

Rpt. 9

Date of writing report 28.1.59.

Received London

19 FEB 1959

Port Hong Kong

No. 14695

Survey held at Hong Kong

No. of visits 2

First date 16.1.59.

Last date 24.1.59.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 80061 Name "SOUTH BIRCH" Gross tons 5191 Date of build 10-1929

Owners Birth Steamship Co. Ltd. Managers Wheelock, Marden & Co. Ltd. Port of Registry Hong Kong

Engines made 1929 By D. Rowan & Co. Ltd. Gls. Type

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 DB W.P. 200 lb.

No. of ~~W.P.~~/Donkey Boilers 1 W.P. 120 lb.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey G.E. and Comp.D.B.S.

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
+100A1	6,58	+LMC	8,54
ssHam(Dr.)	9,54	MBS	6,58
		DBS	5,57
		TS CL	4,57
		SPS	9,54

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? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel, so far as now seen, is in satisfactory condition and eligible, in my opinion, to be retained as classed with fresh record of D.B.S. 8,58 (previously recommended).

Date of Committee TUESDAY 4 FEB 1959

Decision Deferred for ES
but align DBS & 58

40m,4,57. T. (MADE AND PRINTED IN ENGLAND.)

Noted
for
Header

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James A. Anderson
Engineer Surveyor to Lloyd's Register of Shipping
Foundation

005453.005461-0145

Has a Survey also been held on Ship?

If so, is the Report sent now, or when will it be sent?

Yes

Now

If certificate is required state where to be sent

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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various auxiliary equipment items like Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, Insulation Resistance, Steering Gear Generators and Motors, and Navigation Light Indicators.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to Sat. 120 lbs.
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?
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)
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)

General Examination :-

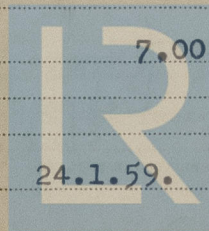
Main & Auxiliary machinery examined under working conditions and found satisfactory.

LEAVE THIS SPACE BLANK

Survey fees G.E. \$320.00

Damage fee
Expenses... 7.00

Date when A/c rendered 24.1.59.



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