

WRECK
SECTION
No 789
29 NOV 1960

Rpt. 9

Date of writing report 7.11.60.

Received London 25 NOV 1960

Port LONDON

143801

Survey held at LONDON

No. of visits 5

First date 25.10.60. Last date 31.10.60.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 58743 S.S. "DOMINION MONARCH" Gross tons 26463 Date of build 1-1939
Owners Shaw Savill & Albion Co. Ltd. Managers Port of Registry Southampton
Engines made 1939 By Swan Hunter Wigham & Richardson Type 2SA each 5cy. Doxford.
No. of Main Engines 4 No. of Screws 4
Records of Survey & Special Notations as per Register Book

No. of Main Boilers 7 W.P.

No. of Aux. Boilers 4 W.P. 100lb

Surveyed Afloat or in Dry Dock afloat

Nature of Survey CS

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull		Machinery	
+100A1	with fbd 6.60.	+LMC	CS 6.60.
SS (P)	6.60.	ABS	1.60.
		SPS	5.57.
		TSCL P.F.	6.60.
		P.A.	11.58.
		S.F.	2.58.
		S.A.	11.58.

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 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 I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides

4 Crankpins & Bearings

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 eligible in my opinion to remain as classed with fresh record of CS (with date) when the survey has been completed ABS 10.60. as previously recommended when the port oil fired and starboard waste heat boilers have been examined in their entirety with safety valves and mountings and their safety valves adjusted under steam, subject to any outstanding conditions of class being dealt with as previously recommended.

TUESDAY - 6 DEC 1960

Date of Committee

Decision

As above, Subject

50m.4.59 T. (MADE AND PRINTED IN ENGLAND)

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W.G. Brown's Register
Foundation
W.G. BROWN.

002947-002955-0168

Starboard main lubricating oil pump - Good
Centre piston and jacket C.W. pump - Good
Emergency fire and bilge pump - Good Starboard (outboard) O.F. transfer pump - Good
Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
Fresh Water Coolers Lub. Oil Coolers Heaters (state service)
Independent Air Compressors, Coolers & Safety Devices Starboard-Good Emergency (petrol driven) Good
Air Receivers & Safety devices—Main Auxiliary
Oil Fuel Tanks (Not forming part of hull structure)
Evaporators Have Evaporator Safety Valves been tested under steam? Forward 15lbs/sq.in.
Steering Machinery Port pressure pump Windlass 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			
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. Port waste heat and starboard oil fired 100lbs/sq.in.
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? Yes 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)
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)
Minor wear and tear repairs effected.

At the Owners request the starboard oil fired boiler safety valves were adjusted under steam on account of opening up the valves for a Ministry of Transport survey.

LEAVE THIS SPACE BLANK

Survey fees CS £18.0.0
Damage fee
Expenses .. 17.6.

Date when A/c rendered 22 NOV 1960