

Rpt. 9

Date of writing report 10th Aug. 1960.

Received London

Port CARDIFF

No. 61199

Survey held at BARRY

No. of visits 11

First date 21st July

Last date 10th Aug. 1960.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 83543 Name ~~XXX~~ S.S. "TINTERN ABBEY" now named "BEATRICE" Gross tons 2471 Date of build 5 - 1939

Owners Abbey Line Ltd. Managers Frederick Jones & Co. Port of Registry Cardiff

Engines made 1939 By Gen. Mar. Eng. Wks., Hartlepool Type T 3Cy.

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. 200 lb.

No. of ~~XXX~~ Donkey Boilers 1db W.P. 100 lb.

Surveyed Afloat or in Dry Dock Both

Nature of Survey Dkg. Gen. Examn. MBS. TS.

Was Damage Report issued? No Int. Cert. Yes

Last Report (For Head Office only)

Hull	Machinery
100 A1	LMC
DS 5-57	ES 4-56
SS 4-56	M 5-57 nd 4-56 d 5-57
	CL 9-56
	SPS 4-56
	ndb 56 -100 lb. ND.

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 Propeller ~~X~~ Good Wear Down of Stern Bushes .100" Oil Glands None Sea Connections Good  
 Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 25.7.60. Has Shaft been changed? No  
 Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? No

MAIN ENGINES (Recip. Steam ~~XXX~~) 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 & MANŒUVRING VALVES
- 30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is in good order and eligible in our opinion to remain as classed with fresh record of MBS 8-60 and TS-CL 8-60 now.

NOTE - The survey of the donkey boiler is overdue but it has been deferred on the understanding that the donkey boiler will not be used.

Date of Committee TUESDAY 13 SEP 1960

Decision Deferred for ES (Subject)

Noted for Header

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 Jackson J. Taylor  
 Engineer Surveyor to Lloyd's Register of Shipping



If so, is the Report sent non, or when until 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
b	Exciters		
c	Air Coolers		m Motors
d	Motors		n Switchboards & Fittings
e	Air Coolers		o Circuit Breakers
f	Control Gear, Cables, etc.		p Cables
g	Insulation Resistance		q Insulation Resistance
h	Insulating Oil Test		r Steering Gear Generators and Motors
i	Overspeed Governors		s Navigation Light Indicators
j	Magnetic Couplings		
k	Air Gap		

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

MAIN Port & Starbd. 21.7.60. Good AUXILIARY, DONKEY or PRESS .....

Superheaters .....

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 200 lb/sq. in.  
Spt. Good

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 Good

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)

General Examination

Main and auxiliary machinery examined, as far as practicable, and under working conditions.

General pumping and piping arrangements examined and all found or placed in good condition.

Electrical installation examined and insulation resistance measured and found or placed in good condition. It is therefore submitted that Owners' request for postponement (6 mos.) of special survey may merit the favourable consideration of the Committee.

(See London letter Classn (S) dated 18th July, 1960).

The Owners state that they do not intend using the Donkey Boiler and that it will be removed ashore when the vessel arrives at Italy.

The following items of machinery were opened up for examination and all found in good order:-

Main engine HP cylinder, cover and piston.

Main engine HP & LP valves.

Main condenser (tested).

Wear and tear repairs effected to electrical installation.

LEAVE THIS SPACE BLANK

Survey fees Gen. Examn. £15. 0. 0.  
MBS. £16. 0. 0.  
TS. £ 5. 0. 0.

Damage fee ... ..

Expenses... .. £6. 1. 6.

Date when A/c rendered 11.8.60