

Rpt. 9

21 JAN 1957

Date of writing report 4-1-57

Received London

Port of Antwerp.

No. 21955

Survey held at Antwerp.

No. of visits 5.

First date 10-12-56. Last date 18-12-56

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 70679 Name S.S. "MONTE SAJA"
 Owners Naviera Aznar Soc. Anon. Managers -- Gross tons 5989 Date of build 1921 2
 Engines made do.- By Richardsons, Westgarth Mdb. Port of Registry Bilbao.
 Type T 3Cy.

No. of Main Engines 1 No. of Screws 1
 No. of Main Boilers 3 SB. W.P. 180 lb.
 No. of Aux./Donkey Boilers -- W.P. --

Records of Survey & Special Notations as per Register Book

Surveyed Afloat or in Dry Dock BOTH.
 Nature of Survey DCKG; TSCL; GENERAL EXAM.
 Was Damage Report issued? No Int. Cert.? yes;
 Last Report (For Head Office only)

Hull	Machinery
* 100 AI.	* LMC. 3.53
shelter deck with freeboard.	BS. 7.55
Dkg. 7.55	CL. 7.55N
(Dr) 7.47.Bbo. 12.53	

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers GOOD Wear Down of Stern Bushes RENOVED Oil Glands - Sea Connections -
 Fastenings GOOD Has Screwshaft/Tubeshaft been drawn? YES Date of Examination 17-12-56 Has Shaft been changed? No
 Has Shaft now fitted been previously used? - Has Shaft now examined/Atted a continuous liner? YES Approved oil gland? -

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
 1 Cyls., Covers, Pistons & Rods
 2 Valves & Gears
 3 Connecting Rods, Top Ends & Guides Side Centre
 4 Crankpins & Bearings Side Centre
 5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS
 6 Cyls., Covers, Pistons & Rods
 7 Connecting Rods & Top Ends
 8 Crankpins & Bearings
 9 Journals & Bearings
 10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS
 11 Cyls., Covers, Pistons & Rods
 12 Connecting Rods & Top Ends
 13 Crankpins & Bearings
 14 Journals & Bearings
 15 Levers

SCAVENGE BLOWERS
 17 SUPERCHARGERS
 MAIN TURBINES
 18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
 20 STEAM COMPRESSORS
 21 CLUTCHES & HYDRAULIC COUPLINGS
 22 REDUCTION GEARING
 23 THRUST BLOCKS, SHAFTS & BEARINGS
 24 INTERMEDIATE SHAFTS & BEARINGS
 25 HOLDING DOWN BOLTS & CHOCKS
 26 CONDENSERS (MAIN & AUX.)
 27 STEAM RE-HEATERS
 28 DE-SUPERHEATERS
 29 STOP & MANOEUVRING VALVES
 30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES
 Have Main Engines been tested working and manoeuvring?
 OPINION OF MACHINERY AND RECOMMENDATIONS *The machinery of this vessel, so far as now seen is in safe working condition and in our opinion eligible to remain as classed with great record of TSCL (2,56) now subject to renewal aft being specially examined before the end of DECEMBER 1957 and subject to main electrical cables from main switchboard aft being renewed as necessary at the special survey.*

Date of Committee THURSDAY 25 APR 1957
 Decision See Amended Pt.

John A. O. ...
 Engineer Surveyor to Lloyd's Register of Shipping



Use a survey also been held on ship. If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position).....
 33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....
 34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....
 35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....
 38 Independent Air Compressors, Coolers & Safety Devices.....
 39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....
 41 Oil Fuel Tanks (Not forming part of hull structure).....
 42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....
 44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a	Generators		l Generators & Governors GOOD.
b	Exciters		m Motors GOOD.
c	Air Coolers		n Switchboards & Fittings GOOD.
d	Motors		o Circuit Breakers GOOD.
e	Air Coolers		p Cables GOOD.
f	Control Gear, Cables, etc.		q Insulation Resistance GOOD.
g	Insulation Resistance		r Steering Gear Generators and Motors -
h	Insulating Oil Test		s Navigation Light Indicators GOOD.
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
 MAIN..... AUXILIARY, DONKEY or PRESS.....
 Superheaters.....
 Safety Valves.....
 Mountings, Doors & Fastenings.....
 Safety Valves Adjusted to { Sat.....
 { Spt.....
 Boiler Securing Arrangements.....
 Main Economisers..... Exhaust Gas Heated Economisers.....
 Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to.....
 Were Oil Burning System & Remote Controls examined working in accordance with Rules?..... Forced Circulating Pumps.....
 Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel.....

EXAMINATION & TESTING OF STEAM PIPES (State material)
 Main..... Auxiliary (over 3 in. bore).....
 Were Copper Pipes annealed?..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested?.....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

REPAIRS.
 † During the electrical survey it was observed that the main cables from switch board aft, through two decks were damaged and outer linings of cable torn and badly patched. This condition has been temporarily repaired, but it is recommended that the cables in question be renewed at the special survey.

† On examination of the screw shaft a slight flaw was noted at the forward end of keyway. This has now been cut out and the head of the keyway relieved as per previous instructions. The shaft afterwards "MAGNET FLUX" tested and found satisfactory. The owners have been requested to present the shaft for re-examination within the period of twelve months.

LEAVE THIS SPACE BLANK

Survey fees *1000*
 Damage fee.....
 Expenses... *450*

Date when A/c rendered *18-1-59*