

WRECK SECTION No. 789
29 NOV 1960

Rpt. 9

Date of writing report 7.11.60.
Survey held at LONDON

Received London 25 NOV 1960
No. of visits 5

Port LONDON
First date 25.10.60. Last date 31.10.60.

143801

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

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

36072 - Ant -

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 { 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 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



© 2020

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

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 Starboard-Good Emergency (petrol driven) Good

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? Forward 15lbs/sq.in.

44 Steering Machinery Port pressure pump 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			
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



© 2020

Lloyd's Register Foundation