

STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *NO*State if Report is sent on the Machinery of the Vessel *YES*Date of completion of report *27th October 1947* Port of *Trieste* No. *13112*Survey held at *Trieste* Date First Survey *21-1-1947* Last Survey *24-10-1947* 1947On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *single screw S.S. "DIANA"* Machinery *amidsips*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *complete superstructure without tonnage openings* State Type of Erections *forecastle*TONNAGE under Tonnage Deck ... *2861* CLASS *100 A 1* State if with freeboard as condition of Class *YES* Built at *Palermo* in *1923*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 90.30* Launched *✓* Yard No. *✓ 83*Total *2861* Breadth (greatest moulded) *B 13.50* Builders *Cantieri Riuniti - Palermo*Gross Tonnage *3324* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 6.69* Owners *Adriatica Società Anonima*Register Tonnage *1994* 1st Longitudinal Number (L x D) *596 8720* Managers *Si Navigazione - Venice*REGISTERED DIMENSIONS. Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓* Residence *✓*Length *90.49* Proportions—Depth to Length—Uppermost continuous deck to top of keel *✓ 10* Port of Registry *Venice*Breadth *13.55* Do. Long Bridge to top of keel *✓* If surveyed while building, afloat, or in dry dockDepth *8.33* Draught Moulded *6.38* in dry dock and afloat

FRAMES, DOUBLE BOTTOM AND BEAMS.

	W/M IN SHIP.	Any Departure from Approved Plans to be Noted.	W/M IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	<i>610 ✓</i>		Bracket Floors, Frame <i>L</i>	<i>165 75 10.5 in way of boilers ✓</i>
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....	<i>610 ✓</i>		" " Reversed Frame <i>L</i>	<i>150 75 8.5 outside boilers ✓</i>
" " in peaks.....	<i>610 ✓</i>		" " Vertical Struts <i>L</i>	<i>150 75 8.5 ✓</i>
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>920 13 ✓ in boiler room</i>
Frame Amidships, Angle, <i>E</i> or <i>L</i>	<i>230 90 14.5 ✓ (bulwark beam)</i>		" " top Angles <i>L</i>	<i>80 80 12 ✓ Do.</i>
" " Extends up to.....	<i>2nd 542 ✓</i>		" " bottom Angles <i>L</i>	<i>110 110 13 ✓</i>
Reversed Frame Amidships, Angle.....	<i>✓</i>		Side Girders, No. each side and thickness.....	<i>one { 11 in B.R. ✓ 9.5 " E.R. ✓</i>
" " Extends up to.....	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness.....	<i>840 { 9.5 outside B.&E.R. ✓ 13 in B.R. ✓ 11 " E.R. ✓</i>
Depth of Framing Girder.....	<i>230 ✓</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem.....	<i>75 75 9.5 ✓</i>
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>L</i>	<i>150 90 10 amidship ✓ 230 90 13 in holds ✓ " 2-3-4</i>		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area.....	<i>75 75 9.5 ✓</i>
" " Second 'tween Decks, Angle, <i>L</i> or <i>E</i>	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	<i>every 3rd 10.5 ✓</i>
" " Third.....	<i>✓</i>		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....	<i>continuous 10.5 ✓</i>
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem.....	<i>180 80 10.5 ✓</i>		Tank Side Brackets, height above base line at toe of Frame and thickness.....	<i>1500 9.5 ✓ 13 in B.R. ✓</i>
" " in Peaks, Angle, <i>E</i> or <i>L</i>	<i>165 76 10.5 ✓ 150 75 9.5 ✓</i>		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	<i>22 155 ✓</i>		Breadth and thickness of Middle Line Strake.....	<i>1200 11 ÷ 9 outside B.R. ✓</i>
State if Frame Joggled.....	<i>yes ✓</i>		Thickness of remainder in Holds.....	<i>9 ÷ 8 ✓</i>
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	<i>as approved ✓</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>yes ✓</i>
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	<i>as approved ✓</i>		BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships <i>W</i>	<i>180 75 10 ✓</i>
Floors, Depth and thickness at mid-line in Holds.....	<i>✓</i>		" " Wells, Angle, <i>E</i> or <i>L</i>	<i>✓</i>
Height of Brackets at side above base line at toe of frame.....	<i>✓</i>		" " in way of Bridge, Angle, <i>E</i> or <i>L</i>	<i>✓</i>
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>L</i>	<i>✓</i>		" " Spacing.....	<i>every frame ✓</i>
" " Through Plate or Inter-costal Plate.....	<i>✓</i>		Second Deck, amidships, Angle, <i>E</i> or <i>L</i>	<i>{ 215 75 11.5 ✓ 165 76 10.5 (1/2 beam) ✓</i>
" " Foundation Plate on Floors.....	<i>✓</i>		" " Spacing.....	<i>every frame ✓</i>
" " Flat Plate Keel Angles.....	<i>✓</i>		Third Deck, amidships, Angle, <i>E</i> or <i>L</i>	<i>✓</i>
Side Keelsons, No. each side.....	<i>✓</i>		" " Spacing.....	<i>✓</i>
" " thickness of Inter-costal Plate.....	<i>✓</i>		Fourth Deck, amidships, Angle, <i>E</i> or <i>L</i>	<i>✓</i>
" " Angles.....	<i>✓</i>		" " Spacing.....	<i>✓</i>
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E</i> or <i>L</i>	<i>✓</i>
Solid Floors, thickness and spacing.....	<i>in B.R. 13 every 3rd ✓ in E.R. 11 " frame ✓ in holds 10 " 3rd ✓</i>		" " Spacing.....	<i>✓</i>
" " Are Frame and Reversed Frame joggled?.....	<i>yes ✓</i>		Bridge Deck, Angle, <i>E</i> or <i>L</i>	<i>✓</i>
Bracket Floors, breadth and thickness at middle line.....	<i>750 10 in B.R. ✓ 8.5 outside B.&E.R. ✓</i>		" " Spacing.....	<i>✓</i>
" " breadth and thickness at margin plate.....	<i>750 11 in B.R. ✓ 10 " E.R. ✓ 8.5 outside B.&E.R. ✓</i>		Forecastle Deck, Angle, <i>E</i> or <i>L</i>	<i>215 80 12 ✓</i>
			" " Spacing.....	<i>every 2nd frame ✓</i>

PILLARS AND DECKS.				PILLARS AND DECKS.			
PILLARS, No. of Rows		Any Departure from Approved Plans to be Noted.		PILLARS, No. of Rows		Any Departure from Approved Plans to be Noted.	
one				Stringer Plate, breadth and thickness in way of Bridge	✓		
in 'tween Decks, Size and Spacing	150 75 9.5			Thickness of Plating abreast Deck openings in way of Wells	9 ÷ 8 ✓		
in Holds	180 75 12 ✓ 300 14 ✓			Thickness of Plating abreast Deck openings in way of Bridge	✓		
	220 95 15.5 ✓ 17			Thickness of Plating within line of openings	7 ✓		
Centre Line Bulkhead. Stiffeners and Spacing	✓			If Sheathed, material and thickness	unheated		
Plating, thickness of	✓			Third Deck, only in way of n° 1 & 2 holds	1300 10.5 ✓		
Stringers and Decks. Uppermost Continuous Deck.				Stringer Plate, breadth and thickness	9 ÷ 7 ✓		
Stringer Plate, breadth and thickness in Wells	1600 18 ✓ 1700 app.			If Plated, state thickness	✓		
in way of Bridge	✓			Fourth Deck.			
Angle in Wells	110 110 12 ✓			Stringer Plate, breadth and thickness	✓		
Thickness of Plating abreast Deck openings in way of Wells	10 ÷ 9 ✓			If Plated, state thickness	✓		
Thickness of Plating abreast Deck openings in way of Bridge	✓			Poop Deck.			
Thickness of Plating within line of openings	7 ✓			Stringer Plate, breadth and thickness	✓		
If Sheathed, material and thickness	unheated ✓			Plating, Sheathing, material and thickness	✓		
Second Deck.				Bridge Deck.			
Stringer Plate, breadth and thickness in Wells	1500 9 ✓ 1600 app.			Stringer Plate, breadth and thickness	✓		
				Plating, Sheathing, material and thickness	✓		
				Forecastle Deck.			
				Stringer Plate, breadth and thickness	1000 ✓ 8 ✓		
				Plating, Sheathing, material and thickness	larch 65 ✓		

SCANTLINGS.				RIVETING.			
AS IN VESSEL.				EDGES.			
STRAKES.				BUTTS.			
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				RIVETS.			
Flat Plate Keel	1160 20 ✓			cement not Skilled	Single ✓	Double ✓	Double ✓
Dbg. (if any)	none				✓	✓	✓
Bottom Plating, No. of Strakes	1890 13 ✓			cement not Skilled	✓	✓	✓
Bilge Plating, No. of Strakes	1650 13 ✓ 11.5 ✓ 11 ✓				✓	✓	✓
Side Plating, No. of Strakes	1647 13 ✓ 11 ✓ 11 ✓				✓	✓	✓
Upper Deck, Sheer-strake in Wells	✓	✓	✓		✓	✓	✓
Upper Deck, Sheer-strake in Bridge	1200 ✓ 13 ✓ 10 ✓ 10 ✓				✓	✓	✓
Strake below Sheer-strake in Wells	✓	✓	✓		✓	✓	✓
Strake below Sheer-strake in Bridge	1320 ✓ 13 ✓ 10 ✓ 11 ✓				✓	✓	✓
Poop Side Plating	✓	✓	✓		✓	✓	✓
Bridge Side Plating	✓	✓	✓		✓	✓	✓
Forecastle Side Plating	1200 ✓ 8 ✓				✓	✓	✓

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.			
Extending to Upper Deck (Sec. 3 c) collision bulkhead ✓				KEEL, Bar flat plate keel ✓			
Deck next below five see later notes				STEM 200-55 ✓			
As per Rule five 1st Sept 47				STERN FRAME Propeller Post cast steel 203x152 ✓			
				RUDDER—Type single plate ✓			
				A × D 680 ✓			
				Diam. of head 210 ✓			
				Mainpiece at top pintle ✓			
				heel ✓			
				how constructed forged arms & single plate ✓			
				double or single plate 21 ✓			
				coupling, vertical or horizontal horizontal ✓			
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) ✓							
STEEL.							
Has the Steel been tested as required by the Rules? ✓							

all correspondence and endorsements regarding equipment.

EQUIPMENT No. 2320				ANCHORS.			
Number of Certificate.		Anchors.		Description of Anchor.		Makers.	
1777	1st Bower	21 12 8 ✓	37402 ✓	22 8 5 ✓	Union type	DORTMUND	6.6.33
55768	2nd "	21 4 2 ✓	37410 ✓	21 0 8 ✓	" "	J. WRIGHT	TIPTON-23.12.20
	3rd "	22 9 5 ✓	✓	21 0 7 ✓	" "		
55428	Stream	8 2 2 ✓	17764 ✓	6 10 (stockless)	stockless	J. WRIGHT	TIPTON-6.10.20

CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.		Length and size supplied.		Description.		Makers of Cables.	
706	176.1 48 65289158	8977	✓	✓	HANSA	LECCO-26.5-47-M	185 102 33.73 185 102
73343	27.5 46 65289158	✓	✓	✓	ARLENICO	LECCO-12-1-40	165 68 165 64
4000	55.1 46 65289158	11330	✓	✓	LECCO	LIVORNO-26.10.37	165 60 165 57
9247094	82.5 46 65289158	✓	✓	✓	CALEOTTO	LECCO-26.8-47	✓
12341	100.4 46 65289158	4630	✓	✓	✓	✓	✓
165 108	368	24937	✓	✓	✓	✓	✓

Steering Gear, Type (Power or hand) steam power ✓ Alternative Means of Steering hand gear with screw gear ✓

Steering Chains (Size and Test) ✓ Windlass steam ✓ Boats 6 ✓

Ceiling in Holds, thickness and material 65 1/4 - white pine ✓ Cargo Battens, thickness, material and spacing 50 1/4 - white pine - 30 5 1/4 ✓

Cargo Hatchways.—(Upper Deck) 1/4 610 x 9 Thickness of Hatches 65 1/4 ✓

Size of Hatchways No. 1 (Fwd.) 5490-5000 No. 2 7320-5000 No. 3 6710-5000 No. 4 3660-5000 No. 5 ✓ No. 6 ✓

Number of Shifting Beams } 3 to n° 1 hatchway; 4 to n° 2 hatchway; 4 to n° 3 hatchway; 2 to n° 4 hatchway; and/or Fore and Afters

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. yes ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. no ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

The workmanship has been examined as far as possible and found to be good.
A number of shell rivets have been removed and counter-sinks found satisfactory.

oil fuel can be carried in nos. 1, 2, 3, 4, 6 and 7 oil tanks and in side tanks in Boiler Room. Flash point above 150° F.

The amount of Entry Fee £ 19 : : Fees applied for, 19 : :
Special Survey Fee see later 195,000 : :
Repairs 252,000 : :
Travelling Expenses, if any £ 6,425 : :
Received by me, 19 : :
I am of opinion the Vessel should be Classed 100A1

State whether the Vessel has been built under Special Survey no
Signature Werra & B. Lunder
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Trieste Date of issue 21/4/48

Committee's Minute 100A1 with freeboard
Character assigned 1047 Tri
S.S. Tri-10.47 (Dr) LMC 10.47
Classed 10.47 NE made 1943 fitted 10.47
S (C.L.) 8.47
F.D. 358 18516 Spt. J.D.

White X Tri

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 was badly damaged by being torpedoed and afterwards bombed and extensive permanent repairs have been now carried out. (See RPT. 8)
The vessel has also been converted to burn oil fuel.
Plans of Midship section and Profile and Decks already forwarded. ✓

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

Fibres for oil fuel (with Sate) F. P. above 150° F. ✓

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

1st Bower

2nd

3rd

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ✓ ft., R.Q.D. ✓ ft., Bridge 45 ✓ ft., Forecastle 36.5 ✓ ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 302 Signal Letters IBIY Extreme Breadth over Belting no Belting Over-all Length 94.55 metres (Circ. 1611) (Circ. 1703)

No. and Material of Decks two (steel) and one partial in hold n° 1 and n° 2 (steel)

Parts of Bottom of Vessel coated with cement or approved composition

water carrying tanks and bilges in holds coated with cement

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. metres feet.	Water Capacity. C. M. Tons.	Where Fitted.	Length. metres feet.	Water Capacity. C. M. Tons.
Double bottom, aft,	13 ÷ 55 ✓	25.62 ✓ 141.	Fore peak tank,	138 ÷ 148 ✓	6.10 ✓ 95
Double bottom, under Engines and Boilers,	56 ÷ 83 ✓	16.47 ✓ 112.	After peak tank,	0 ÷ 6 ✓	3.66 ✓ 58
Double bottom, if under Engines only,	ca. 56.56	16.1 ✓	Deep tank, aft, <u>at side of tunnel</u>	13 ÷ 21 ✓	4.88 ✓ 59
Double bottom, if under Boilers only,	ca. 137.138	16.1 ✓	3 Deep tank, forward, <u>F.O. side bunkers (port)</u>	61 ÷ 83	13.42 ✓ 184.8
Double bottom, forward,	83 ÷ 137 ✓	32.94 ✓ 210.	3 Other tanks, if fitted, " " "	(stb.) 63 ÷ 83	12.20 ✓ 173.8
Total length (if continuous) and Capacity	13 ÷ 138 ✓	76.25 ✓ 250. 467t.	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

See Report 8.



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Total No. of Visits