

Rpt. 9

Date of writing report **25-6-62** Received London **CA012** No. **3312**  
Survey held at **SEVILLA** No. of visits **2** First date **19-6-62** Last date **20-6-62**

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. **17012** Name M.V. **JUPITER** Gross tons **4868** Date of build **8-1900**  
Owners **NAVIERA BILBAINA SA** Managers **BILBAO**

Engines made **1900** By **RANKIN AND BLACKMORE, GREENOCK** Type **T-3CY. 27 1/4" x 43 1/4" x 72" x 42"**

No. of Main Engines **1** No. of Screws **1** Records of Survey & Special Notations as per Register Book

No. of Main Boilers **2 SB** W.P. **180 lbs** Hull **+ 100 AT SS 4-58** Machinery **+ L MC ES 4-58**

No. of Aux./Donkey Boilers **1** W.P. **180 lbs** **DS 8-61** **MBS 3-61**

Surveyed Afloat or in Dry Dock **BOTH** **DR 3-57** **TSC 10-60**  
Nature of Survey **COMPL. MBS AND GEN EXAM.** **SPS 3-57**

Damage Report issued? **NO** Int. Cert. **YES** Last Report (For Head Office only)

Now

RECLASSIFIED 3-57 OF 3-57

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.

BOOKING Propellers **9000** Wear Down of Stern Blades **4.9 mm** Oil Glands **9000** Sea Connections **9000**

Fastenings **9000** Has Screwshaft/Tubeshaft been drawn? **NO** Date of Examination **NO** Has Shaft been changed? **NO**

Has Shaft now fitted been previously used? **NO** Has Shaft now examined/fitted a continuous liner? **NO** Approved oil gland? **NO**

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

16 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? **YES 9000**

OPINION OF MACHINERY AND RECOMMENDATIONS **The Builders and Machinery of this vessel so far as has been seen are in efficient condition and despite the wear and tear present, considered with full record of MBS 4-62 as previously recommended gave that the turbines on the Starboard Boiler have been dealt with. It is recommended that the owners propose to defer the Special Survey until April 1963 meets the Government consideration of the committee.**

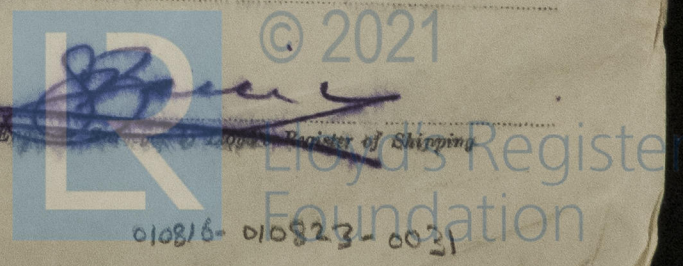
Date of Committee **MONDAY 23 JUL 1962**

Decision **Deferred for ES**

**Work assign MBS 4-62 without spl. ch.**

40m, 3.58 T. (MADE IN) PRINTED IN ENGLAND

If certificate is required state where to be sent





32 Essential Independent Pumps (Identify by position) .....

33 Rigs, 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 ENGINE** (Identify by position) .....

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators .....			1 Generators & Governors .....	
b Exciters .....			m Motors .....	
c Air Coolers .....			n Switchboards & Fittings ..... 4000	
d Motors .....			o Circuit Breakers ..... 9000	
e Air Coolers .....			p Cables ..... 9000	
f Control Gear, Cables, etc. ....			q Insulation Resistance ..... 9000	
g Insulation Resistance .....			r Steering Gear Generators and Motors .....	
h Insulating Oil Test .....			s Navigation Light Indicators .....	
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)

Standard Boiler Tube Stoppers removed and defective Tubes (15) removed with approved material. Boiler examined under Organic Test and found satisfactory.

The full requirements of a General Examination of the Machinery in accordance with Circular No 1959 carried out and found satisfactory.

Class  
to submit to: - Slipstream taken in starts. boiler was dull with  
by recd. S.S.  
ES (du 4/62) Postponed for period to 2.2.62. approved 17/6/62  
provided G.E. held.  
G.E. was held. MBS (du 3/62) commenced 4/62 &  
was completed. Repairs.  
S.S. above will be with 2.2.62 selected.

It is submitted that this vessel is eligible for THE RECORD MBS. 4/62 without condition. It is further submitted that postponement of ES until 4/63 merits approval. 18/7/62

Survey fee MBS PTS 1000  
GENERAL EXAMINATION PTS 3000  
Damage fee .....  
Expenses ..... PTS 49  
SUBSISTENCE PTS 210  
Date when A/c rendered 30-6-62