

Rpt. 9

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. "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. 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, Side  
Top Ends & Guides 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 & MANŒUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

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

Decision

THURSDAY 20 APR 1961

ABS 3.61



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)

ELECTRICAL EQUIPMENT	
PROPULSION	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 & 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 2/6/61, not held.
It is submitted that this vessel is eligible for THE RECORD ABS 3/6/61.
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

