

STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *Yes No 13041*State if Report is sent on the Machinery of the Vessel *Yes No 13041*Date of completion of report *27th June 1947* Port of *Trieste* No. *13076*Survey held at *TRIESTE* Date First Survey *2nd Nov 1945* Last Survey *4th June 1947*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *SINGLE SCREW MOTORSHIP "VAGAN"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *FULL SCANTLING* State Type of Erections *OK BRIDGE 9 FOCLE*TONNAGE under Tonnage Deck ... *590* CLASS *+100A1* State if with freeboard as condition of Class *NO* 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 183.73* Breadth (greatest moulded) *B 32.15* Launched *22.1.47* Yard No. *1748*Gross Tonnage *784* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15.25* Builders *CANTIERI RIUNITI DELL'ADRIATICO*Registered Tonnage *399* 1st Longitudinal Number (L x D) *2801-88* Owners *VESTERAALENS DAMPSKIBSELSKAB*2nd Numeral L x (B + D) *8708.8* Managers (Where necessary to be entered in Reg. Book)REGISTERED DIMENSIONS. FEET Residence *STOKMARKNES*Length *188.33* Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.04* Port of Registry *STOKMARKNES*Breadth *32.30* Do. Long Bridge to top of keel *4.246 metrs* If surveyed while building, afloat, or in dry dockDepth *13.69* Draught Moulded *4.246 metrs* BUILDING AFOAT AND IN DRY DOCK

FRAMES, DOUBLE BOTTOM AND BEAMS.

	M/M IN SHIP.	Any Departure from Approved Plans to be Noted.		M/M IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	590 ✓		Bracket Floors, Frame	SEE PLAN ✓	
" " from 1/3 length amidships to Collision bulkhead.....	590 ✓		" " Reversed Frame.....	<i>I</i> 75 50 4 ✓	
" " in peaks	590 ✓		" " Vertical Struts	90 90 8 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	440 110 8.5 ✓	LOWER PART 11" UPPER " 8.5" SEE PLAN
Frame Amidships, Angle, <i>E or F</i> <i>I</i>	115 75 10 ✓	120x60x8 ✓	" " top Angles	WELDED ✓	
" " Extends up to.....	UPPER DECK ✓		" " bottom Angles.....	WELDED ✓	
RIVETTED EVERY 5TH			Side Girders, No. each side and thickness.....	ONE 8 ✓	
Reversed Frame Amidships, Angle <i>E</i>	150 75 7.5 ✓		Margin Plate depth (excl. of flange) and thickness	420 8 ✓	
" " Extends up to	UPPER DECK ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	WELDED ✓	
Depth of Framing Girder.....	115 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	WELDED ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓	
" " Third	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	950 8.5 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	120 60 9 ✓		INNER BOTTOM PLATING.		
" " in Peaks, Angle <i>E</i> <i>I</i>	90 45 4 ✓		Breadth and thickness of Middle Line Strake...	1100 9.5 UNDER MATCHES ✓	
Diameter and Spacing of Rivets through RIVETTED Frame and Shell Plating amidships	115 65 9.5 ✓	EVERY 2ND IN F.P. 3RD IN A.P.	Thickness of remainder in Holds	4.5 AND 9.5 UNDER MATCHES ✓	
State if Frame Joggled.....	NO ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E.R. & B. space and framing in Bunkers and Boiler Room?.....	YES ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED ✓		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	120 60 8 <i>I</i> ✓	
SINGLE BOTTOM. AS ORIGINALLY FITTED			" " in way of Bridge, Angle, <i>E or F</i>	90 60 7 <i>I</i> ✓	
Floors, Depth and thickness at mid-line in Holds.....	475 8.5 ✓		" " Spacing	AT EVERY FRAME ✓	
Height of Brackets at side above base line at toe of frame.....	950 ✓		Second Deck, amidships, Angle, <i>E or F</i>	140 60 7 <i>I</i> ✓	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	✓		" " IN NO. 3 HOLD.	EVERY FRAME ✓	
" " Through Plate or Inter-costal Plate	THROUGH PL. 11 ✓		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	✓	
" " Foundation Plate on Floors	620 15 ✓		" " Spacing.....	✓	
" " Flat Plate Keel Angles	WELDED TO BOTTOM ✓		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	✓	
Side Keelsons, No. each side.....	ONE ✓		" " Spacing.....	✓	
" " thickness of Inter-costal Plate...	8 ✓		R.Q. Deck, Angle, <i>E or F</i>	100 50 8 AND 90 60 4 1/2 BEAMS ✓	
" " Angles	WELDED ✓		" " Spacing.....	EVERY FRAME ✓	
DOUBLE BOTTOM. BUILT ON TOP OF ORIGINAL OPEN FLOORS IN HOLDS			Bridge Deck, Angle, <i>E or F</i>	90 60 4 ✓	
Solid Floors, thickness and spacing	SEE PLANS ✓		" " Spacing.....	EVERY ✓	
Are Frame and Reversed Frame joggled?	NO TO SHELL AND INNER BOTTOM ✓		Forecastle Deck, Angle, <i>E or F</i>	100 50 9 ✓	
Bracket Floors, breadth and thickness at middle line	SEE PLANS ✓		" " Spacing.....	EVERY ✓	
" " breadth and thickness at margin plate.....	✓				

PILLARS AND DECKS.

		Inches in Ship. m/m	Any Departure from Approved Plans to be Noted.				Inches in Ship. m/m	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows		ONE			Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing					Thickness of Plating abreast Deck openings in way of Wells				
" " " " " "					Thickness of Plating abreast Deck openings in way of Wells		4.5		
" in Holds <i>FRS, Nos. 81, 66, 9.56</i>		180	11	✓	Thickness of Plating within line of openings...				
" " " " " " <i>FR. NO. 41</i>		200	11	✓	If Sheathed, material and thickness		UNSHEATHED		
Centre Line Bulkhead, Stiffeners and Spacing					Third Deck. Stringer Plate, breadth and thickness				
Plating, thickness of					If Plated, state thickness				
STRINGERS AND DECKS.					Fourth Deck. Stringer Plate, breadth and thickness				
Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells		1440	8.5	✓	If Plated, state thickness				
" " " " " " in way of Bridge		1030	8	✓	Peep Deck. RAISED QUARTER Stringer Plate, breadth and thickness		1320	8.5	✓
" Angle in Wells		75	75	10	Plating, Sheathing, material and thickness		7.5	UNSHEATHED	
Thickness of Plating abreast Deck openings in way of Wells		7.5		✓	Bridge Deck. Stringer Plate, breadth and thickness		800	7.5	✓
Thickness of Plating abreast Deck openings in way of Bridge		7.5		✓	Plating, Sheathing, material and thickness		6.5	TEAK. 65 m/m THIN	
Thickness of Plating within line of openings		7.5		✓	Forecastle Deck. Stringer Plate, breadth and thickness		600	8.5	✓
If Sheathed, material and thickness		UNSHEATHED		✓	Plating, Sheathing, material and thickness		7.5	UNSHEATHED	✓
Second Deck. <i>IN NO 34010.</i> Stringer Plate, breadth and thickness in Wells		900	8.5	✓					

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
Flat Plate Keel	1030	12	10.5	10.5	✓						
" Dblg. (if any)											
Bottom Plating, No. of Strakes	1772	9.5	8.5	8.5	✓						
Bilge Plating, No. of Strakes	1990	9.5	8.5	8.5	✓						
Side Plating, No. of Strakes	1990	9.5	8.5	8.5	✓						
Upper Deck, Sheer- strake in Wells	1260	11.5	8.5	8.5	✓						
Upper Deck, Sheer- strake in Bridge											
Strake below Sheer- strake in Wells											
Strake below Sheer- strake in Bridge											
R.Q.DK. Peep Side Plating			9 TO 8.5		✓						
Bridge Side Plating		9.5									
Forecastle Side Plating			7		✓						

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	5	✓
Extending to Upper Deck (Sec. 3 c)	UPPER DECK	✓
" Deck next below		✓
As per Rule	4	✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar			FLAT KEEL	✓
STEM			PLATE STEM	✓
STERN FRAME	Propeller Post		BUILT UP, ROLLED	✓
	Rudder		PLATES & FORGED SOLE C.R.D.A.	✓
Speed of Vessel	10.5 K.		PIECE AND BOSS ELEC. WELDED SEE PLAN	✓
RUDDER—Type			BALANCED	✓
" A x D			SEE APPROVED PLAN	✓
" Diam. of head			FORGING 100 m/m	✓
" Mainpiece at top pintle				
" " heel				
" how constructed			BUILT UP DOUBLE PLATE, ELEC. WELDED C.R.D.A.	✓
" double or single plate coupling, vertical or horizontal			HORIZONTAL	✓

STIFFENERS.

	Plating Thickness. m/m	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second					
" " Third					
" " Holds	9.5-6	150x15x9	664		
COLLISION, (in Hold)	10-7.5	130x65x8	610	2 HORIZ. GIRDERS TUNNEL FLAT	1580 m/m
AFTER PEAK	9.5-7.5	100x65x7.5	610		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
*Ang. Thyssen Huette A.G. Duisburg, "ILVA" alti Fabrice Acciaierie d'Italia.
 Bolzaneto - Genova - Acc. e Finc. Lombardo Fabrice, Milano - Soc. Ital. Acciaierie Conigliano - Genova.*
 Has the Steel been tested as required by the Rules? *Yes.* (see letter 27th Sept. 47).

ANCHORS.

Number of Certificate.	Anchor.	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.			
236	1st Bower	956 KGS		20160 KGS	965 KGS	STOCK/ESS HALL'S TYPE	CANT. RIUNITI	MONFALCONE 9.5.44
237	2nd "	955 "		20160 KGS	895 "	" " "	DELL. ADRIATICO	S.B. LUMSDEN
238	3rd "	931 "		20160 KGS	895 "	" " "	DITTO	MONFALCONE 9.5.44
	Collective weight	2842 "			2755 "	" " "	DITTO	MONFALCONE 9.5.44
412	Stream	280 KGS	69 KGS	CAST STEEL	265 KGS	ADMIRALTY TYPE	SOC. AN. FONDERIE OFFICINE DI GORIZIA	GORIZIA 12.12.46 M. BONIVENTURA

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.	Stations.	Break-Ing.	Supplied.		Per Rule.	Length.	Diam.	Length.					Diam.				
					Tons.	Cwt.										Tons.		Cwt.	Length.
693	389-94	33	30860	46300	10110	✓	9230KGS	385	33	STUD LINK	SOCIETA PIGNONE	LEGHORN 10/46 P.L. BENVENUTO	TOWLINE	165	46	18900	165	46	
Iron Stream or Steel Wire	110	83	21050KGS					110	83	6x12 GALV	S.A. INDUSTRIA METALLURG. PIEMONTESE SUSA.	TORINO 20/4/45 R. I.	HAWSEERS & WARPS }	165	152 (HEMP)		165	152	
														165	127 (HEMP)		165	127	

Steering Gear, Type (Power or hand) HAND HYDRAULIC C.P.O.A. ✓ Alternative Means of Steering BLOCKS & TACKLES ✓

Steering Chains (Size and Test) ☒ Windlass ELECTRIC C.R.D.A. Boats 2 AND 10' INCH

Ceiling in Holds, thickness and material NONE IN NO 1 & 2 HOLDS ✓
50mm W. PINE IN NO 3 HOLD ✓ Cargo Battens, thickness, material and spacing 150x50 W.P ✓
SPACED 230mm ✓

Cargo Hatchways.-(Upper Deck) 900x11. STIFFENED. Thickness of Hatches 65 m/m. SPACED 230 m/m.

Size of Hatchways No. 1 (Fwd.) 8.85×4.00 No. 2 8.85×4.00 No. 3 6.5×4.00 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters	5 ✓	5 ✓	3 ✓	5 ✓

Builder's Signature

RAI 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 vessel has been built in accordance with the Rules and approved plans. The materials have been tested to Rule Requirements, by the Society's Surveyors and the quality of the workmanship is good. Double bottom tanks, oil fuel bunkers, peaks, bulkheads and decks, tested in accordance with Rule Requirements with satisfactory results. ✓

Steering Gear, windlass and W. I. Door tried under working conditions and found satisfactory. ✓

The fusoid markings have been cut in the veseli sides and verified.

Amount of Entry Fee.....	£	:	:	Fees applied for,
				4/ 1/2

(Special notations, where part of class, to be stated.)

Special Survey Fee..... *in* £178.050

Fees applied for,
1/7/ 1947

Received by me,

I am of opinion the Vessel should be Classed +100 A 2

State whether the Vessel has been built under Special Survey 1.500

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Trusts Office

Date of issue

Committee's Minute

Character assigned 100 A1

6.47 Tri.
Lloyd's A & C.P.

As now subject
(stream anchor to test)

White Tr*~~i~~* (ham)

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Lloyd's Register
Foundation

$$0175^2 \frac{1}{2}$$

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 following plans are forwarded
- 1 General arrangement
 - 2 Midship Section
 - 3 Profile and Decks
 - 4 Second Deck in No 3 Hold.
 - 5 SB Tank in No 1 Hold.
 - 6 SB Tank in No 2 Hold.

PARTICULARS OF ELECTRIC WELDING (if employed)

Electric welding generally used in all main structures, seams and butts of shell plating, Decks, w. I. and oil tight bulkheads, double bottom, and in all structure of minor importance. Floors and Frames electrically welded to shell, beams welded to decks, welding carried out by experienced operators, and the electrodes used one of an approved type (EUSARC AND PERFECTA) for which approval has been given with Recp letter in dated 8. 11. 46.

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

Cruiser Stern - Shell and Decks, electrically welded

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

1st Bower	HEAD 542 KGS.	M. B.	CERT. NO 701.	12. 12. 46
2nd "	" 537 KGS.	M. B.	CERT. NO 709	12. 12. 46
3rd "	" 527 KGS.	M. B.	CERT. NO 699.	12. 12. 46.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. 33.4 ft., Bridge 43.4 ft., Forecastle 22.6 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 L. M. M. E. Extreme Breadth over Belting to belting Over-all Length 195'-9" (Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE (STEEL), 2ND DECK IN NO 3 HOLD (STEEL)

REMOVABLE WOOD DECK IN NO 1 HOLD.

Parts of Bottom of Vessel coated with cement or approved composition

Cement fitted in No 1 and 2 SB tanks and in Peak Tanks. all bilges cement washed.

Particulars of composition (if fitted) and of approval Inner surface of bottom in No 3 hold coated with cement. (see letter 17-9-47).

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,	13.25'	28
Double bottom, under Engines and Boilers,	—	—	After peak tank,	11.6'	15
Double bottom, if under Engines only,	24.25'	45	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	102.5'	235	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	129.75'	280	(If necessary furnish further information by sketch.)	—	—

Order for Special Survey No. 192

Date

Authorisation 28/1/46

Dates of Surveys held while building

1945 Nov 9, 16, 23, Dec 5, 12, 19. 1946 Jan 4, 11, Feb. 28, Apr. 29, May 17, June 1, 23, 24, Aug. 1, 9, 14, 17, 30, Sept. 6, 12, 17, 26, Oct. 2, 10, 29, Nov. 8, 14, 23, 30, Dec. 3, 12, 19, 27. 1947 Jan. 7, 15, Feb. 12, 14, 17, 20, 21, 23, 25, 26, 27, March 11, 17, Apr. 14, 23, May 6, 7, 9, 12, 14, 19, 20, 25, 27, 31, June 4.

Total No. of Visits 60