

-7 DEC 1926

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *Yes No 7052*

State if Report is sent on the Machinery of the Vessel *Yes new*

Date of completion of report *25th November 1926* Port of *TRIESTE* No. *7365*
Survey held at *SAN ROCCO* Date First Survey *March 13th 1925* Last Survey *October 13th 1926*

On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) *S. S. MOTOR VESSEL "ARABIA"*

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *FULL SCANTLING* State Type of Erections *POOP, BRIDGE, FOYLE*

TONNAGE under 5390.94 CLASS *+100A1* State if, with freeboard) *no* Built at *San Rocco*
Tonnage Deck... as condition of Class) FEET.

Do. of space or spaces between Tonnage Dk. and Upper Dk. *100* Length from fore part of stem to after part of stern } *L 430.00*
post on summer L.W.L. See Sec. 3 (1a)

Total Breadth (greatest moulded) *B 55.25*

Gross Tonnage *7024.63* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 30.21*

Register Tonnage *4498.66* 1st Longitudinal Number (L x D) = *12990*

2nd Numeral L x (B + D) = *36748*

REGISTERED DIMENSIONS. Framing Depth "d," at middle of length. See Sec. 3 (1d) *16.54*

Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.34*

Do. Long Bridge to top of keel *11.25*

Draught Moulded *25.15*

Residence *GENOA*

Port of Registry *GENOA*

If surveyed while building, afloat, or in dry dock *While building & in dry dock*

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	28		Bracket Floors, Frame	9 3/2 .55	
" " from 1/2 length to Collision bulkhead.....	27		" " Reversed Frame	9 3 .41	
" " in peaks.....	24		" " Vertical Struts	9 3 .41	
DE FRAMING. IN DEEPTANK [	10 1/4 3 1/2 .61/41		Centre Girder, depth and thickness amidships	43 5/8 .53	
Frame Amidships, Angle, E or [	9 7/8 3 1/2 .47		" " top Angles	3 1/2 3 1/2 .51	
" " Extends up to	2nd DECK		" " bottom Angles	4 4 .65	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE .39	
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	39 3/8 .51	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 1/2 3 1/2 .41	
Frames in Uppermost Continuous 'tween Decks, Angle, E or [.....	7 1/2 3 3/8 .43		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	5 1/8 5 1/8 .51	AT EVERY FRAME
" " Second 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	3 1/2 3 1/2 .41	AT EVERY FRAME
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem.....	3 1/2 3 1/2 .41	
Framing in Peaks, Angle or [.....	7 1/2 3 3/8 .43		Tank Side Brackets, height above base line at toe of Frame and thickness	80 5/8 .43	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships IN WAY OF DEEPTANK	7/8 IN 7 DIAM. 7/8 IN 5 1/2 DIAM.		INNER BOTTOM PLATING.		
State if Frame Joggled	YES		Breadth and thickness of Middle Line Strake ...	51 1/8 .49 to .41	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAME ARRANGEMENT 3 WEB FRAMES AT EV. 3rd FR. 2 " " " 4th FR. WITH 2 PANTING STAINERS.		Thickness of remainder in Holds .....	.41 to .37	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	SOLID FLOORS AT EVERY FRAME. DOUBLE FRAMES - CENTRA FULL DEPTH INTERCOSTALS - 3 STRAINERS OF SHELL PLATING NEXT TO KEEL. MAINTAIN MIDSHIP THICKNESS TO COLLISION BULKHEAD.		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in B. & 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 Wells, Angle, E or [	7 1/2 3 3/8 .41	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, E or [	7 1/8 3 3/8 .39	
Middle Line Keelson, on Floors, Angles, [or [.....	✓		Spacing	AT EVERY FRAME	
" " Through Plate or Intercostal Plate,	✓		Second Deck, amidships, Angle, E or [.....	9 3 1/2 .51	
" " Foundation Plate on Floors	✓		Spacing	AT EVERY FRAME	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [or [.....	✓	
Side Keelsons, No. each side	✓		Spacing	✓	
" " thickness of Intercostal Plate...	✓		Fourth Deck, amidships, Angle, [or [.....	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, E or [.....	6 3/4 3 3/8 .35	
Solid Floors, thickness and spacing EVERY 3rd FR 84 .39			Spacing	AT EVERY FRAME	
" " Are Reversed Frame joggled?.....	YES		Bridge Deck, Angle, E or [.....	7 1/2 3 3/8 .37	
Bracket Floors, breadth and thickness at middle line	39 1/2 .39		AT SIDE OF MOTOR CASING 2	7 1/8 3 3/8 .39	
" " breadth and thickness at margin plate.....	37 1/2 .39		Spacing	AT EVERY FRAME	
			Forecastle Deck, Angle, E or [.....	7 1/2 3 3/8 .41	
			Spacing	AT EVERY FRAME	

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
	QUARTER	PILLARS & GIRDERS AS PER APPROVED PLAN.					
in 'tween Decks, Size and Spacing.....							
" " " " "							
in Holds " "							
" " " " "							
Centre Line Bulkhead.							
Stiffeners and Spacing.....							
Plating, thickness of							
STRINGERS AND DECKS.							
Uppermost Continuous Deck.							
Stringer Plate, breadth and thickness in Wells	59	83					
" " " " in way of Bridge	67	39					
" Angle in Wells	6	6	77				
Thickness of Plating abreast Deck openings in way of Wells		63					
Thickness of Plating abreast Deck openings in way of Bridge		35					
Thickness of Plating within line of openings.....		41					
If Sheathed, material and thickness		33					
Second Deck.							
Stringer Plate, breadth and thickness in Wells...	47	39					
Stringer Plate, breadth and thickness in way of Bridge							
Thickness of Plating abreast Deck openings in way of Wells							
Thickness of Plating abreast Deck openings in way of Bridge							
Thickness of Plating within line of openings.....							
If Sheathed, material and thickness							
Third Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness.....							
Fourth Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness							
Poop Deck.							
Stringer Plate, breadth and thickness	35 1/2	355					
Plating, Sheathing, material and thickness ...		33					
Bridge Deck.							
Stringer Plate, breadth and thickness.....	59	61	27	END 5			
Plating, Sheathing, material and thickness ...		55		41	27	E	
Forecastle Deck.							
Stringer Plate, breadth and thickness.....	35 1/2	355					
Plating, Sheathing, material and thickness ...		33					

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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.
FLAT PLATE KEEL	50	1.06	.87	.87		DOUBLE	1 1/8	4 1/2	FOUR	1 1/8	4 1/2	LAPPED	
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-	
BOTTOM PLATING, No. of Strakes FOUR.....	72 1/2	.61	.51	.47		DOUBLE	7/8	3 1/2	FOUR	7/8	3 1/2	LAPPED	
BILGE PLATING, No. of Strakes ONE.....	73 1/2	.61	.47	.47		„	7/8	3 1/2	FOUR	7/8	3 1/2	„	
SIDE PLATING, No. of Strakes FOUR.....	61	.61	.45	.45		„	7/8	3 1/2	THREE	7/8	3 1/8	„	
UPPER DECK, Sheer- strake in Wells.....	65	.77	.45	.45		„	7/8	3 1/2	FOUR	7/8	3 1/2	„	
UPPER DECK, Sheer- strake in Bridge ...	54	.61	-	-		„	7/8	3 1/2	THREE	7/8	3 1/8	„	
STRAKE BELOW Sheer- strake in Wells.....	65	.71	.45	.45		„	7/8	3 1/2	THREE	7/8	3 1/8	„	
STRAKE BELOW Sheer- strake in Bridge ...	54	.61	-	-		„	7/8	3 1/2	THREE	7/8	3 1/8	„	
POOP SIDE PLATING	-	-	.39	-		SINGLE	3/4	3	TWO	3/4	2 7/8	„	
BRIDGE SIDE PLATING ...	-	.63	-	-		DOUBLE	7/8	3 1/2	FOUR	7/8	3 1/2	„	
FOREC'TLE SIDE PLATING	-	-	.41	-		SINGLE	3/4	3	TWO	3/4	2 7/8	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c).....	7
" Deck next below <i>(one D.T. 112)</i> none	
As per Rule.....	7

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	-	-	-	-
STEM	FORGING	10 x 2.64	WITKOWITZ	<i>cuplar</i>
STERN FRAME { Propeller Post	CASTING	10 1/2 x 8 1/2	"	
{ Rudder "	"	9 x 8 1/2	"	
RUDDER—A x D.....		846.08		
Speed of Vessel.....		11.5 KNOTS		
RUDDER SHAFT		FORGED ANNEALD 12 5/8		
RUDDER mainpiece at head ...	CASTING	12 1/4 x 11	WITKOWITZ	
" " heel ...	CASTING	9 1/4 x 8 1/8		
" how constructed		LARGE FILLETS		
" double or single plate		SINGLE PLATE 1-10		
" coupling, vertical or horizontal.....		VERTICAL SCARFED		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	28 to 26	5 1/2 x 2 1/4 x 32	27	-	-
" " Second "	-	-	-	-	-
" " Third "	-	-	-	-	-
" " Holds	43 to 30	9 1/2 x 2 1/4 x 61	27	-	-
COLLISION " (in Hold)	3 1/2 to 31	8 x 3 x 34	22	ONE SENIOR BREN	CHAIN LOCKER BOTTOM
AFTER PEAK "	30 to 27	10 x 3 1/2 x 51	24	TUNNEL RECESS CROWN	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state name of manufacture)
	ÖSTERREICHISCHE ALPINE MONTAN GESELLSCHAFT DONAUWERTH WITKOWITZ BERGBAU UND EISENHÜTTEN - GEWERKSCHAFT IN WITKOWITZ
	Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. 3659												LETTER A +		ANCHORS.		
Number of Certificate.	Anchor.	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.				
272	1st Bower ...	75	1	16	Stock	Ans		56	10	-	-	✓ 68	Hall's Patent	Rhoda Works Ltd.	25 Jan 15.10.25	
271	2nd " ...	75	0	24		Ans		56	10	-	-	✓ 68	Ans	Ans	C. R. Hughes	
274	3rd " ...	63	2	14		Ans		50	8	-	-	✓ 58 1/2	Ans	Ans	Ans	
	Collective weight.	214	0	26	✓							194 1/2 ✓			P. Hill 10.10.25	
275	Stream	21	3	11	5	3	5	22	6	-	-	19	Admiralty	Rhoda Works Ltd	P. Hill 10.10.25	
THERE IS ALSO A HEAVY ANCHOR															C. R. Hughes	

THERE IS ALSO A HEDGE ANCHOR ON BOARD.

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.	Statutory. Break-ing.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Tons.	Length. Cir.
236	270 2 5/16	96 1/4	* 755.2-1	720 3/4	270 2 5/16	270 2 5/16	270 2 5/16	Steel cable	C.C. Barrell & Co	15.10.25 S. de Ballardis & P. Boni	TOWLINE	130 5 1/2	65	120 5 1/2
											HAWSERS & WARPS	2x90 8		2x90 8
											"	2x90 7		2x90 7

* BREAKING STRAIN APPLIED TO 3 LINKS REDUCED IN SIZE TO 1 1/16" : 88 5/10 TONS

Steering Gear, ~~Steam~~ ELECTRIC, ATLAS WERKE

Steering Gear, Hand ATLAS WERKE

2 LIFE BOATS 36'x8'x3'-3"
1 MOTOR CUTTER 19'x6'x2'-4"
Boats 1 9/9 15'x5'x2'-3"

Steering Chains, Size and Test TELE MOTOR GEAR

Windlass ELECTRIC, CLARKE, CHAPMAN & CO.

Ceiling in Holds, thickness and material 2 1/2" PINE

Cargo Battens, thickness, material and spacing 2" x 6", SPACING 9"

Cargo Hatchways.-(Upper Deck) HEIGHT 47" x THICKNESS .44 Thickness of Hatches 2 1/2"
BRIDGE DECK 24" .44 ON BRIDGE

Size of No. 1 Hatchway (Forward) 24'-9"x20'-0" No. 2 28'-0"x20'-0" No. 3 25'-8"x20'-0" No. 4 16'-3"x20'-0" No. 5 25'-8"x20'-0" No. 6 25'-8"x20'-0"

Number of Shifting Beams and/or Fore and Afters FOUR FIVE FOUR TWO FOUR FOUR
FORE & AFTERS : NONE

CANTIERE SAN ROCCO S. A.

Builder's Signature *Mella*

GENERAL DECLARATION This vessel has been built in accordance with the Rules and the accompanying approved plans:

- 1) Midship Section
- 2) Profile, Pillars & Girders
- 3) Keels and Tanktop
- 4) Construction forward
- 5) Construction aft
- 6) Watertight Bulkheads
- 7) Stem (+ one extra copy)
- 8) Superframe & Rudder (+ one extra copy)
- 9) Outline of Rudder
- 10) Keel tank Bulkheads
- 11) Keel tank for Watertightness (+ one extra copy)
- 12) Motor casing
- 13) Strengthening in Motor Space
- 14) Main Motor Sealings (+ one extra copy)

The material has been tested as required by the Rules and the workmanship is good. The freeboard has been verified and the freeboard marks cut in on the vessel's sides. The double bottom and the other tanks, the weather decks, bulkheads & tunnel, have been tested as per Rule with satisfactory results. Oil fuel F.P. above 150°F is carried in the

P.T.O.

The amount of Entry Fee £116.2.-
Special Survey Fee.... £43.666.-
Travelling Expenses, if any £200.-

Fees applied for,
Dec 4 1926
Received by me,
10/1/27

I am of opinion the Vessel should be Classed + 100 A 1

State whether the Vessel has been built under Special Survey *yes*
Certificate to be sent to *Trieste* Date of issue *10/12/26*

Signature *G Majcen*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 10 DEC 1926

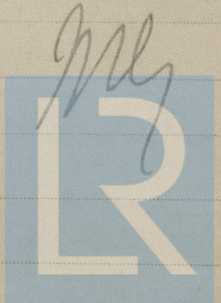
Character assigned 100 A.1.

Lloyds A+C.P

+ L.M.C. 11.26 C.L.
Oil Engines

TUES. 18 JAN 1927

FRI. 18 FEB 1927



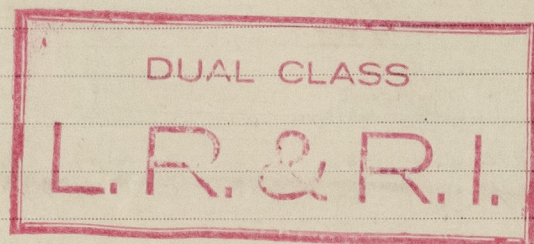
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02422

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 the Plans should be embodied.)

double bottom and the requirements of sections 35 of the Rules, where applicable, have been complied with.

3 Certificates of test of forgings & castings are enclosed.



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

1st Bower	HEAD	48-1-24	CRH	635	15-10-25	SHANK	22-0-3	CRH	631	1
2nd "	HEAD	48-1-2	CRH	637	15-10-25	SHANK	22-0-7	CRH	640	13
3rd "	HEAD	43-3-17	CRH	641	10-10-25	SHANK	19-2-25	CRH	642	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.6 ft., R.Q.D. ✓ ft., Bridge 279.2 ft., Fore (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 DHS (57L)

FLAT HEEL 7 BHD^S DEEP FRAMING ELEC. LIGHT WIRELESS LLOYD'S A & C P

Official No. ; Signal Letters

Is bottom of Vessel coated with cement WATER

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	OIL CAPACITY	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	OIL CAPACITY	*Length. Feet.
Double bottom, aft,	303.6	132.8	412.2	Fore peak tank,		
Double bottom, under Engines and Boilers,				After peak tank,		
Double bottom, if under Engines ^{NOTES} only,	185.2	53.6	214.4	Deep tank, aft,		
Double bottom, if under Boilers only,				Deep tank, forward,		
Double bottom, forward,	137.4	181.5	619.8	Other tanks, if fitted,		
Total capacity of double bottom			1246.4	(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. 122

Date

22nd Jan. 1925

Dates of Surveys held while building

1925 Mar 13, 25, Apr 17, 27, May 7, 22, June 18, 24, July 21, 24, 28, Aug 10, 10, 11, 21, 21, 24, Oct 2, 2, 12, 15, 20, 22, 27, 29, 30, 31, Nov 9, 14, 16, 17, 23, 27, 30, Dec 4, 14, 16, 23, 28, 1924 Jan 4, 5, 23, Mar 2, 17, 18, 20, 22, Apr 7, 8, 14, 19, 20, 23, 27, May 15, July 7, 22, Sep 2, 8, 24, 30, 30, Oct 6, 8, 13

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Total No. of Vis