

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office 21 NOV 1927

State if Report has been sent on the Freeboard of the Vessel

Yes 407685

State if Report is sent on the Machinery of the Vessel

Yes

Date of completion of report November 11th, 1927

Port of Trieste

Survey held at SAN ROCCO & TRIESTE

Date First Survey 9th October 1925Last Survey 11th November 1927

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

SINGLE SCREW

MOTOR VESSEL

SUMATRA

State Type

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

COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE OPENING

State Type of Erections

flush

TONNAGE under Tonnage Deck...

4217.87

CLASS 100 A.1.

State if with freeboard as condition of Class

Yes

Built at San Rocco

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 404.86

Launched 20th Oct 1926 Yard No. 753

Total

Breadth (greatest moulded)

B 53.97

Builders Cant San Rocco S.A

Gross Tonnage

6126.09

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

D 35.1

Owners Societa Marittima Italiana

Register Tonnage

3801.2

1st Longitudinal Number (L x D) = 14210

Managers

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

REGISTERED DIMENSIONS.

Length 123.4
Breadth 16.5
Depth 24.6

FEET.
English Method
404.87
54.14
24.63

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

23.5

Residence

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

11.5

Port of Registry Genoa

Do. Long Bridge to top of keel

Draught Moulded

34' 3 1/2"

If surveyed while building, afloat, or in dry dock

Building, afloat and in dry dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	m/m INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		m/m INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	775		Bracket Floors, Frame	250 90 13	
" " from 1/4 length to Collision bulkhead	685		" " Reversed Frame	250 90 12	
" " in peaks	610		" " Vertical Struts	250 90 12	
SIDE FRAMING. IN PAINTING REGION IN WAY OF 3 rd Deck	300 x 100 x 100 1/4"		Centre Girder, depth and thickness amidships	1080 x 14	
Frame Amidships, Angle [or]	230 90 11		" " top Angles	90 90 13.5	
" " IN DEEP TANK	280 x 95 x 95 1/4"		" " bottom Angles	100 100 15	
" " Extends up to	2 nd Deck 3 rd Deck		Side Girders, No. each side and thickness	one 10.5	
Reversed Frame Amidships, Angle	180 85 10		Margin Plate depth (excl. of flange) and thickness	960 x 13.5	
" " Extends up to	180 85 10		" " Vertical Angle to Tank side	150 150 12	
Depth of Framing Girder	300 280 230		" " Bracket abaft 1/4 len. from stem	90 90 11	
Frames in Uppermost Continuous Decks, Angle [or]	200 85 10.5		" " Vertical Angle to Tank side	90 90 11	
" " Second 'tween Decks, Angle [or]	280 x 95 x 95 1/4"		" " Gussets, spacing and scantling abaft 1/4 len. from stem	90 x 90 x 11 every	
" " Third " " " "	200 85 10.5		" " Gussets, spacing and scantling forward 1/4 len. from stem	90 x 90 x 11 every	
Framing in Peaks, Angle [or]	180 85 10		Tank Side Brackets, height above base line at toe of Frame and thickness	20 70 x 12	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 C 6 1/4"		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	1330 x 13	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	deep frames oblong + 3" Dk		Thickness of remainder in Holds	11 to 10	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	double frames, section girder, midship thickness on bottom at ends of shell		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?	Yes	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Walls, Angle [or]	190 85 9.5	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle [or]	190 85 11.5	
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing	775, 685	
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle [or]	180 x 70 x 70 8.5 12.5	
" " Foundation Plate on Floors	✓		Spacing	775, 685	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle [or]	220 x 80 x 80 9.5 14	
Side Keelsons, No. each side	✓		Spacing	685	
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle [or]	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle [or]	✓	
Solid Floors, thickness and spacing	10.5 every 3 rd		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle [or]	✓	
Bracket Floors, breadth and thickness at middle line	940 x 10.5		Spacing	✓	
" " breadth and thickness at margin plate	880 x 10.5		Forecastle Deck, Angle [or]	✓	
			Spacing	✓	

PILLARS AND DECKS.

	m/m INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	m/m INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	3 Row			
" in 'tween Decks, Size and Spacing.....	wide spaced quarter pillars + girders as per approved plans			
" " " " "				
" in Holds " " "	wide spaced quarter pillars and girders as per app plan			
" " " " "				
Centre Line Bulkhead.				
Stiffeners and Spacing.....	amid 5 $260 \times 90 \times 90 \times 10.5$ 31550×1370			
Plating, thickness of	7.5			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.	amid			
Stringer Plate, breadth and thickness in Wells	1500 x 14.5			
" " " " " in way of Bridge	-			
" Angle in Wells	150 150 15			
Thickness of Plating abreast Deck openings } in way of Wells)	13.5 11.5			
Thickness of Plating abreast Deck openings } in way of Bridge)	✓			
Thickness of Plating within line of openings..	9.5			
If Sheathed, material and thickness	none			
Second Deck.	amid			
Stringer Plate, breadth and thickness in Wells...	1200 x 10.5			
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings } in way of Bridge)				
Thickness of Plating within line of openings..				
If Sheathed, material and thickness				
Third Deck.	Nº1 Hold			
Stringer Plate, breadth and thickness.....	1200 x 9.5			
If Plated, state thickness.....	8.5, 8, 10			
Fourth Deck.				
Stringer Plate, breadth and thickness.....	✓			
If Plated, state thickness	✓			
Poop Deck.				
Stringer Plate, breadth and thickness	✓			
Plating, Sheathing, material and thickness ...	✓			
Bridge Deck.				
Stringer Plate, breadth and thickness.....	✓			
Plating, Sheathing, material and thickness ...	✓			
Forecastle Deck.				
Stringer Plate, breadth and thickness.....	✓			
Plating, Sheathing, material and thickness ...	✓			

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jagged? <i>not jagged</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.	
	<i>Inches m/m</i>	<i>Inches m/m</i>	<i>Inches m/m</i>	<i>Inches m/m</i>			<i>Inches.</i>	<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>	
FLAT PLATE KEEL	<i>1300</i>	<i>20.5</i>	<i>18.5</i>	<i>18.5</i>	<i>app 19.5 - 17 7/8</i>	<i>double</i>	<i>1</i>	<i>3.8</i>	<i>four</i>	<i>1</i>	<i>4</i>	<i>lapped</i>
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <i>14</i>		<i>15.5</i>	<i>12.5</i>	<i>12.5</i>	<i>app 15 7/8</i>	<i>double</i>	<i>7/8</i>	<i>3.4</i>	<i>three</i>	<i>7/8</i>	<i>3 1/8</i>	<i>lapped</i>
BILGE PLATING, No. of Strakes <i>1</i>		<i>15.5</i>	<i>12.5</i>	<i>12.5</i>	<i>" "</i>	<i>double</i>	<i>7/8</i>	<i>3.4</i>	<i>three</i>	<i>7/8</i>	<i>3 7/8</i>	<i>lapped</i>
SIDE PLATING, No. of Strakes <i>14</i>		<i>15.5</i>	<i>11.5</i>	<i>11.5</i>	<i>" "</i>	<i>double</i>	<i>7/8</i>	<i>3.4</i>	<i>three</i>	<i>7/8</i>	<i>3 7/8</i>	<i>lapped</i>
UPPER DECK, Sheer- strake in Wells <i>amid</i>	<i>1270</i>	<i>17</i>	<i>11.5</i>	<i>11.5</i>		<i>double</i>	<i>7/8</i>	<i>3.4</i>	<i>four</i>	<i>7/8</i>	<i>3 1/2</i>	<i>lapped</i>
UPPER DECK, Sheer- strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-
STRAKE BELOW Sheer- strake in Wells <i>amid</i>	<i>1270</i>	<i>16</i>	<i>11.5</i>	<i>11.5</i>		<i>double</i>	<i>7/8</i>	<i>3.4</i>	<i>four</i>	<i>7/8</i>	<i>3 1/2</i>	<i>lapped</i>
STRAKE BELOW Sheer- strake in Bridge ...	-	-	-	-								
POOP SIDE PLATING	-	-	-	-								
BRIDGE SIDE PLATING ...	-	-	-	-								
FOREC'TLE SIDE PLATING	-	-	-	-								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		One				
" Deck next below		seven				
As per Rule		else				
		STIFFENERS.				
		VERTICAL.		HORIZONTAL.		
		Plating Thickness.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	" Second "					
"	" Third "					
"	" Holds	11-5 10-6-5	260x95 95x10 3/8	760	-	-
"	" (in Hold)	12-5-75	5180x70 1/2 70x8 5/16	562	two semi-box beams	
COLLISION						
AFTER PEAK		200x85 1x10 5	600	flat 1 3/8 beam		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings. <i>m/m</i>	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>✓</i>			
STEM	<i>top Bottom Forged Cast Steel</i>	<i>240 x 64</i>	WITKOWITZ	
STERN FRAME {	Propeller Post	<i>✓ 265 x 205</i>	WITKOWITZ	
	Rudder „	<i>✓ 230 x 200</i>		
RUDDER—A x D <i>100 x 204 1/2</i>	<i>✓</i>			
Speed of Vessel..... <i>10.5</i>				
RUDDER mainpiece at head ...	<i>Forged</i>	<i>294</i>	WITKOWITZ	
„ „ heel ...	<i>✓</i>	<i>219</i>		
„ 'how constructed	<i>Built</i>			
„ double or single plate	<i>Single</i>			
„ coupling, vertical or	<i>Vertical</i>			
„ horizontal				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth steel*
Wilkowitz. Domowitz, Ilva.
Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 384 m/n												LETTER Z	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
306	1st Bower ...	70	0	16	stockless			54	0	0	0	63 3/4	Halls Patent	Skodra	Pisa 6.4.26 C.R.H.
284	2nd „ ...	70	0	1	"			54	10	0	0	63 3/4	Halls Patent	Skodra	Pisa 18.2.26 C.R.H.
290	3rd „ ...	60	0	9	"			48	10	0	0	54 1/2	Halls Patent	Skodra	Pisa 25.2.26 C.R.H.
	Collective weight.	200	6	26								182			
296	Stream „	20	1	25	5	0	20	21	4	0	0	17 1/2	Admiralty	Skodra	Pisa 25.2.26 C.R.H.

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
216	274	2 1/4	91.2.2	127 1/2	713	2	13	682 1/4	270	2 1/4	Steel Link	Carl Schlegel	Grüne, 9.3.26 Quast	TOWLINE ...	120	5	59	130	5 1/2
Iron Stream Chain or Steel Wire	90	4 3/4	47						90	4 3/4				HAWSERS & WARPS	90	2 3/4	15 1/2	90	2 3/4
														"	90	2 3/4	15 1/2	90	2 3/4
														"	90	2 3/4	15 1/2	90	2 1/2
														"	90	2 3/4	15 1/2	90	2 1/2

Steering Gear, Steam <i>electric efficient</i>	Steering Gear, Hand <i>efficient</i>	
Boats <i>two</i>	Steering Chains, Size and Test <i>geared direct</i>	Windlass <i>electric efficient</i>
Ceiling in Holds, thickness and material <i>W.P. 2 1/2" on battens</i>	Cargo Battens, thickness, material and spacing <i>W.P. 2" @ 9"</i>	
Cargo Hatchways.—(Upper Deck) <i>sides 44" ends 44"</i>	Thickness of Hatches <i>2 1/2"</i>	
Size of No. 1 Hatchway (Forward) <i>22'6" x 23'7"</i> No. 2 <i>25'5" x 23'7"</i> No. 3 <i>20'4" x 23'7"</i> No. 4 <i>15'3" x 23'7"</i> No. 5 <i>22'10" x 23'7"</i> No. 6 <i>22'10" x 23'7"</i>		
ber of Shifting Beams and/or Fore and Afters <i>No. 1, 4 ; No. 2 4 ; 3 ; 2 ; 4 ; 4</i> <i>no fore Lafters.</i>		

Stabilimento Tecnico Triestino

Builder's Signature

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans and with the Rules.
The workmanship is good
The freeboard has been verified and the marks cut in on the vessel's side
All double bottom and peak tanks have been satisfactorily tested under pressure
The weather decks, bulk heads and tunnel have been tested with satisfactory results
The requirements of Sect 35 of the Rules 1926 where applicable have been complied with.

to be combined and

The amount of Entry Fee Lire 1030:—	Fees applied for, (CR)	I am of opinion the Vessel should be Classed +100 A.1. WITH. FREEBOARD
Freeboard 1080	19	
Special Survey Fee... Lire 36.375:—	Received by me, 26.3.28	
Travelling Expenses, if any Lire : 966:—		
State whether the Vessel has been built under Special Survey Yes	Signature Wm Balfour	
Certificate to be sent to Trieste office	Date of issue 25/11/27	Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 25 NOV 1927

Character assigned

+ 100 A.1

With freeboard

Lloyd's a.r.c.p.

+ L.R.B. 11.27
Oil Engines

S.D. 100 A.1

links

My



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Lloyd's Register
Foundation

W 1080 00243 2

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.)

Sister Vessel. Same Builders No 752. M.V. HILDA.

List of plans

(1) Midship Section app: No 2 Deck plan app; No 3 Profile app No 4 Deep tank
No 5 Construction for 2 No 6 Construction aft No 7 Stern frame & rudder; No 8 N.T. B.H.D.
No 9 Deck girders; No 10 & 11. Main motor seating; No 12 Strengthening of D.B. under motor
No 13 Strengthening in motor space; No 14 Sealings for electric generators; 15 Heads & Heels of pillars
No 16 Pillar at No 146 No 17 framing.

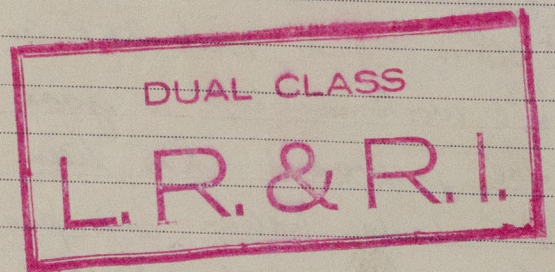
The following 'as fitted' plans are forwarded

No 18A Midship Section No 19A Decks; No 20A Profile.

The following plans are forwarded for cancellation:

2 plan of anchor swivel - not fitted.
3 plans of modification to hull, proposed but not proceeded with
viz. plan of centre line pillars & girders
3rd Deck
O.T. floor at No 42 & 103.

Forging Reports 3 forging & castings reports enclosed



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

1st Bower	Head 42-3-10. CRH. 12-1-26. No 653	SHANK 22-1-21. CRH. No 680 11-3-26
2nd "	" 43-0-1. CRH. 12-1-26 No 654	SHANK 22-0-23 CRH No 656 30-10-25
3rd "	" 34-2-4 CRH 30-10-25 No 657	SHANK 18-1-22 CRH No 658 30-10-25

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) Two decks steel 3rd deck steel forward

Official No. ; Signal Letters

Is bottom of Vessel coated with cement ☒ if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	107	309	Fore peak tank,	20	208
Double bottom, under Engines and Boilers,	—	—	After peak tank,	21	121
Double bottom, if under Engines only,	59	244	Deep tank, aft,	33	1037
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	175	600	Other tanks, if fitted,	—	—
Total capacity of double bottom	—	1153	(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. 128

Date 15 July 1925

Dates of Surveys held while building

1925 Oct 2, 2, Nov 30, Dec 12, 14, 28, 1926 Jan 4, 11, 28, Feb 19, Mar 26, May 26,
June 7, 15, 24, July 16, 22, Aug 19, 24, Sep 2, 9, 11, 15, 17, Oct 11, Dec 16,
1927 Feb 15, 23, 28, Mar 17, Apr 13, June 18, July 1, 21, Aug 10, 13, Sep 5, 7, 8, 14, 21, 2
Oct 1, 10, Nov 11,

Total No. of Visits 46