

3 MAY 1961

Rpt. 1

Port HELSINGFORS (HELSINKI)

No. 8048

Date of completing report 27th April 1961 When handed in at Local Office - Received London

Survey held at HELSINKI First Visit 28th March 1960 Last Visit 27th April 1961 No. of Visits 112

FIRST ENTRY SHIP REPORT

ON THE SS/MS

"PARANAGUA"

WRECK
SECTION

No. 1050

Has Report been sent on (1) Freeboard of Ship? YES (2) Machinery? YES

(Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

Type of Ship COMPLETE SUPERSTRUCTURE Is machinery fitted aft? YES

Length (D 201 of Rules)* 386.42 ft.

Built at HELSINKI

Breadth (D 202 of Rules) 54.50 ft.

Launched 15th. DECEMBER, 1960 Yard No. 203

Depth (D 203 of Rules) (To Sh.Dk. 34.83 ft.
(To Main Dk. 23.75 ft.

Builders VALMET OY

Draught (summer moulded) (D 204 of Rules) 22.14 ft.

HELSINKI

Deck Factor "F" excluding d_t

Owners COMISSAO DE MARINHA MERCANTE

" " "F" including d_t

Address AVENIDA RIO BRANCO, 115, RIO DE JANEIRO.

Gross tonnage O.S.D. 3992.79, C.S.D. 5803.60

Managers

Net tonnage O.S.D. 1981.23, C.S.D. 3177.22

Address

Official number

Port of Registry RIO DE JANEIRO

Signal letters P.U.A.E.

Date of last survey in drydock 4th April 1961

GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters? YES

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements? YES

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements? YES

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order? YES

Are the materials and workmanship satisfactory? YES

Have the freeboards been satisfactorily marked on the ship's sides and verified? YES

BUILDER'S DECLARATION : To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

VALMET OY

Signature of Builder

FEES, etc.

Special Survey fee

This Ship in my opinion is eligible to be classed:— 100 A 1.
(Special notations where part of class to be stated)

Travelling expenses

"CARRYING VEGETABLE OIL IN MIDSHIP AND FORWARD

Late attendance fees

DEEP TANKS".

Fees applied for Received

Classification Certificate to be sent to SURVEYORS, HELSINKI.

"LONGITUDINAL FRAMING AT BOTTOM".

Date of issue 21 JUL 1961

"ELECTRICALLY WELDED".

Has an Interim Certificate been issued? YES. CERT. B N° F.E.8048

Signature

W.N.G. McCulloch
Surveyor(s) to Lloyd's Register of Shipping

W.N.G. McCulloch.

Committee's Minute THURSDAY 13 JUL 1961

Character Assigned + 100 A1 "MT & STB - Vegetable Oil".

SS 4.61

SB 100 lbs } + LMC 4.61.
TS (CN)Wrote Hfs (Com)
" Abo (m).

5m,4,59 T. (MADE AND PRINTED IN ENGLAND)

NOTES FOR
FEELING 173Noted
for
Header

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004394-004404-0066 1/2

* in the case of Trawlers see Trawler Rules

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

STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— SOCIÉTÉ ANONYME DE LA FABRIQUE DE FER DE CHARLEROI (OPEN HEARTH)
SOCIÉTÉ ANONYME DES FORGES DE CLABECQ - CLABECQ (ELECTRIC).

Sections:— HUTTENWERK OBERHAUSEN A.G.

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? YES.

Process of manufacture (e.g. Open hearth, electric furnace, etc.) OPEN HEARTH. ELECTRIC FURNACE.

Particulars of Special Quality Steel used STEEL CONFORMING WITH CHAPTER P, SECTION 5, USED FOR:—
(Advice notes to be forwarded separately with plan showing disposition of these plates)

SHEER STRAKE PLATING FROM BREAK OF POOP TO AMIDSHIP B:P.

SHELTER DECK STRINGER PLATING AT BREAK OF POOP, AND SHELTER DECK HATCH CORNER INSERT PLATES.

(Rule P5 only where 24 mm in thickness)

ELECTRIC WELDING

Parts of main structural importance electrically welded ALL WELDED EXCEPT SHELTER DECK/SHEER STRAKE CONNECTION.

Parts examined by radiography BUTT/SEAM AND TEE JOINT CONNECTIONS ON BOTTOM AND SIDE SHELL AND ON
SHELTER DECK PLATING AT 128 SELECTED POINTS.

Were the electrodes used of types approved by the Committee? YES

FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar		
Shaft brackets		
Sternframe	X CASTING	A.AHLSTRÖM OY, KARHULA, FINLAND
Rudder mainpiece or post	X FORGING	LOKOMO OY, TAMPERE, FINLAND.
Rudder head	X FORGING Casting	WÄRTSILÄ KONCERNEN A/B, DALSBROK, FINLAND.
Quadrant	-	
Tiller	CASTING	

GENERAL PARTICULARS

Steering gear (Type & Maker) ELEC./HYDR., ATLAS WERKE BREMEN. X Auxiliary steering gear TWO PUMPS AND TWO MOTORS.
Steering chains (Size & test) - Windlass (Type & Maker) ELECTRIC, THOMAS B. THRIGE.
Ceiling in holds (Material & thickness) PINE, 2 1/2" Are cargo battens fitted in holds? YES in 'tween decks? YES,
Parts of bottom plating on which cement or an approved composition is laid (if fitted):— CEMENT ON BOTTOM IN WAY OF NO 2 & 5 D.B. TANKS.
Particulars of composition (if any):—
Insulated cargo compartments (if any):—
Parts of structure of material other than steel (if any):— DECKHOUSE ON NAVIGATION BRIDGE DECK IS OF ALUMINIUM ALLOY.
If mechanical ventilation is fitted, state in which cargo spaces:— MECHANICAL VENTILATION SUPPLY TO ALL DRY CARGO SPACES.
If cathodic protection is fitted, state in which tanks:—



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Letter

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CHAIN CABLES

Certificate No.	Anchor	Weight of Anchor Kgs	Weight of Stock (if any)	Test per Certificate Kgs	Rule weight	Description of Anchor	Where and when tested
7807	Bower (1)	3140	-	50,115	3120	CAST STEEL	KARHULA
7808	„ (2)	3140	-	50,115	3120	BRITTANIC	FINLAND
7806	„ (3)	3115	-	49,840	3120	TYPE	12/9/60.
	Coll. wt.	9395			9360		
7919	Stream	839	-	18,177	-	C.S.HALL TYPE	KARHULA, 24/11/60.

accept without LACP

[illegible]

CAST STEEL ANCHOR HEAD DROP TEST

[illegible]

Moulded length (see Key to Register Book) 386' - 5" Moulded breadth 54' - 6" Moulded depth 23' - 9" to M.Dk.

Length of Poop 78'-10 $\frac{3}{4}$ " R.Q.D. - Bridge - Fo'cle 48'-9" Trunk -

Overall length 416' - 0" Extreme breadth 54' - 8" Rise of floor 1 ⁹/₁₆"

Is ship of O.S.D. Type? ALT.O.S.D./C.S.D. Is ship of C.S.D. Type? Completed Is duct keel fitted? No.

Is longitudinal framing fitted? (state where)..... **Yes. At Bottom.**

Is strengthening for navigation in ice fitted? (state class) No. *Salsumbe letter 13/60*

Is additional strengthening for heavy cargoes fitted? No.

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel?.....**MOTORSHIP.**

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? YES and if so state where, together with the flash point where required

to be inserted in the notation:— MIDSHIP AND FORWARD DEEP TANKS.

Watertight and/or Oiltight Bulkheads (state number required by Rules) 8 (6)

Bulkheads in ship extending to Upper deck on frame numbers:— 38, 66, 90, 122, 150, 154 (Coll.Bhd) Total = 6

Bulkheads in ship extending to deck below upper deck on frame numbers:—..... 9, 114 Total = 2

Is E.S.D. fitted? YES Is Radar fitted? YES Is Position Fixing Device fitted? NO

Is D.F. fitted?.....YES..... Is Gyro Compass fitted?.....YES..... Is Submarine Signalling apparatus fitted?.....NO.

NO.

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CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil)													
Double bottom tanks:—		No. 1	77.6	No. 2	163.9	No. 3	214.0	No. 4	256.7	No. 5	F.W. only	No. 6	O.F. only
		No. 7	L.O. only	No. 8	O.F. only	No. 9	—	No. 10	—	No. 11	—	No. 12	—
Fore peak tank		78.0	✓	After peak tank		85.8	✓	Midship deep tank		514.8	✓		
Deep tank aft		—		Deep tank fwd.		154.3	✓	Topside tanks		—			
Tanks at sides of tunnel		—		Tanks in way of tunnel		—		Deck tanks		—			
Side tanks		—		Wing tanks		—		Other tanks		COUNTER TANK, F.W. ONLY.			

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

SISTER SHIPS:	M.S. "GUANABARA", VALMET OY, YARD N° 200.	77.6
	M.S. "TODOS OS SANTOS", VALMET OY, YARD N° 201.	163.9
		214.0
	M.S. "TURIACU", VALMET OY, YARD N° 202.	256.7
		712.2

LIST OF APPROVED PLANS

1. MIDSHIP SECTION	15. FORWARD DEEP TANK
2. PROFILE AND DECKS	16. SHELTER DECK FORWARD
3. SHELL EXPANSION	17. —" —" AFT
4. STERNPOST	18. MAIN DECK
5. PUMPING ARRANGEMENT, AIR AND SOUNDING PIPES	19. RUDDER HEAD.
6. FORE PEAK AND CHAIN LOCKER	20. FORECASTLE DECK
7. AFTER PEAK	21. HEADS AND HEELS OF PILLARS
8. FRAMES AND BEAM KNEES	22. WEBS IN MOTOR ROOM
9. DOUBLE BOTTOM AFT	23. LONGITUDINAL BHDS. AND PILLARS IN HOLDS
10. —" —" FORWARD	24. POOP DECK
11. —" —" IN MACHINERY SPACE	25. BRIDGE DECK
12. WATERTIGHT BULKHEADS	26. BRACKETS UNDER MAIN DECK
13. RUDDER	27. BILGE AND TANK PIPING OUTSIDE
14. MIDSHIP DEEP TANK AND PUMP ROOM.	MACHINERY SPACE.

LIST OF "AS BUILT" PLANS

CERTIFICATES

	N°	Port	Date
1. MIDSHIP SECTION	STERNFRAME	7429	H:FORS 5.2.60
2. PROFILE AND DECKS.	RUDDER POST	S/c 175	TURKU 4.7.59
	RUDDER HEAD	S/c 351	TURKU 28.3.60
	STEERING GEAR	10282	BREMEN 8.2.60

SPECIAL FEATURES