

Rpt. 9

Date of writing report 17.3.61. Received London Liverpool No. 156324
Survey held at Liverpool. No. of visits 7 First date 19.1.61. Last date 17.3.61.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 54692 S.S. Name "BRATMAR CASTLE" Gross tons 17029 Date of build 1952 11
Owners Union-Castle Mail S.S. Co. Ltd. Managers -- Port of Registry London
Survey made 1952 By Harland & Wolff Ltd. Type 6 steam turbs. DR geared to 2 sc. shafts.

Records of Survey & Special Notations as per Register Book

No. of Main Engines 2 No. of Screws 2
of Main Boilers 3 WTB W.P. 4951b Spt. 4851b
of Aux./Donkey Boilers 2db W.P. 1001b
Kept Afloat or in Dry Dock Afloat
Date of Survey C.S. and Commencement M.B.S.
Damage Report issued? No Int. Cert.? Yes
Report (For Head Office only)

Hull		Machinery	
*100A1	10,60	*LMC	CS 1,57
SS	10,56	BS	M 12,59
			d 5,60
		TS	CLp&s 7,59
		s.p.s.	1,59
			OF11/52

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 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.

HOOKING Propellers Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft Tubeshaft been drawn? Date of Examination Has Shaft been changed?

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip Steam or Turbine) PORT STARBOARD

Cyls., Covers, Pistons & Rods

Valves & Gears

Connecting Rods, Top Ends & Guides { Side
Centre

Crankpins & Bearings { Side
Centre

Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Lever

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS Good Good

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is eligible in my opinion to remain as classed with fresh record of C.S. 3,61 (now) and M.B.S. 3,61 when the survey has been completed, subject to the port main condenser inboard water box door being re-examined by 10,61 (previously recommended.)

Date of Committee LIVERPOOL 5 APR 1961
Decision Deferred for comp mbs but record CS 361 subject

Noted for Header

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P.H. Ferri. W. Jewell
Engineer Surveyor to Lloyd's Register of Shipping
Lloyd's Register Foundation
004564-004572-0255

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 Good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes - Good

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 F.W. Good 43 Have Evaporator Safety Valves been tested under steam? Yes

44 Steering Machinery 45 Windlass 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position)

ELECTRICAL EQUIPMENT

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN Port 20.1.61. Good AUXILIARY, DONKEY or PRESS

Superheaters Port - Good

Safety Valves Port - Good

Mountings, Doors & Fastenings Port - Good

Safety Valves Adjusted to { Sat. Not adjusted

{ Spt. Not adjusted

Boiler Securing Arrangements Port - Good

~~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? No Forced Circulating Pumps X

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Efficient

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)

To complete the M.B.S. the centre & starbd. boilers remain to be examined throughout, all the main boilers (i.e. 3) safety valves to be adjusted under steam, and the oil burning and remote controls to examine & try.

S.R.L. Regarding the water box on port main condenser.

Nothing done at this time.

The fire extinguishing arrangements in the engine and boiler room spaces now augmented by fitting a battery of CO₂ bottles (67) which can be utilized in the above spaces.

Alterations to Electrical Installation.

The new installation connected with the air conditioning plant was surveyed during installation and on completion tested under working conditions and found to be in order. So far as could be seen the installation is in accordance with the approved plans.

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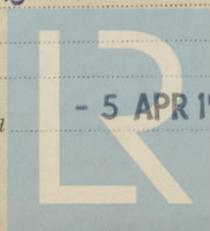
Completion C.S. Survey fees £ 10-0-0 (incl. 11/5/61 gal)

Commencement MBS. £ 14-0-0

Elect' modification Damage fee £ 25-0-0

Expenses .. £ 1-10-0

Date when A/c rendered



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- 5 APR 1961

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