

# STEEL ~~STEAMER~~ OR MOTORSHIP.

Received at London Office

7 - NOV 1953

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

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

Date of completion of report ..... Port of TRIESTE No. 13909

Survey held at TRIESTE Date First Survey 30<sup>th</sup> AUGUST 1952 Last Survey 3<sup>rd</sup> OCTOBER 1953

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **SINGLE DECK MOTOR COASTER** State Type of Erections **FORECASTLE & POOP**

TONNAGE under } 196  
Tonnage Deck ...

CLASS + 100 A. I.

State if with freeboard  
as condition of Class

Built at **TRIESTE**

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

Length from fore part of stem to after part of stern } FEET  
post on summer L.W.L. See Sec. 3 (1a) } L 131.25

Launched 19<sup>th</sup> MAY 1953 Yard No. 34

**Total** .....

Breadth (greatest moulded) B **24.62**

Builders *CANT. NAV. GIULIANO - S. GIUSTO*

Gross Tonnage 287

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... D 9.85

Owners REPUBLIC OF INDONESIA

Register Tonnage 124

1st Longitudinal Number (L x D)..... = ✓

2nd Numeral L x (B + D) ..... = ✓

Managers **KEMENTERIAN PERHUBUNGAN**  
(Where necessary to be entered in Reg. Book) **DIKARTASIA**

REGISTERED DIMENSIONS

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

Residence

Port of Registry **DJAKARTA**

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

BUILDING AFLOAT & ON SLIPWAY  
VESSEL UNSLIPPED - 26-9-53.

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.
FRAMES, Spacing amidships.....	585	/	Bracket Floors, Frame flat plate	100 x 9	/
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....	585	/	" " Reversed Frame flat plate	90 x 8	/
" " in peaks .....	585	/	" " Vertical Struts angle	150 x 75 x 8	/
SIDE FRAMING.			Centre Girder, depth and thickness amidships	660 x 8	/
Frame Amidships, Angle, <del>E or F</del> bulb plate	75 x 7	/	" " top Angles .....	WELDED	/
" " Extends up to.....	UPPER DECK	/	" " bottom Angles.....	WELDED	/
Reversed Frame Amidships, Angle .....	✓	/	Side Girders, No. each side and thickness.....	NONE	/
" " Extends up to .....	✓	/	Margin Plate depth (excl. of flange) and thickness .....	528 x 7	/
Depth of Framing Girder.....	✓	/	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem .....	WELDED	/
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	✓	/	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area .....	WELDED	/
" " Second 'tween Decks, Angle, [ or ] .....	✓	/	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	✓	/
" " Third .....	✓	/	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area .....	✓	/
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	80 x 7 bulb plate 85 x 7 bulb plate	/	Tank Side Brackets, height above base line at toe of Frame and thickness .....	710 x 7	/
" " in Peaks, Angle or [ flat plate	100 x 8.5	/	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	WELDED	/	Breadth and thickness of Middle Line Strake...	970 x 8	/
State if Frame Joggled.....	NO	/	Thickness of remainder in Holds .....	6.5	/
Are the scantlings and arrangements in the Panting Area 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 ?.....	AS APPROVED	/
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?.....	AS APPROVED	/	BEAMS.		
SINGLE BOTTOM. (Frs 5-19 Motor Room)			Uppermost Continuous Deck, amidships in Wells, Angle, <del>E or F</del> .....	75 x 55 x 10	/
Floors, Depth and thickness at mid-line in Hold .....	550 x 8	/	" " in way of Bridge, Angle, [ or ] .....	60 x 50 x 7 ( $\frac{1}{2}$ beams)	/
Height of Brackets at side above base line at toe of frame.....	✓	/	Spacing .....	every.	/
Middle Line Keelson, on Floors, Angles, [ or ] .....	WELDED	/	Second Deck, amidships, Angle, [ or ] .....	✓	/
" " Through Plate or Inter-costal Plate .....	550 x 8	/	Spacing .....	✓	/
" " Foundation Plate on Floors .....	100 x 8	/	Third Deck, amidships, Angle, [ or ] .....	✓	/
" " Flat Plate Keel Angles .....	WELDED	/	Spacing.....	✓	/
Side Keelsons, No. each side.....	✓	/	Fourth Deck, amidships, Angle, [ or ] .....	✓	/
" " thickness of Intercoastal Plate...	✓	/	Spacing.....	✓	/
" " Angles .....	✓	/	Poop Deck, Angle, <del>E or F</del> .....	60 x 40 x 7	/
DOUBLE BOTTOM.			Spacing.....	every	/
Solid Floors, thickness and spacing .....	6.5 every 4'	/	Bridge Deck, Angle, [ or ] .....	✓	/
" " Are Frame and Reversed Frame joggled ? .....	WELDED	/	Spacing.....	✓	/
Bracket Floors, breadth and thickness at middle line .....	500 x 6.5	/	Forecastle Deck, Angle, <del>E or F</del> .....	75 x 50 x 7.5	/
" " breadth and thickness at margin plate.....	500 x 6.5	/	Spacing.....	every	/



## PILLARS AND DECKS.

PILLARS, No. of Rows	IN SHIP.	Any Departure from Approved Plans to be Noted.	IN SHIP.	Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge	Two	✓	✓	
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	1500 x 7.5	✓	✓	
Plating, Sheathing, material and thickness	TEAK 50%	✓	✓	
Bridge Deck.				
Stringer Plate, breadth and thickness	✓	✓	✓	
Plating, Sheathing, material and thickness	✓	✓	✓	
Forecastle Deck.				
Stringer Plate, breadth and thickness	1050 x 7	✓	✓	
Plating, Sheathing, material and thickness	TEAK 50%	✓	✓	
Second Deck.				
Stringer Plate, breadth and thickness in Wells	✓	✓	✓	

## SHELL PLATING.

STRAKES.	AS IN VESSEL.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	RIVETING.	ALL BUTTS WELDED
Flat Plate Keel	950 12.5 12.5 12.5	✓	SINGLE 16 65	✓
Bottom Plating, No. of Strakes	1330 9.0 8.0 8.0	10% To Boss	SINGLE 16 65	✓
Bilge Plating, No. of Strakes	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Side Plating, No. of Strakes	1140 9.0 8.0 7.5	✓	SINGLE 16 65	✓
Upper Deck, Sheer-strake in Wells	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Upper Deck, Sheer-strake in Bridge	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Strake below Sheer-strake in Wells	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Strake below Sheer-strake in Bridge	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Poop Side Plating	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Bridge Side Plating	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓
Forecastle Side Plating	1100 8.0 7.5 7.5	✓	SINGLE 16 65	✓

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	5
Extending to Upper Deck (Sec. 3 c)	5
Deck next below	✓
As per Rule	3

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	8.0	90x75x7	700		
" " Second "	8.0	100x85	610		
" " Third "	8.0	100x85	610		
" " Holds	8.0	100x85	610		
COLLISION (in Hold)	8.0	100x85	610		
AFTER PEAK	8.0	100x85	610		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **OPEN - HEARTH**  
**I. L. V. A. Stab di TRIESTE, Stab MARGHERA; OESTERREICHISCH - ALPINE MONTANESSELLSCHAFT.**  
 Has the Steel been tested as required by the Rules? **YES.**

## EQUIPMENT No.

## LETTER "e"

## ANCHORS.

Anchor.	Weight, Lbs. Stock.	Weight of Stock.	Test, per Certificate.	Weight Required by Table 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
26216 1st Bower	8 1 10	10 10 0 0	10 10 0 0	8 1/4	STOCKLESS	MESSRS	CARDIFF
26217 2nd "	8 1 21	10 12 2 0	10 12 2 0	8 1/4	HALL'S TYPE	BROWN LEMOX	28-4-53
26218 3rd "	8 1 7	10 10 0 0	10 10 0 0	16 1/2	(Cast steel head)	E. CO. LD.	F. W. DOVEY
26232 Stream	3 0 14	0 2 12 5 12 0 21	2 3/4 (x block)	ORDINARY ADT. PATT	PONTYPRIDD	CARDIFF 21-5-53	F. W. DOVEY

## CHAIN CABLES.

## HAWSERS AND WARPS.

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.	Test of Steel Wire.	Length and size per Table 53.
385 23.5	15640	2340	511	3660	300 23.5	MILD STEEL	LEIDEN 3-2-53	165 44	7396	165 44
200 16	4780	3660	1306	545	85 16	MILD STEEL	LEIDEN 12-2-53	165 44	7396	165 44
85 18	1340	-	-	-	85 18	MILD STEEL	LEIDEN 12-2-53	165 44	7396	165 44

Steering Gear, Type (Power or hand) **HAND HYDRAULIC** Alternative Means of Steering **RELIEVING TACKLE**  
 Steering Chains (Size and Test) **50% - YANGWOOD** Windlass **DIESEL DRIVEN** Boats **2 LIFEBOATS**  
 Coiling in Holds, thickness and material **50% - YANGWOOD** Cargo Battens, thickness, material and spacing **50% - YANGWOOD**  
 Cargo Hatchways—(Upper Deck) **900% x 10% thick** Thickness of Hatches **65% - YANGWOOD**  
 Size of Hatchways No. 1 (Fwd.) **5850x3500** No. 2 **5850x3500** No. 3 **5850x3500** No. 4 **5850x3500** No. 5 **5850x3500** No. 6 **5850x3500**  
 Number of Shifting Beams **Nº 1 - 3; Nº 2 - 3.**  
 Builder's Signature **CANTARE NAVALI GUILIANO S. CRISTO**

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 **MOTORSHIP**  
 (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).  
**THIS SHIP HAS BEEN BUILT UNDER SPECIAL SURVEY IN CONFORMITY WITH THE SOCIETY'S RULES AND REGULATIONS AND SECRETARY'S LETTERS. THE SCANTLINGS AND ARRANGEMENTS OF THE SHIP ARE AS GIVEN IN THE REPORT AND AS SHOWN AND AMENDED ON THE APPROVED PLANS NOW FORWARDED. ALL MODIFICATIONS OR ADDITIONS TO THE ORIGINAL APPROVED ARRANGEMENTS MADE DURING CONSTRUCTION HAVE BEEN INDICATED ON THE PLANS AND HAVE BEEN APPROVED AS BEING IN ACCORDANCE WITH, OR BY STANDARDS EQUIVALENT TO, THE RULE REQUIREMENTS. THE PLANS OF MIDSHIP SECTION AND PROFILE AND DECKS SHOWING THE SHIP AS BUILT, NOW FORWARDED HERewith, HAVE BEEN CHECKED WITH THE APPROVED ARRANGEMENTS AND FOUND IN ORDER.**

## FORGINGS AND CASTINGS.

Keel, Bar	Flat Plate Keel
STEM	PLATE STEM
STERN FRAME	BUILT UP PLATES E.W.
Propeller Post	CASTINGS
Rudder	SA.F.O.G.
Speed of Vessel	9 KNOTS
RUDDER—Type	SIMPLEX BALANCED
" A x D	SEE PLAN
" Diam. of head	FORGING 92% dia
" Mainpiece at top pintle	✓
" heel	✓
" how constructed	BUILT UP
" double or single plate coupling, vertical or horizontal	DOUBLE PLATE E.W.
	HORIZONTAL

The amount of Entry Fee **£ 200.18.0** (Special notations, where part of class, to be stated.)  
 Special Survey Fee **£ 18.10.0**  
 Travelling Expenses, if any **£ 11.9.0**  
 State whether the Vessel has been built under Special Survey **YES**  
 Certificate to be sent to **THIS OFFICE** Date of issue **29/12/53**  
 Committee's Minute **TUESDAY - 1 DEC 1953**  
 Character assigned **+100A1**  
 Signature **Alex M. Hollins**  
 Surveyor to Lloyd's Register of Shipping.  
 Lloyd's Register of Shipping  
 085 212



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.)

THE MATERIALS USED IN CONSTRUCTION HAVE BEEN TESTED TO RULE REQUIREMENT BY THE SOCIETY'S SURVEYORS AND THE QUALITY OF THE WORKMANSHIP IS GOOD. PEAK DOUBLE BOTTOM TANKS, DEEP TANK, DECKS AND BULKHEADS HAVE BEEN TESTED TO RULE REQUIREMENTS WITH SATISFACTORY RESULTS. OIL FUEL FLASH POINT ABOVE 150°F. MAY BE CARRIED IN DOUBLE BOTTOM TANKS NOS 3 and 4 (Port & Star<sup>d</sup>).

THE FREEBOARD MARKS HAVE BEEN CUT IN ON THE VESSEL'S SIDES AND VERIFIED AND L.L.S.T. CERTIFICATE ISSUED FOR THE VOYAGE TO DJAKARTA. COPY ATTACHED HEREWIT. STEERING GEAR & WINDLASS TRIED UNDER WORKING CONDITIONS AND FOUND SATISFACTORY.

CERTIFICATES FOR FORGINGS & CASTINGS FORWARDED WITH TRIESTE REPORT N° 13876 — M.V. "INIS"

THE "AS BUILT" PLANS HAVE NOW BEEN ENDORSED FOR THIS VESSEL.

SISTER VESSELS:— M.V. "INIS"

TRIESTE REPORT N° 13876

M.V. "INTATA"

TRIESTE REPORT N° 13877

M.V. "ILOSANGI"

TRIESTE REPORT N° 13908

PARTICULARS OF ELECTRIC WELDING (if employed) BUTTS & SEAMS OF DECK PLATING, BUTTS OF SHELL PLATING, BUTTS & SEAMS OF TANK TOP PLATING, BUTTS & SEAMS OF BULKHEAD PLATING, DOUBLE BOTTOM INTERNAL STRUCTURE ENTIRELY WELDED, MOTOR SEATS & MINOR DETAIL 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, PART ELECTRICALLY WELDED, E.S.D.

RADAR Equipment (State if fitted)

State Type or Pattern No. **FITTED**

State Name of  
Maker and/or  
Supplier **NOT**

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

1st Bower	HEAD	5	0	13	J.W. A.886	20-1-53	SHANK	2	2	7	JCK A.853	3-12-52
2nd	"	5	0	18	J.W. A.883	20-1-53	"	2	2	10	JCK A.862	9-11-52
3rd	"	5	0	8	J.W. A.871	2-1-53	"	2	2	8	JCK A.863	9-12-52
STREAM	"	2	3	22	J.W. A.893	20-1-53						

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.64 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 28.50 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 **P.K.H.P.** Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length 149.60 ft. (Circ. 1703)

No. and Material of Decks **ONE DECK STEEL**

Parts of Bottom of Vessel coated with cement or approved composition **ALL TANKS EXCLUSIVELY USED FOR WATER HOLD AND MOTOR ROOM BILGES COATED WITH BITUMASTIC**

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank, (water ballast)	9.02	6.8
Double bottom, under Engines and Boilers,			After peak tank, (drinking water)	8.96	15.4
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, (fresh water)	7.68	22.3
Double bottom, forward,	80.61	W.B. 42.4 O.F. 14.5	Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 233

Date 28-2-52.

Dates of Surveys held while building

1952 — Aug. 30; Oct. 14. 21. 29; Nov. 6. 25; Dec. 9. 15; 21;

1953 — Jan. 8. 16. 19. 20. 24; Feb. 10. 13. 23; Mar. 9. 16. 24. 31; Apr. 1. 10. 23. 30; May 12. 13. 14.

18. 19. 21; June 9. 12. 19. 26; July 10. 11. 15. 24; Aug 6. 7. 28; Sept 2. 11. 18. 22. 25. 28

Oct. 1. 3.

Total No. of Visits 50.

For S.S.O.F. see main ship Inis. Yd No. 32.