

Rpt. 9

Date of writing report 10th Aug. 1960.

Survey held at BARRY

Received London

No. of visits 11

Port CARDIFF

No. 61199

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
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)

Records of Survey & Special Notations as per Register Book

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

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

TS 8.60, MBS 8.60.

Engineer Surveyor to Lloyd's Register of Shipping

009682-009688-0144

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).....

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

Boiler Securing Arrangements..... 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?..... 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.

Survey fees Gen. Examn. £15. 0. 0.

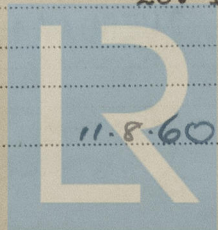
MBS. £16. 0. 0.

TS. £ 5. 0. 0.

Damage fee ...

Expenses... £6. 1. 6.

Date when A/c rendered. 11.8.60



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