

Rpt. 9

Date of writing report 17th June, 1957

Received London

28 JUN 1957

Port CARDIFF.

No.

60146

Survey held at BARRY

No. of visits 10

First date 10th April

Last date 21st May, 1957

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 80579 Name S.S. "TINTERN ABBEY" Gross tons 2471 Date of built 1939 - 5  
Owners Abbey Line, Ltd. Managers Frederick Jones & Co. Port of Registry Cardiff  
Engines made 1939 By Cen Mar Eng. Works. Type T3 Cy.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 W.P. 200 lb  
No. of Aux./Donkey Boilers 1 W.P. 100 lb.  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey Docking M.B.S. & Rprs.  
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 Al	LMC.
9,56	4,56
s.s.Bry. 4,56	M. 4,56
	4,56
	C.L. 9,56
	sps. 4,56

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 3/32" Oil Glands Sea Connections  
Fastenings Good Has Screwshaft/Tubeshaft been drawn? No 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) 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?

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this ship, as now seen, is in order and safe working condition and eligible in my opinion to remain as classed with record of MBS (Main Boiler Survey) 5,57 & without conditions concerning the propeller, and with record of DBS (Donkey Boiler Survey) 5-57.

Date of Committee

TUESDAY 23 JUL 1957

Decision

As was without sp. condition

MBS 5,57

DBS 5,57

30m. 6,55. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

Engine Surveyor to Lloyd's Register of Shipping  
Lloyd's Register Foundation

009682-009688-0167



32 Essential Independent Pumps (Identify by position) Boiler feed pump (p.s. E.R.) New. Good

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			1 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			
j Magnetic Couplings			
k Air Gap			

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

MAIN Both boilers - Good 24.4.57 AUXILIARY, DONKEY ~~EXPRESS~~ See below - Good 14.5.57.

Superheaters Good Good

Safety Valves Good Good

Mountings, Doors & Fastenings Good Good

Safety Valves Adjusted to { Sat. 200 lbs./sq. in. 100 lbs./sq. in.

Spt.

Boiler Securing Arrangements Good 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)

Wear and Tear Repairs:- New boiler feed pump fitted in place of existing pump (7"x 5"x 8" Lamont.) Stamped Lloyds Test 450 lbs/sq. in. 10.5.56, No. 26189 JC. (water end) Lloyds Test 360 lbs/sq. in. 10.5.56 No. 26189 JC. (steam end) Examined running under working conditions and found in order.

Main boilers:- Minor repairs carried out.

Donkey boiler removed from ship and sent to Makers (Cochrane & Co. Annan Ltd) for renewing of furnace, and refitted. (See Glasgow Certificate C.37900 attached) All boiler mountings removed from boiler, examined, found in order and refitted to boiler. The furnace of this boiler had collapsed under steam on 3rd Dec. 1956 and is attributed to negligence by the ship's Engineers.

Condition 'A' Bronze propeller removed, sent to Manganese Bronze & Brass Co. Ltd., reconditioned and refitted. Reference to propeller may now be deleted.

Survey fees MB.S. 16. 0. 0. DBS 7. 0. 0.

Damage fee 1. 17. 6. Expenses...

Date when A/c rendered 24 June 1954

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