

## STEEL STEAMER OR MOTORSHIP.

Received at London Office 14 AUG 1954

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

State if Report is sent on the Machinery of the Vessel YES

Date of completion of report 10. 8. 54 Port of TRIESTE No. 114014

Survey held at MONFALCONE Date First Survey 13. 11. 1952 Last Survey 14. 7. 1954

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEAM TURBINE TANKER 'MARE NOSTRUM' SINGLE SCREW WITH MACHY. AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections POOP AND FOCE

TONNAGE under Tonnage Deck 18,827

CLASS 100 A I

State if with freeboard as condition of Class

Built at MONFALCONE

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 188.80

Launched 22. 11. 53. Yard No. 1477

Total

Breadth (greatest moulded) B 26.20

Builders CANTIERE RIUNITI DELL'ADRIATICO

Gross Tonnage 20,451

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 13.922

Owners FRATELLI D'AMICO ARMATORI.

Register Tonnage 12,458

1st Longitudinal Number (L x D) =

Managers

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D) =

Residence ROME

## REGISTERED DIMENSIONS.

FEET

Length 634.21'

Breadth 86.4'

Depth 46.0'

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.56

Do. Long Bridge to top of keel

Draught Moulded 10322 7/8 = 33'-10 3/8"

Port of Registry PALERMO

If surveyed while building, afloat, or in dry dock

BUILDING, AFLOAT AND IN DRY DOCK VESSEL UNDOCKED 26. 5. 54.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
SEE RPT. 1*			Bracket Floors, Frame		
FRAMES, Spacing amidships IN MACHY. SPACE	815	✓	" " Reversed Frame		
" " from 1/2 length amidships to Collision bulkhead	SEE PLAN	✓	" " Vertical Struts		
" " in peaks	610	✓	Centre Girder, depth and thickness amidships IN MACHY. SPACE	1700 15	✓
SIDE FRAMING. IN MACHY. SPACE			" " top Angles	NONE E.W.	✓
Frame Amidships, Angle, [ or ]	280 95 10/15	✓	" " bottom Angles	NONE E.W.	✓
" " Extends up to	SECOND DECK	✓	Side Girders, No. each side and thickness	SEE PLAN OF D.B. AFT	✓
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness		
" " Extends up to			" " Vertical Angle to Tank side		
Depth of Framing Girder			Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	230 90 11	✓	" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, [ or ]			Bracket from forward 1/2 len. from stem to Panting Area		
" " Third " " " "			Gussets, spacing and scantling abaft 1/2 len. from stem		
" " from 1/2 len. for'd. to 15% len. from Stem	280 95 10/15	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
" " in Peaks, Angle or [ or ]	280 95 10/15	✓	Tank Side Brackets, height above base line at toe of Frame and thickness IN MACHY. SPACE	1900 10	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			INNER BOTTOM PLATING. IN MACHY. SPACE		
State if Frame Joggled	NO	✓	Breadth and thickness of Middle Line Strake	17 AND 16	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED	✓	Thickness of remainder in Holds		✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED	✓	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 OR EQUIVALENT	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	SEE RPT. 1*	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [ or ]		
Middle Line Keelson, on Floors, Angles	2300 x 13	✓	Spacing	200 9	✓
IN CARGO TANKS. [ or ]	WELDED TO SHELL WITH 610 x 30 ROSS PLATE	✓	Second Deck, amidships, Angle, [ or ]	220 10	✓
" " Through Plate or Inter-costal Plate			Spacing	EVERY	✓
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [ or ]		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [ or ]		
" " thickness of Inter-costal Plate			Spacing		
" " Angles			Poop Deck, Angle, [ or ]	200 9	✓
DOUBLE BOTTOM. IN MACHY. SPACE			Spacing	EVERY	✓
Solid Floors, thickness and spacing	12.5 EVERY	✓	Bridge Deck, Angle, [ or ]		
" " Are Frame and Reversed Frame joggled?	NONE E.W.	✓	Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, [ or ]	220 10	✓
" " breadth and thickness at margin plate			Spacing	EVERY	✓



## PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
<b>PILLARS, No. of Rows</b> .....		AS APPROVED			
,, in 'tween Decks, Size and Spacing .....		AT ENDS			
,, ,, ,, ,, ,,		ONLY			
,, in Holds ,, ,, ,,					
,, ,, ,, ,, ,,					
<del>Centre Line Bulkhead.</del> LONGITUDINAL Stiffeners and Spacing .....		WING BULKHEADS	CORRUGATED		
Plating, thickness of .....		15	13.5, 12.5 & 11		
<b>STRINGERS AND DECKS.</b>					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		2100	26.5		
,, ,, ,, ,, in way of Bridge					
,, Angle in Wells		NONE			
Thickness of Plating abreast Deck openings in way of Wells .....		STRINGER WELDED TO A RIVETTED PLAT BAR ON SHEER STRAKE 315x30			
Thickness of Plating abreast Deck openings in way of Bridge .....		26.5			
Thickness of Plating within line of openings...		26.5			
If Sheathed, material and thickness.....		NOT SHEATHED			
<b>Second Deck.</b> AFT					
Stringer Plate, breadth and thickness in Wells		8.5	PLATED TRANSVERSELY.		
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.....					
<b>Third Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness .....					
<b>Fourth Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness.....		1200	9		
Plating, Sheathing, material and thickness .....		8.5	6.5	0. PINE	
		CLEAR OF ERECTIONS			
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness .....					
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness.....		1500	9		
Plating, Sheathing, material and thickness.....		9	NOT SHEATHED		

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>NO.</i>	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>m/in</i>	<i>inches.</i>	<i>inches.</i>	<i>inches.</i>	<i>inches.</i>		<i>inches.</i>	<i>inches.</i>	<i>inches.</i>	<i>inches.</i>		<i>inches.</i>	<i>inches.</i>	
Flat Plate Keel.....	1600	30.5	25	30.5		WELDED							
„ Dblg. (if any)		—				SEAM OF C-D DOUBLE RIVETTED 28 112							
Bottom Plating, No. of Strakes <i>Five</i> .....	2010 2150	26	16	20 1/2 22.		REMAINDER WELDED							
Bilge Plating, No. of Strakes <i>Two</i> .....	1900 1753	26	—	—		SEAM OF G-H DOUBLE RIVETTED 25 100							
Side Plating, No. of Strakes <i>Four</i> .....	1988	20	18-16	14.5 20 IN WAY OF S.F.R.		REMAINDER WELDED							
Upper Deck, Sheer- strake in <i>Walls</i> .....	2210	31	14.5 18 IN WAY OF HANG PIPES	14.5		SEE SHEEL PLAN							
Upper Deck, Sheer- strake in Bridge ...	—	—	—	—		WELDED							
Strake below Sheer- strake in <i>Walls</i> .....	1988	20	18 1/2 14.5	14.5		ALL BUTTS E/SC. WELDED.							
Strake below Sheer- strake in Bridge ...	—	—	—	—		WELDED							
Poop Side Plating.....	—	—	—	13		WELDED							
Bridge Side Plating.....	—	—	—	—		WELDED							
Forecastle Side Plating	—	—	13	—		WELDED							

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—  
 Extending to Upper Deck (Sec. 3 c) SIXTEEN ✓  
 „ Deck next below ✓  
 As per Rule AS APPROVED.

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		FLAT PLATE KEEL ✓		
STEM		FASHION PLATE 25-16" THICK ✓		
STERN FRAME	{ Propeller Post ✓ { Rudder ✓	CAST AS STEEL APPROVED. ✓	I.L.V.A. LOVERE	
Speed of Vessel		15.4 KNOTS ✓		
RUDDER—Type		BALANCED ✓		
" A X D		SEE PLAN.		
" Diam. of head		410 FORGING 415 IN WAY OF TILLER ✓	S.I.A.S. OF CORNICLIANO	
" Mainpiece at top pintle				
" " heel				
" how constructed		BUILT UP JOULE ✓		
" double or single plate		PLATE ELEC. WELDED ✓		
" 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.  
"ILVA" STAB. DI MARGHERA, STAB. DI NOVILIGURE, STAB. DI TRIESTE, STAB. DI SAVONA, STAB. DI GAGNA.  
SOCIETA ITALIANO ACCIAIERIE CORNIGLIANO, OESTERREICHISCH - ALPINE MONTANGESSELLSCHAFT.  
 Has the Steel been tested as required by the Rules? YES.



pt. 1\*. MARE NOSTRUM C.R.D.A. YARD N° 1444 TRIESTE RPT. N° 144014.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.					
	m/m.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.		
	In Ship.							Diam.	Speng.		Number.	Diameter.	
ng of <del>L</del> or <del>E</del>													
es in Bridge 'tween Decks ...													
es from Uppermost Continuous													
eck													
No. 1	220	11	✓	220	11	✓							
" 2	220	11	✓	220	11	✓							
" 3	220	11	✓	220	11	✓							
" 4	220	12	✓	220	12	✓							
" 5	240	11	✓	240	11								
" 6	260	12	✓	260	12								
" 7	260	12	✓	260	12								
" 8	280	13	✓	280	13								
" 9	280	13	✓	280	13								
" 10	280	14	✓	280	14								
" 11	300	14	✓	300	14								
" 12	300	14	✓	300	14								
" 13	300	14	✓	300	14								
" 14	300	16	✓	300	16								
" 15	300	16	✓	300	16								
om LONGITUDINALS, 16	ALL 400 x 14 FLANGED 160		✓										
Spacing of (Amidships	SIDE 785		✓	BOTTOM 770		✓							
ngitudinal	" 785		✓	" 770		✓							
Frames (At Ends													
Tank Top Longitudinals													
Bottom													
of Longitudinals													
Transverses.													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Back Bars													
Brackets													
Spacing of Transverse Frames...													
Bridge Deck													
Upper													
Second													
Third													

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.



## HAWSERS AND WARPS.





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.)

P. 403 Steel has been used on the upper Deck and Shell of this vessel. The position of this steel has been indicated on the plans of Shell and Decks now forwarded. The P. 403 Steel used has been made by I.L.V.A. ALTI, FORNI & ACC. D'ITALIA, SOC. ITALIANA ACC. CORNICLIANO AND OESTERREICHISCH-ALPINE MONTANGESSELLSCHAFT. Steel made to comply with paragraph P. 403 by each of the above makers is subjected to a normalising heat treatment after working.

Peaks, DB. tanks, Cofferdams, Fore peak tanks, all main cargo tanks, oil fuel Bunker, Bulkheads and Decks tested to Rule Requirements with satisfactory results.

Widlar and Storing gear tried under working conditions and found satisfactory.

The "as built" plans for the sister vessel "More Adriaticum" G.R.P.A. Jord to 1443, Trieste Rpt. to 13965 have been endorsed for this vessel and are now forwarded.

A midship Section and Longitudinal section for Jord to 1444 are also enclosed.

8 Forging certificates and the hullsketches are also forwarded.

PARTICULARS OF ELECTRIC WELDING (if employed) VESSEL ENTIRELY WELDED WITH THE EXCEPTION OF ONE BOTTOM SHELL SEAM, UPPER SEAM OF BILGE STRAKE, SHEER STRAKE, STRINGER PLATE SHELL CONNECTION ONE DECK SEAM, AND FRAMES AT ENDS. WELDING CARRIED OUT BY EXPERIENCED OPERATORS USING APPROVED ELECTRODES.

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

CRUISER STERN, LONGITUDINAL FRAMING, PART E/C. WELDED  
CARRYING PETROLEUM IN BULK  
E.S.D., D.F., GYRO AND RADAR FITTED.

RADAR Equipment (State if fitted) YES

State Type or Pattern No. TYPE 1404/A

State Name of Supplier MARCONI INT.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	KGS.	HEAD	J. QUAST	3338	11.8.52	SHANK	2530	J. Q	3342	11.8.52
1st Bower	4511		90	3334	11.8.52		2485	J. Q	3340	11.8.52
2nd "	4521		90	3339	11.8.52		2530	J. Q	3341	11.8.52
3rd "	4481		90	3343	11.8.52					
STREAM ANCHOR	2160									

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 125.0 ft., R.Q.D. — ft., Bridge — ft., Forecastle 81.0 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. ✓ Signal Letters I. B. M. N Extreme Breadth over Belting NO BELTING. Over-all Length 656.2' (Circ. 1811) (Circ. 1703)

No. and Material of Decks ONE DECK STEEL. SECOND DECK ART.

Parts of Bottom of Vessel coated with cement or approved composition FORE AND AFTER PEAK TANKS AND D.B. TANKS USED FOR WATER, COATED WITH CEMENT STRUCTURE UNDER ENGINES COATED WITH RED LEAD.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, FRESH WATER	89.8	270	Fore peak tank, BALLAST	39	642
Double bottom, under Engines and Boilers,	—	—	After peak tank, FRESH WATER	24	224
Double bottom, if under Engines only,	—	—	Deep tank, aft, OIL FUEL OR BALLAST	17	1050
Double bottom, if under Boilers only,	—	—	Deep tank, forward, OIL FUEL OR BALLAST	144	2895
Double bottom, forward,	—	—	Other tanks, if fitted, FOR DISTILLED WATER ABOVE AFT PEAK TANK.	8.0	96
Total length (if continuous) and Capacity	90'	F.W.	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 236

Date 18.4.1952

Dates of Surveys held while building

1952 Nov. 13. 1953 Feb. 27 Mar. 5. 12. 17. 20. 26 Apr. 8. 15. 23. 24. May. 7. 11. 11. 12 June 8 5. 9. 15. 25. July 6. 8. 13. 20. 23. 27. 29. Aug. 17. 24. 29. 31. 31. Sep. 1. 3. 4. 7. 9. 10. 15. 17. 18. 21. 23. 30. Oct. 2. 5. 7. 12. 14. 16. 19. 23. Nov. 3. 13. 16. 18. 18. 21. 26 Dec. 12. 1954 Jan. 19. 21. 28. Feb. 8. 11. 19. 25 March. 4. 9. 12. 22. Apr. 7. 26 30. May 7. 20. 21. 23. 24. 28. June 4. 7. 8. 10. 15. 30 July 6. 14. 14

Total No. of Visits 91