

Rpt. 1

Port HELSINGFORS (HELSINKI)

No. 8048

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

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

Survey held at	11/5
CERTS RCD.	9/5
TO RPIS. DEPT.	29/5

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
Sam Lindby *Arvo Tuohi*
 Builder's Signature

FEES, etc.

Special Survey fee

Travelling expenses -

Late attendance fees -

Fees applied for Received

Classification Certificate to be sent to SURVEYORS, HELSINKI.

Date of issue 21 JUL 1961

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

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

"CARRYING VEGETABLE OIL IN MIDSHIP AND FORWARD DEEP TANKS".

"LONGITUDINAL FRAMING AT BOTTOM".

"ELECTRICALLY WELDED".

Signature *W.N.G. McCulloch*
 Surveyor(x) 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)

W. N. G. McCulloch
Algo (m)

Notes for Header 173

Noted for Header



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* in the case of Trawlers see Trawler Rules

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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:— HÜTTENWERK 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 <i>casting</i>	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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3 MAY 1961

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)

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
M.S. "TURIACU", VALMET OY, YARD N° 202.	214.0
	256.7
	<u>712.2</u>

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



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This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that... of the Society, which provide that... of the Society are properly executed it is to be... that the functions of the Society are properly executed... under any circumstances whatsoever to be held responsible for any... of its Committees in... of the Society...