

Rpt. 9

CHECK SECTION  
No. 752  
11 APR 1961

Date of writing report 27.3.61 Received London 27.3.61 Port LONDON No. 144659  
Survey held at TILBURY No. of visits 3 First date 16.3.61 Last date 27.3.61

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 81782 T.S.S. Name "STRATHAIRD" Gross tons 22568 Date of build 1-1932  
Owners P. & O. Steam Nav. Co. Managers Port of Registry London  
Engines made 1932 By Vickers-Armstrongs Ltd., Barrow. Type 2 stn. turbines connected to elec. motors & sc. shafts.  
No. of Main Engines No. of Screws  
Records of Survey & Special Notations as per Register Book

No. of Main Boilers 4 WT. W.P. 425lb. Sat.  
No. of Aux./D/E Boilers 2 WT W.P. 405lb. Supt.  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey A.B.S.  
Was Damage Report issued? No Int. Cert.? Yes.  
Last Report (For Head Office only)

Hull	Machinery
*100A1 with fbd. 12-60	*LMC. CS. 6-60
S.S.(P)(Dr) 5-56	MBS. 6-60
(P) 6-60	ABS. 2-60
	TS.CL. p. 12-60
	s. 6-60
Fitted for O.F. 1/32.	SPS. 8-56

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 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
- Cyls., Covers, Pistons & Rods
  - Connecting Rods & Top Ends
  - Crankpins & Bearings
  - Journals & Bearings
  - Coolers & Safety Devices
- MAIN ENGINE DRIVEN SCAVENGE PUMPS
- Cyls., Covers, Pistons & Rods
  - Connecting Rods & Top Ends
  - Crankpins & Bearings
  - Journals & Bearings
  - Levers
- SCAVENGE BLOWERS
- SUPERCHARGERS
- MAIN TURBINES
- Casings, Rotors, Blading, Bearings & Thrusts
- EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- STEAM COMPRESSORS
  - CLUTCHES & HYDRAULIC COUPLINGS
  - REDUCTION GEARING
  - THRUST BLOCKS, SHAFTS & BEARINGS
  - INTERMEDIATE SHAFTS & BEARINGS
  - HOLDING DOWN BOLTS & CHOCKS
  - CONDENSERS (MAIN & AUX.)
  - STEAM RE-HEATERS
  - DE-SUPERHEATERS
  - STOP & MANOEUVRING VALVES
  - MAIN ENGINE DRIVEN PUMPS
- 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 A.B.S. 3-61.

Date of Committee THURSDAY 20 APR 1961  
Decision ABS 3.61



003659-003670-0008

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

CD

Noted for Header

- 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).....

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
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 & PRESS~~ Port forward 20.3.61  
 Starbd. forward. 20.3.61

Superheaters..... Good  
 Safety Valves..... Good  
 Mountings, Doors & Fastenings..... Good  
 Safety Valves Adjusted to { Sat. 425lbs/sq.in.  
 { Spt. 405lbs/sq.in.  
 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? 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)

Circular 2180. Auxiliary steam pipes of steel over 3 inch bore supply steam for essential services.

Abs. due defect, not held.  
 It is submitted that this vessel is eligible for THE RECORD ABS 3/61.  
 18/4/61

LEAVE THIS SPACE BLANK

Survey fees A.B.S. £24.0.0.

Damage fee .....

Expenses... £1.1.0.

Date when A/c rendered 6 APR 1961

