

STEEL STEAMER or MOTORSHIP.

7 JUN 1927

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *Yes No 7506*State if Report is sent on the Machinery of the Vessel *Yes, Licensed*

Date of completion of report

May 20th, 1927

Port of

Trieste

No.

7546

Survey held at

Trieste

Date First Survey

21st Sept. 1925

Last Survey

*14th May**1927*

On the

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

Steel Screw Motor Vessel. Single Screw RIALTO

State Type

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

Complete Superstructure with tonnage opening

State Type of Erections

Flush deck

TONNAGE under Tonnage Deck

*5790.99*CLASS *+100A-1*

State if with freeboard as condition of Class

Yes

Built at

Trieste

Launched

21/12/26

Yard No.

751

Builders

Stab. Leenew Trieste

Owners

Nav. Libera Triestina. S.A.

Managers

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

Residence

Trieste

Port of Registry

Venice

If surveyed while building, afloat, or in dry dock

Building afloat and in dry dock

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

Total

Tonnage *7098*Tonnage *4498*

TERED DIMENSIONS.

FEET.

*136.47 430.83**16.91 55.46**8.33 27.68*

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

L *430*

Breadth (greatest moulded)

B *55.25*

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

D *38.208*1st Longitudinal Number (L x D) = *16429*2nd Numeral L x (B + D) = *40187*

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

16.58

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

11.28

Do. Long Bridge to top of keel

✓

Draught Moulded

25.96

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.
Spacing amidships	28		Bracket Floors, Frame	9 3 1/2 55	35661 floor
from 1/2 length to Collision bulkhead	27		Reversed Frame	9 3 41	between m.s. & 76L
in peaks	24		Vertical Struts	9 3 41	for stiffening
IN DEEP TANK	10 1/2 3 1/2 3 1/2 41		Centre Girder, depth and thickness amidships	43 1/2 53	with 2 inter. angle
Amidships, Angle E or F	9 7/8 3 1/2 47		top Angles	3 1/2 3 1/2 51	plate 130 x 90 x 14
Extends up to	3rd deck		bottom Angles	4 4 59	3/2 frames 41
Reversed Frame Amidships, Angle	—		Side Girders, No. each side and thickness	one 39	mould 8.55
Extends up to	—		Margin Plate depth (excl. of flange) and thickness	39 1/8 51	
of Framing Girder	10 1/2 9 7/8		Vertical Angle to Tank side	3 1/2 3 1/2 41	
from 1/2 L to coll. bulkhead	5 7/8 2 3/4 39	(dupl. plan)	Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 41	
in Uppermost Continuous 'tween Decks, Angle E or F	7 7/8 3 3/8 43		Vertical Angle to Tank side	5 1/8 5 1/8 51	
Second 'tween Decks, Angle E or F	7 7/8 3 3/8 43		Bracket forward 1/2 len. from stem	5 1/8 5 1/8 51	
Third	✓		Gussets, spacing and scantling abaft 1/2 len. from stem	5 1/8 5 1/8 51	
ing in Peaks, Angle E or F	7 1/2 3 3/8 43		Gussets, spacing and scantling forward 1/2 len. from stem	5 1/8 5 1/8 43	
IN DEEP TANK, peaks, from 1/2 L to coll. bulkhead	5 1/2 dia		Tank Side Brackets, height above base line at toe of Frame and thickness	80 5/16 43	
meter and Spacing of Rivets through Shell Plating	7/8 7 dia		INNER BOTTOM PLATING.		
if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	5 1/8 49 6 41	
NG ARRANGEMENTS (Sec. 7), state system and particulars	web frame + stringer		Thickness of remainder in Holds	41 6 37	
NGTHENING OF BOTTOM FOR	extra girder solid floor		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. space and framing in Bankers and Boiler Room?	Yes	
ARD. State Particulars	moulded thickness of shell plating		BEAMS.		
E BOTTOM.	double frames		Uppermost Continuous Deck, amidships	7 7/8 3 5/16 39	forward 8 3/2
rs, Depth and thickness at mid-line in Holds	✓		in Walls, Angle E or F	7 1/2 3 5/16 39	666 log under
Height of Brackets at side above base line at toe of frame	✓		Remainder in way of Bridge, Angle E or F	7 1/2 3 5/16 39	at every frame
le Line Keelson, on Floors, Angles, E or F	✓		Spacing	every	
Through Plate or Intercostal Plate	✓		Second Deck, amidships, Angle E or F	7 7/8 3 5/16 39	Ditto
Foundation Plate on Floors	✓		Spacing	every	
Flat Plate Keel Angles	✓		Third Deck, amidships, Angle E or F	7 1/2 3 5/16 39	Ditto
Keelsons, No. each side	✓		Spacing	every	
thickness of Intercostal Plate	✓		Fourth Deck, amidships, Angle E or F	✓	
Angles	✓		Spacing	✓	
BLE BOTTOM.			Poop Deck, Angle E or F	✓	
id Floors, thickness and spacing	39 every 3 5/8		Spacing	✓	
Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle E or F	✓	
Spacing	✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	43 1/4 39		Forecastle Deck, Angle E or F	✓	
breadth and thickness at margin plate	41 3/8 39		Spacing	✓	

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.....	<i>two</i>		Stringer Plate, breadth and thickness in way of Bridge		
„ in 'tween Decks, Size and Spacing.....	<i>wide spaced</i>		Thickness of Plating abreast Deck openings in way of Wells <i>amid ends within line</i>	<i>.35 - .31</i>	
„ „ „ „ „	<i>pull on t-garden as approved</i>		Thickness of Plating abreast Deck openings in way of Bridge	<i>33</i>	
„ in Holds „ „	<i>wide spaced pull on t-garden as approved</i>		If Sheathed, material and thickness	<i>in accorm</i>	
„ „ „ „ „			Third Deck.		
Centre Line Bulkhead.			Stringer Plate, breadth and thickness.....	<i>60 x 37 to 36 x 33</i>	
Stiffeners and Spacing.....	<i>plating 1/2 inch 6 1/8 x 3 1/2 every 5' 6 1/8 x 3 1/2 " 5' 6"</i>		Plated , state thickness.....	<i>dupl</i> <i>.37 - .29</i>	
Plating, thickness of	<i>39 6 x 36</i>		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....	<i>-</i>	
Uppermost Continuous Deck.	<i>amid</i>		If Plated, state thickness	<i>-</i>	
Stringer Plate, breadth and thickness in Wells	<i>59 x 67</i>		Poop Deck.		
„ „ „ „ in way of Bridge	<i>-</i>		Stringer Plate, breadth and thickness	<i>✓</i>	
„ Angle in Wells <i>amid</i>	<i>5/8 5/8 67</i>		Plating, Sheathing, material and thickness ...	<i>✓</i>	
Thickness of Plating abreast Deck openings in way of Wells <i>amid ends within line of</i>	<i>.51 6 35</i>		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge <i>amid</i>	<i>.44</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
If Sheathed, material and thickness	<i>over accorm³</i>		Plating, Sheathing, material and thickness ...	<i>✓</i>	
Second Deck.	<i>amid</i>		Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	<i>67 x 39</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
			Plating, Sheathing, material and thickness ...	<i>✓</i>	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c) <u>one</u>		KEEL, Bar				
Deck next below <u>six</u>		STEM		<u>top sole</u>	<u>forgot cast</u>	<u>10 x 2 7/8</u> <u>Witkowitz</u>
As per Rule <u>six to 2nd Dth</u> <u>Coll BA to upper Dth</u>		STERN FRAME		Propeller Post	<u>cast steel</u>	<u>8 1/2 x 10 1/2</u> <u>Witkowitz</u>
				Rudder	<u>"</u>	<u>8 1/2 x 9</u> <u>"</u>
		RUDDER—A x D		<u>798</u>		
		Speed of Vessel		<u>10 K</u>		
		RUDDER mainpiece at head		<u>cast steel</u>	<u>12 7/16</u>	<u>Witkowitz</u>
				heel	<u>"</u>	<u>9 1/4 x 7 7/8</u>
				how constructed	<u>large fillets</u>	
				double or single plate	<u>single</u>	
				coupling, vertical or horizontal	<u>vertical</u>	
		STEEL.				
		Manufacturer's name or trade mark of the Steel used in the construction of the				
		Vessel (state process of manufacture) <u>open heart steel</u>				
		<u>Witkowitz, Donawick,</u>				
		Has the Steel been tested as required by the Rules? <u>Yes</u>				

EQUIPMENT No. 40677												LETTER B ⁺		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.			
283	1st Bower ...	73	3	27	stockless			55	15	-	-	72 1/2	Halls patent	Skoda Ltd	Plam 18/2/26 Hughes
282	2nd " ...	73	2	19	"			55	15	-	-	72 1/2	"	"	" 18/2/26 "
288	3rd " ...	63	3	16	"			50	10	-	-	62	"	"	" 25/2/26 "
	Collective weight.	211	2	6								207			
295	Stream	21	3	19	5	3	22	22	8	-	-	20 1/2	Admiralty	"	" 25/2/26 Hughes

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- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
307	300	2 1/16	10 1/10	10 2/10	908-2-27	844 1/4	300	2 1/16	Steel	Bondi H ^{co}	Leghorn 14/11/26 Thomson & Goss	TOWLINE ...	131	5 1/2	73 1/2	130	5 1/2
Iron Stream Chain or Steel Wire	120	5	69				120	5					HAWSERS & WARPS }	102	8	100	8
													"	102	8	100	8
													"	102	8	100	8
													"	102	8	100	8

Steering Gear, Steam
Electric efficient
Steering Gear, Hand
efficient

Boats
2 lifeboats. 2 open boats
Steering Chains, Size and Test
geared direct
Windlass
efficient

Ceiling in Holds, thickness and material
2 1/2 N.P.
Cargo Battens, thickness, material and spacing
2 N.P. 9"

Cargo Hatchways.—(Upper Deck)
29' x 43
Thickness of Hatches
2 1/2

Size of No. 1 Hatchway (Forward)
24' 9" x 20
No. 2
25' 7" x 20
No. 3
25' 7" x 20
No. 4
16' 4" x 20
No. 5
25' 7" x 20
No. 6
25' 7" x 20

Number of Shifting Beams and/or Fore and Afters
4 ; 4 ; 4 ; 3 ; 5 ; 6

Stabilimento Tecnico Triestino
Builder's Signature
[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, bulkheads and tunnel have been hose tested with satisfactory results
The requirements of Sect 35 of the Rules where applicable have been complied with

The amount of Entry Fee Liri : 1080.-
Special Survey Fee..... Liri 40.767.-
Travelling Expenses, if any Liri 46.7.-
Circular Survey Fee 1235.-
Consular Fee 463.05
Fees applied for, 4/6/1927
Received by me, 24/10/1927
I am of opinion the Vessel should be Classed 100A-1. WITH FREEBOARD
State whether the Vessel has been built under Special Survey Yes
Signature Wm Balfour
Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to Trieste Office
Date of issue 9/6/27

Committee's Minute
WED. 8 JUN 1927
Character assigned
100 A-1 With Freeboard
Lloyd's A.C.P.
Oil Engines 5:24
Miss Gls

TUES. 26 JUL 1927
FRI. 11 NOV 1927

Lloyd's Register Foundation
© 2020

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.)

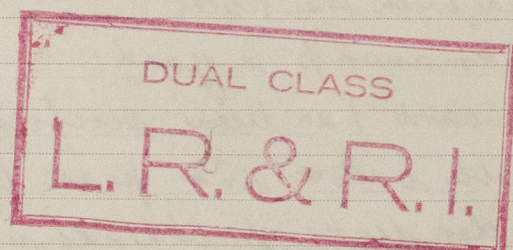
Sister Vessels S.T.T. N^o 745 Ineste Rpt 7074 'Zella'
S.T.T. N^o 746 - - 7119 'Bellina'
S.T.T. N^o 750 - - 7444 'Zeltre'

The approved plans were forwarded with the report on the sister vessel 'Zeltre' and retained in London

3 Certificates of tests of forgings and/or castings are enclosed

The following additional plans are forwarded

- (1) Detail of main motor seating
- (2) Detail plan of aux^y sealings
- (3) Modified arrangement of bulkheads for refrigerated spaces
- (4) Doubling on main line stroke.



Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Head	46.2.17	C.R.H.	669	12.1.26	Shank	22.1.26	C.R.H.	671	4.12.26
	2nd "		46.1.23	C.R.A.	670	12.1.26		22.1.17	C.R.H.	672	4.12.26
	3rd "		41.1.12	C.R.H.	673	12.1.26		18.1.13	C.R.H.	674	4.12.26

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 and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 dks (steel) and shelter dk (steel)

Official No. ; Signal Letters If bottom of Vessel has been coated Inside Belges only
particulars of composition cement.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water
Double bottom, aft,	135	423	Fore peak tank,	22	1
Double bottom, under Engines and Boilers,	-	-	After peak tank,	12	1
Double bottom, if under Engines only,	16.3	18.8	Deep tank, aft,	42	98
Double bottom, if under Boilers only,	226	803.5	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		1245.3	(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. 125

Date 22nd January 1925

Dates of Surveys held while building

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

Total No. of Visits