✓
„ in Holds „ „	do.	/	If Sheathed, material and thickness	40 Teak abreast Side openings 60 P.P. other parts	✓
„ „ „ „ „			Third Deck. "E"		
Centre Line Bulkhead.			Stringer Plate, breadth and thickness.....	1680 x 10 to 9	✓ Rule width
Stiffeners and Spacing.....			alongside machinery opening	12.5	✓ 1300
Plating, thickness of			If Plated, state thickness.....	9 to 8	✓
STRINGERS AND DECKS. "C"			Fourth Deck. "F" in Holds.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	1650 x 9 to 8	✓ Rule width
Stringer Plate, breadth and thickness in Wells	1670 x 18.5 to 11	/	If Plated, state thickness	9 to 8	✓
„ „ „ „ in way of Bridge	✓	✓	Fifth Poop Deck. "G" in No. 3 Hold only		
„ Angle in Wells	150 150 18.5	/	Stringer Plate, breadth and thickness	1630 x 9	✓
Thickness of Plating abreast Deck openings in way of Wells	13	✓ approved 12	Plating, Sheathing, material and thickness ...	8	✓
Thickness of Plating abreast Deck openings in way of Bridge	✓	✓	Bridge Deck.		
Thickness of Plating within line of openings...	11	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	40 Teak	✓	Plating, Sheathing, material and thickness ...		
Second Deck. "D"			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	1720 x 13.5 to 11	✓ approved 11 to 9	Stringer Plate, breadth and thickness.....		
increased to 16.5 abreast machinery opening			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES. No				
	AMIDSHIPS.		FORWARD.	AFT.	State if jogged?	RIVETS.		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	No. OF ROWS OF RIVETS.	RIVETS.	STRAPPED OR LAPPED.
	inches. m.m.	inches. m.m.	inches. m.m.	inches. m.m.		Diam. mm	Spacing cr. to cr.	Diam. mm	Spacing cr. to cr.
FLAT PLATE KEEL	1545	26	20	20	Breadth App'd 1540.	Double	28	Four	28 98 Single Straps
„ DBLG. (if any)		None							
BOTTOM PLATING, No. of Strakes	2000	17.8	13	13	Midship Thickness app'd 17.5	Double	22	Four	22 88 lapped
BILGE PLATING, No. of Strakes	2000	17.8	13	13	do	do	22	do	22 88 do
SIDE PLATING, No. of Strakes	2000	17.0	12	13.16	do	do	22	Three	22 74 do
UPPER DECK, Sheer- strake in Wells.....	1690	20.8	13	13	Breadth approved 1650	do	25	do	25 101 Double Straps
UPPER DECK, Sheer- strake in Bridge ...									
STRAKE BELOW Sheer- strake in Wells.....	1650	19	13	13		do	do	do	25 100 double Straps
STRAKE BELOW Sheer- strake in Bridge ...									
POOP SIDE PLATING				21	Approved. 20	do	do	Four	25 100 lapped
BRIDGE SIDE PLATING ...									
FORECASTLE SIDE PLATING									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel <i>Eight (inclg. No. 1 Bkr. 65/66)</i>					
Extending to Upper Deck (Sec. 3 c) <i>Eight (inclg. No. 1 Bkr. 65/66)</i>					
" Deck next below <i>One (After Peak to Edk, Edk W.T. above)</i>					
As per Rule. <i>Eight</i>					
	Plating Thickness.	STIFFENERS.			
		VERTICAL		HORIZONTAL.	
		Scantlings, Spacing.		Scantlings, Spacing.	
<i>Frame 102</i>	<i>DKE</i>	<i>65-70</i>	<i>130 x 65 x 8</i>	<i>785</i>	
MIDSHIP BULKHD, Upper tween decks				<i>1 1/4</i>	✓
Sec App'd plan " Second	<i>E 16 F</i>	<i>75/80</i>	<i>150 x 70 x 8</i>	<i>do</i>	✓
<i>1647.</i>	Third				
"	Holds to Edk	<i>8.5/11.5</i>	<i>260 x 90 x 10/14</i>	<i>do</i>	
"	App'd plan. 1662	<i>8.5/13</i>	<i>300 x 100 x 10/16</i>	<i>610</i>	<i>Horizontal stiffener as per plan 1705</i>
COLLISION	(in Hold)	<i>10.5/13</i>	<i>280 x 95 x 10/15</i>	<i>610</i>	
AFTER PEAK	To Tunnel Recess on 14 ft	<i>10/11</i>	<i>160 x 65 x 15/10.5</i>	<i>610</i>	
App'd Plan 1650	Tween deck above on 8 ft				
STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction				
	<i>Stab. Ilva di Fra, Ilva Sarnona, Dorman Long</i>				
	<i>open hearth process</i>				
	Has the Steel been tested as required by the Rules? <i>Yes (Yes)</i>				

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Lower. Casting	273 x 105/70	Skoda	✓
STEM	Upper. Forging	270 x 70	Prague	✓
STERN FRAME { Propeller Post	Castings	as per App'd plans No. 1644, 1645	do	✓
{ Rudder „ post	do			✓
RUDDER—A x D.....				✓
Speed of Vessel.....	15 Knots.			✓
RUDDER mainpiece at head ...	Forged	410	do	✓
„ „ „ heel ...		310		✓
„ how constructed	Built	as per App'd plans 1653 x 1653 bis		✓
„ double or single plate	Single			✓
„ coupling, vertical or horizontal	Horizontal			✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Stab. Ilva di Pra, Ilva Sarnia, Dorman Long, Cargo Fleet, Gutchoffsaurungshutte Gberhausen*

Has the Steel been tested as required by the Rules? *Yes (Test Certificate forwarded with Sister Vessel Ref. No. 2788)*

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.)

This vessel is a sister vessel to the M.S. GRAZIO the same builders N^o 14.
and Naples Report N^o 2488.

Plan of Midship section as built now forwarded herewith

Remaining approved plans were forwarded with Rept N^o 2488 of sister vessel an wheel
list of plans was given.

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

1st Bower

2nd "

3rd "

See Genoa Report.

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 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) 2 DKS (Sec) & Shade DK (St pt teak.s)
3rd dk (St?) in Holds, 4th dk (St) in N^o 3 Hold

Official No. ; Signal Letters

Is bottom of Vessel coated with cement pt cement if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	136.5	444	Fore peak tank,		119
Double bottom, under Engines and Boilers,	72.0	482	After peak tank,		137
Double bottom, if under Engines only,			Deep tank, aft, oil fuel. Bunkers.		612
Double bottom, if under Boilers only,			Deep tank, forward, Oil fuel. Bunkers alongside Tunnels		500
Double bottom, forward,	195.5	660	Other tanks, if fitted, F.W. Tank aft		161
Total capacity of double bottom		1586	(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. 20 July 1925.

Dates of Surveys
held while building

1925: Sep. 29, Oct. 9, Nov. 3, 10, 17, 21, Dec. 14, 15, 17, 22, 29. — 1926: Jan. 4, 5, 8, 12, 14, 19, 20, 21, 25, 26, 28, 30.
Feb. 4, 9, 11, 16, 20, 23, 24, 26, Mar. 2, 4, 10, 18, 23, 24, 25, 26, Apr. 6, 9, 10, 13, 16, 19, 22, 24, 29, May 3, 15, 18, 19, 20, June 1, 7, 8, 10, 11, 17, 21,
24, 28, July 1, 2, 5, 6, 9, 16, 21, Aug. 5, 17, Sep. 9, 13, 23, 30, Oct. 1, 8, 13, 16, 21, 22, 29, 30, Nov. 3, 6, 10, 11, 12, 15, 16, 17, 18, 20, 22, 23, 25, 27, 29, 30,
Dec. 1, 3, 6, 9, 11, 13, 14, 15, 16, 17, 18, 19, 22, 28, 1927: Jan. 5, 7, 10, 12, 13, 14, 21, April 19, 22, 23, 28, 29, May 2, 3, 4, 6, 9, 11, 13, 14, 17, 18, 20,
23, 24, 25, 27, 30, 31, June 1, 2, 6, 7, 8, 10, 13, 14, 15, 17, 20, 21, 25, 27, 28, 30, July 1, 4, 5, 6, 8, 9, 11, 12, 13, 14, 18, 1928: Jan. 1, 2, 5, 6, 8, 9, 10, 11, 12, 16, 17, 18, 19, 21.

Total No. of Visits 192