

19 MAY 1962

147 230

of writing report 4.5.62
held at LONDON

Received London
No. of visits 4

Port LONDON
First date 27.4.62 Last date 3.5.62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

In R.B. 08836 Name M.V. "DOMINION MONARCH", Gross tons 26463 Date of build 1-1939
Shaw Savill & Albion Co. Ltd., Managers Port of Registry Southampton
Lines made 1939 By 2 by Swan Hunter & Wghm. Rehdn Nwc. Type 4 Oil. Eng. 2SA. each, 5Cy. 785x2250
& 2 by WM. Doxford & Sons Ltd., Sld.
of Main Engines 4 No. of Screws 4
Records of Survey & Special Notations as per Register Book

of Main Boilers - W.P. -
of Aux. Donkey Boilers 4 W.P. 100 lb.
veyed Afloat or in Dry Dock Afloat
ure of Survey CS. Completion ABS & Cond of
Damage Report issued? - Int. Cert. Yes Class
Report (For Head Office only)

Hull	Machinery
+ 100 Al. with freeboard	+ LMC. CS. 6.60.
SS. (P) 6.60.	ABS. 10.60.
DS. 3.61.	TSCL. pf 6.60. pa 11.58. sf. 2.58. sa. 11.58.
Lloyd's RMC.	

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 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.

LOCKING 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
Cyls., Covers, Pistons & Rods			
Valves & Gears			
Connecting Rods, Top Ends & Guides	Side		
	Centre		
Crankpins & Bearings	Side		
	Centre		
Journals & Bearings			

MAIN ENGINE DRIVEN AIR COMPRESSORS	PORT		STARBOARD
Cyls., Covers, Pistons & Rods			
Connecting Rods & Top Ends			
Crankpins & Bearings			
Journals & Bearings			
Coolers & Safety Devices			

MAIN ENGINE DRIVEN SCAVENGE PUMPS	PORT		STARBOARD
Cyls., Covers, Pistons & Rods			
Connecting Rods & Top Ends			
Crankpins & Bearings			
Journals & Bearings			
Covers			

SCAVENGE BLOWERS	PORT		STARBOARD
OVERCHARGERS			

MAIN TURBINES	PORT		STARBOARD
Casings, Rotors, Blading, Bearings & Thrusts			

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)	PORT		STARBOARD
TEAM COMPRESSORS			

CLUTCHES & HYDRAULIC COUPLINGS	PORT		STARBOARD
REDUCTION GEARING			

THRUST BLOCKS, SHAFTS & BEARINGS	PORT		STARBOARD
INTERMEDIATE SHAFTS & BEARINGS			

HOLDING DOWN BOLTS & CHOCKS	PORT		STARBOARD
CONDENSERS (MAIN & AUX.)			

TEAM RE-HEATERS	PORT		STARBOARD
E-SUPERHEATERS			

PROP & MANOEUVRING VALVES	PORT		STARBOARD
MAIN ENGINE DRIVEN PUMPS			

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES	PORT		STARBOARD
Have Main Engines been tested working and manoeuvring? Yes			

UNION OF MACHINERY AND RECOMMENDATIONS. The machinery of this ship, so far as now seen, is in good condition & eligible in my opinion to remain as classed with fresh record of C.S. (with the) when the survey has been completed and ABS.3.61. now, as previously recommended, subject to the after Weir feed pumpwater end being again specially examined by the end of December, 1962, repairs to the fracture in the fabricated 'A' frame between the starboard outer Main Engine No. 3. unit & scavenge pump crankcase being again specially examined by the end of December, 1962, the starboard Main Air Compressor entablature block being again specially examined by the end of December, 1962 and the port inner Generator Engine "Generator", repair being again specially examined by the end of December, 1962 subject to any outstanding conditions of class being dealt with as previously recommended.

Date of Committee
Decision
FRIDAY 25 MAY 1962
Subject: T.S. & ABS 3.61

Noted for Header

Lloyd's Register Foundation
R.G.R. MIDFORD.
Engineer Surveyor to Lloyd's Register of Shipping

002 147-002955-0200

Essential Independent Pumps (Identify by position)

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes

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) Centre diesel generator engine in its entirety

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	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 & PEES: Port Oil fired (27.4.62) - Good
Starboard waste heat (30.4.62) - Good

Superheaters

Safety Valves Port oil fired & starbd waste heat-both Good

Mountings, Doors & Fastenings Port oil fired & stbd waste heat - both Good

Safety Valves Adjusted to { Sat. Port oil fired - 0.5lb/sq" Starbd waste heat-10lb/s
Spt.

Boiler Securing Arrangements Port oil fired & starbd waste heat - both - 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? Yes Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Efficient

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)

Condition of Class (1) "Metallock" repairs to the after Wain feed pump water end being specially examined by 1.62, (2) repairs to fracture in fabricated 'A' frame between the starbd outer main engine No. 3. unit and scavenge pump crankcase being specially examined by 3.62, (3) the starbd main air compressor entabliture block being specially examined or renewed by 5.62, and (4) the port inner generator engine "Metallock" repair being specially examined by 8.62.

Condition of Class - Now Done All the above (four) conditions of class specially examined and found to continue efficient.

Recommendation. It is recommended that all the above (four) condition of class be again specially examined by the end of December, 1962 & in the meantime considered efficient. Owners advised.

In accordance with instructions contained in Head Office letter dated 16th, March, 1962, and London Office letter dated 6th, March, 1962 the following examination of machinery (additional to

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Survey fees CS & GE 221.0.0.
Comp. A.B.S. & SIA 0.0.0.

Damage fee

Expenses... 16.0.0.

Date when A/c rendered 16 MAY 1962

105

147230

18 MAY 1962

"DOMINION MONARCH"

Continuation of Report No. 9 dated

of LONDON

parts stated above) has been effected:

Main Engines examined generally and tested working & manoeuvring and found satisfactory.

Auxiliary Engines examined generally and tested under working conditions and found satisfactory. Auxiliary electrical equipment examined generally and megger tested and found in good order.

Surveyor to Lloyd's Register,
of Slipping.

R.G.R. Midford
R.G.R. MIDFORD.

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