

STEEL STEAMER or MOTORSHIP.

Received at London Office JAN 1929

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Survey held at

Date First Survey

Port of

No.

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

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

State Type of Erections

TONNAGE under Tonnage Deck...

CLASS

State if with freeboard as condition of Class

Built at

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 599.0

Breadth (greatest moulded)

B 79.5

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

D 55.0

1st Longitudinal Number (L x D)

46.5

2nd Numeral L x (B + D)

✓

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

✓

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

✓

Do. Long Bridge to top of keel

✓

Draught Moulded

28' 10 1/2"

Launched 19. Dec. 1926 Yard No. 161

Builders Cantieri Navale Triestino

Owners "Cosulich" Soc. Tri. di Nav.

Managers

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

Residence Trieste

Port of Registry Trieste

If surveyed while building, afloat, or in dry dock

While building.

REGISTERED DIMENSIONS.

METRES. BY METHOD	FEET.
192.45	631.4
24.31	79.8
7.43	24.4

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	920		Bracket Floors, Frame	250 90 16.5	10 1/2 x 3 x 50
" " from 1/2 length to Collision bulkhead	685		" " Reversed Frame	250 90 13	
" " in peaks	610		" " Vertical Struts	250 90 13	
DE FRAMING.			Centre Girder, depth and thickness amidships	1320 17.5	FORWARD OF FRAME NO 109 DOCK KEEL AS PER APPROVED PLAN
Frame Amidships, Angle	230 90 13		" " top Angles	100 100 18	
" " Extends up to	D + E deck all		" " bottom Angles	150 130 22	
Reversed Frame Amidships, Angle	140 90 10		Side Girders, No. each side and thickness	THREE 14	
" " Extends up to	G deck.		Margin Plate depth (excl. of flange) and thickness	1200 17	
Depth of Framing Girder	255		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	150 150 16	
Frames in Uppermost Continuous 'tween Decks, Angle	230 90 13	alt. angle	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	150 150 16	
" " Second 'tween Decks, Angle	230 90 13		" " Gussets, spacing and scantling abaft 1/2 len. from stem	EVERY 12.5	
" " Third " " " "	230 90 13		" " Gussets, spacing and scantling forward 1/2 len. from stem	EVERY 12.5	
Framing in Peaks, Angle	230 90 12		Tank Side Brackets, height above base line at toe of Frame and thickness	2120 13	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	25 C 140		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	1700 16.5	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAMES SPACED 3-4 SPACES APART AND SIDE STRINGER AS PER APPROVED PLAN. SOLID FLOORS AT EVERY FRAME DOUBLE RIVETED FRAMES, ONE EXTRA HALF DEPTH INTERCOSTAL. THREE STRAKES OF PLATING EXTENDED OF MIDSHIP THICKNESS TO COLL. END.		Thickness of remainder in Holds	14.5	
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in B, C, D, space and framing in Bunkers and Boiler Room?	YES	
DOUBLE BOTTOM.			BEAMS.		
Uppermost Continuous Deck, amidships	230 90 14		" " in Wells, Angle	✓	
" " in way of Bridge, Angle	✓		" " C or [
" " Spacing	every		" " D		
Second Deck, amidships, Angle	230 90 14		" " Second Deck, amidships, Angle	230 90 14	
" " Spacing	EVERY		" " Spacing	EVERY	
" " E			" " Third Deck, amidships, Angle	230 90 14	
" " Third Deck, amidships, Angle	230 90 14		" " Spacing	EVERY	
" " Spacing	EVERY		" " F		
" " Fourth Deck, amidships, Angle	230 90 14		" " Fourth Deck, amidships, Angle	230 90 14	
" " Spacing	EVERY		" " Spacing	EVERY	
" " G			" " Peep Deck, Angle	230 90 14	
" " Peep Deck, Angle	230 90 14		" " Spacing	EVERY	
" " Spacing	EVERY		" " B		
" " Bridge Deck, Angle	230 90 14		" " Bridge Deck, Angle	230 90 14	
" " Spacing	EVERY		" " Spacing	EVERY	
Forecastle Deck, Angle	✓		Forecastle Deck, Angle	✓	
" " Spacing	✓		" " 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.....	FOUR				Stringer Plate, breadth and thickness in way of Bridge	1590	10	N.T.	1450 * 12
„ in 'tween Decks, Size and Spacing.....	AS PER APPROVED PLANS.				Thickness of Plating abreast Deck openings in way of Wells CLEAR OF BRIDGE.....	10.5			
„ „ „ „ „				Thickness of Plating abreast Deck openings in way of Bridge	N.T.	9			
„ in Holds „ „				Thickness of Plating within line of openings... IN WAY OF BRIDGE	N.T.	8.5			
„ „ „ „ „				If Sheathed, material and thickness	TEAROID	1 1/4"			
Centre Line Bulkhead.					Third Deck. "E"				
Stiffeners and Spacing.....		✓			Stringer Plate, breadth and thickness.....	1615	10		1450 * 10
Plating, thickness of		✓			If Plated, state thickness.....	8			
STRINGERS AND DECKS. "C"					Fourth Deck. "F"				
Uppermost Continuous Deck. "C"					Stringer Plate, breadth and thickness.....	1615	10		
Stringer Plate, breadth and thickness in Wells CLEAR OF BRIDGE.....	1466	17	N.T.		If Plated, state thickness	8			
„ „ „ „ in way of Bridge	1466	12	N.T.		FIFTH DECK. "G"				
„ Angle in Wells CLEAR OF BRIDGE.....	160	160	20		Stringer Plate, breadth and thickness	1615	10		
Thickness of Plating abreast Deck openings in way of Wells CLEAR OF BRIDGE.....	14				Plating, Sheathing, material and thickness ...	8			
Thickness of Plating abreast Deck openings in way of Bridge	11		N.T.		Bridge Deck. "B"				
Thickness of Plating within line of openings... IN WAY OF BRIDGE.	9		N.T.		Stringer Plate, breadth and thickness.....	2195	16	N.T.	
If Sheathed, material and thickness	OREGON PINE 3"				Plating, Sheathing, material and thickness ...	12	2 1/2"	N.T.	O.FINE
INSIDE ACCOMMODATION	TEAROID 1 1/4"				Forecastle Deck.				
Second Deck. "D"					Stringer Plate, breadth and thickness				
Stringer Plate, breadth and thickness in Wells.....	1450	11.5			Plating, Sheathing, material and thickness ...				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATERTIGHT BULKHEADS.						Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Total No. of W.T. BULKHEADS in Vessel— <u>TEN</u>									
Extending to <u>"D"</u> Deck (Sec. 3 c) <u>SEVEN; TO "C" DECK ONE;</u>									
TO "E" Deck <u>next below TWO</u>									
As per Rule <u>NINE.</u>									
		Plating Thickness.	STIFFENERS.						
			VERTICAL.		HORIZONTAL.				
			Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKHEAD, Upper tween decks		7	7	7					
		6.5	12x6 1/2	70	—	—			
"	" Second "	8	130x7x8	70	—	—			
"	" Third "	8.5	12x8.5x8.5	70	—	—			
"	" Holds	12-95	30x10x12	70	—	—			
COLLISION									
	" (in Hold)	12.5-14.5	30x10x12	60	—	—			
AFTER PEAK									
	"	12.5-14	170x35x10	60	—	—			
KEEL, Bar						BAR FORGING	280x85	STEADMAN LTD.	
STEM						RAIL FOOT CASTING			
STERN FRAME {						BRACKET			
						Propeller Post	CASTING	"	
						Rudder post	CASTING	"	
RUDDER—A x D						BALANCED	RUDDER		
Speed of Vessel						18 1/2			
RUDDER mainpiece at head ...						CAST	530	"	
" " heel ...						"	330	"	
" how constructed						BUILT UP			
" double or single plate						SINGLE	30		
" 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) OPEN HEARTH PROCESS.
Willowitzs, Borslan - Lombschetter for. Ostroviishere Alpeni Mountain for.
H.T. = Special quality steel manufactured by Mr. Willowitzs Borslan for and specially tested
 Has the Steel been tested as required by the Rules? Yes.

Equipment already fitted in accordance with Letter No. 24.

EQUIPMENT No. 83233												LETTER 24		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.			
321	1st Bower ...	148	3	21	—	—	—	81	7	0	0	132	Hall's Patent	Made under license	Recd. 25/12/26 C.R. Hughes
322	2nd „ ...	140	1	1	—	—	—	81	7	0	0	132	“	“	“ “
320	3rd „ ...	139	8	7	—	—	—	81	0	0	0	112	“	“	“ “
	Collective weight.	427	12	1								376			
323	Stream	43	2	21	11	0	24	58	9	0	0	40 3/4	Admiralty	“	“ 3/6/26 “

CHAIN CABLES.													HAWERS 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.	Breaking.	Supplied.		Per Rule.		Length.	Diam.					Length.	Diam.		Length.	Diam.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
245	336	3 1/4	16 1/2	260	1894.3: 8			1701					Portsmouth 7/5/97		140	7 1/2	128	140	7 1/2
	(+ Breaking test in excess of Rule requirements at owners request. See Sec letter 12. 2. 26)																		
														TOWLINE...					
														HAWERS & WARPS	3x120	2 3/4	15 1/2	3x120	2 3/4

Steering Gear, Steam *Hydra-electric. Brown Bros. & Co. Ltd.* *2 independent units* Steering Gear, Hand *✓*

Boats *29 lifeboats, 2 motor boats, 1 jolly boat.* Steering Chains, Size and Test *Telemotor.* Windlass *Clarke Chapman.*

Ceiling in Holds, thickness and material *652 White pine* Cargo Battens, thickness, material and spacing *150x50 spaced close 230' apart.*

Cargo Hatchways. (Upper Deck) *Cosmopolitan 840x112* Thickness of Hatches *752.*

Size of No. 1 Hatchway (Forward) *4791x4880* No. 2 *5500x4880* No. 3 *4600x4880* No. 4 *5520x4880* No. 5 *4600x4880* No. 6 *3680x3660*

Number of Shifting Beams *and for Fore and Afters. Two to each hatch.*

Builder's Signature

CANTIERE NAVALE TRIESTINO

R. Pungello

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the Rules and the approved plans.

The quality of the workmanship and the materials is good. Structurally the vessel is identical to the sister ship "Saturnia" with the following addition: (a) "B" deck has been extended off. (b) a platform deck has been fitted in No. 4 hold.

Oil fuel having flash point above 150°F is carried in specially constructed tanks abeam the main motor space and forward of the auxiliary motor space also in double bottom tanks Nos 2, 3 & 4.

All double bottom tanks, peak tanks, F.W. tanks, O.F. tanks, have been tested or repaired by the Rules. The upper decks, waterways, bulkheads, transoms, watertight doors and boat davits have been tested.

The foreboard crossbeams have been cut in the vessel's sides and verified.

The 58 plans forwarded together with the F.E. Rep. on the T.S.S. "Saturnia" and returned.

The amount of Entry Fee *Lis* : 1200. — Fees applied for, *to be combined*

Special Survey Fee *Lis* : 62.462. — *not ready*

Travelling Expenses, if any *Lis* : 5686. — Received by me, *14/3/29*

1 Holiday + 1 Sunday fee 580. —

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

"with foreboard"

State whether the Vessel has been built under Special Survey *Yes*

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *H.M. The Office*

Date of issue

14/1/29

Committee's Minute

TUE. 8 JAN 1929

Character assigned

+ 100 A 1 With Foreboard

Lloyd's A & C P

+ L.M.C. 12-28 Oil Engines

20 B 100 lb.

The Surveyors are requested not to write on or below the Committee's Minute.



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Lloyd's Register Foundation

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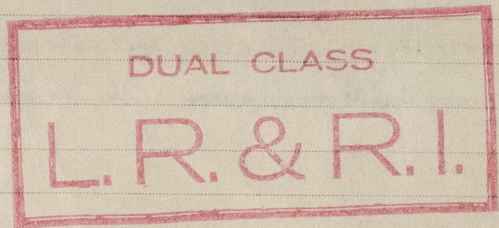
GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

to this effect are now re-transmitted together with the following additional plans:

- 1) Extension of "B" deck.
- 2) Platform deck in 104 hold.
- 3) Revised scheme of DB compartments in Main & Ann. hold spaces.
- 4) Gangway doors (6 plans).
- 5) Details of construction of "A" deck beams to deck above.
- 6) Shell in way of II d. Main and Smoking Room.
- 7) Cancelled plan of midship section.
- 8) Cancelled plan of profile.

NB! The midship section showing vessel as built, being identical to that of the ^{retained in London} ~~submitted~~ is not forwarded again.

7 forging and casting reports are also enclosed.



Ind. Bore,
Bridge Str. Deck
Weather D. Str. Deck in Bridge
deck below weather in way of "
2 Space shell broke at breaks.
Bridge side.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	HEAD	85:2:23	CRH.	728	15.4.26	SHANK.	45:0:15	CRH.	732	15.4.26
	2nd "	"	85:2:6	CRH	728	15.4.26	"	40:2:12	"	730	15.4.26
	3rd "	"	85:1:27	CRH	727	15.4.26	"	44:1:5	"	731	15.4.26

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{lower} ft., R.Q.D. ^{upper} ft., Bridge ^{445.5} ft., Forecastle ⁵⁸ 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) 4 DKS (SHL) + Smoke DK (SHL - WS) 5th DK (DL) in 104 hold.
Official No. : Signal Letters Is bottom of Vessel coated with cement ^{ONLY WHERE WATER CARRIED} if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	144.8	451	MOTOR SPACE Engines and Boilers	Fore peak tank,	31.1	161	IN 104 HOLD
Double bottom, under	114.7	831		After peak tank,	33.8	161	
Double bottom, if under Engines only,	✓	✓		Deep tank, aft,			
Double bottom, if under Boilers only,	✓	✓		Deep tank, forward,	25	206	
Double bottom, forward,	233.7	853		Other tanks, if fitted, TANKS BETWEEN TUNNELS.		581	
	Total capacity of double bottom	2135		(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. 121

Date 10/12/1924.

Dates of Surveys held while building

1924 Nov 18, Dec 10, 1925 Mar 5, 23, Apr 7, Dec 9, 1926 Feb 5, 12, 19, 22, 25, 25, Mar 18, Apr 12, 20, May 11, 14, 20, June 3, 12, 22, Sep 1, 23, 24, 27, Oct 1, 11, 11, 26, 30, Nov 11, 23, 24, 24, 27, 30, Dec 3, 6, 7, 9, 13, 14, 14, 15, 15, 16, 16, 17, 19, 19, 27, Jan 5, 7, 21, Feb 14, 7, 10, 16, 25, Mar 4, 11, 17, 22, 23, 25, 29, 31, Apr 6, 11, 14, 20, 25, 29, May 4, 16, 25, 25, 27, 30, 30, June 3, 7, 13, 18, 20, 21, Jul 7, 8, 21, 25, 29, Aug 15, Sep 6, 15, Oct 4, 7, 19, Nov 2, 18, Dec 9, 22, 1928 Jan 9, 14, Feb 21, Mar 2, 2, May 3, Jul 2, 27, Aug 4, 27, Sep 5, 7, 17, 19, 24, 24, 26, 28, Oct 3, 8, 16, 17, 18, 19, 22, 23, 25, 30, 31, Nov 1, 14, 25, 30, Dec 12,

Total No. of Visits 136

For S.O.F. please see F.E. "Sahurica" Tri Rpt 7756