

Rpt. 9

Date of writing report 9.5.59

Survey held at SINGAPORE

Received London

No. of visits 4

Port SINGAPORE

First date 8.4.59.

Last date 24. 4.59.

No. 13247

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 80949 S.S. Name M.V. "SUMMIT" I
 Owners COMPANIA MARITIMA CENTRAL S.A. Managers -
 Engines made 1941-9 By De Laval S. Turb Co.
 No. of Main Engines 1 No. of Screws 1
 No. of Main Boilers 2WTB W.P. 500 lb Spt. 465 lb
 No. of AUX./Donkey Boilers - W.P. -
 Gross tons 7875 Date of build 1941-9
 Port of Registry MONROVIA
 Type 2 steam turbines IR geared to sc.

Records of Survey & Special Notations as per Register Book

	Hull	Machinery
Surveysd Afloat or in Dry Dock	+100AL carrying petroleum in bulk.	+LMC 6,54
Nature of Survey	Dkg. 1,57	MBS 2,57
Was Damage Report issued? No Int. Cert. Yes	SS.N.Yk. 6,54	TSCL 11,55N
Last Report (For Head Office only)		Sps. 2,57

Mchy.aft. OF9/41

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.U.)

	PORT	STARBOARD
1 Cyls., Covers, Pistons & Rods		
2 Valves & Gears		
3 Connecting Rods, Top Ends & Guides		
4 Crankpins & Bearings		
5 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
- Lovers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

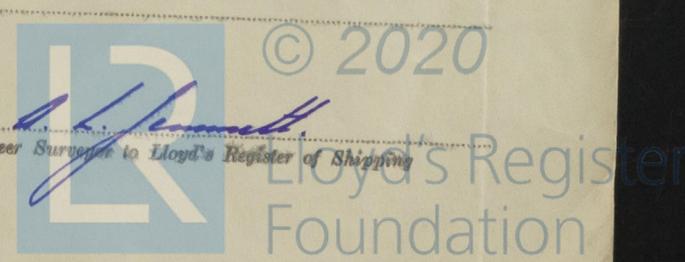
- Casings, Rotors, Blading, Bearings & Thrusts
- EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- STEAM COMPRESSORS
- CLUTCHES & HYDRAULIC COUPLINGS
- REDUCTION GEARING
- THRUST BLOCKS, SHAFTS & BEARINGS
- INTERMEDIATE SHAFTS & BEARINGS
- HOLDING DOWN BOLTS & CHOCKS
- CONDENSERS (MAIN & AUX.)
- STEAM RE-HEATERS
- DE-SUPERHEATERS
- STOP & MANOEUVRING VALVES
- MAIN ENGINE DRIVEN PUMPS
- CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS Have Main Engines been tested working and manoeuvring? Yes
 to remain as classed with fresh record of MBS 4,59. The machinery of this vessel in my opinion is eligible

Date of Committee THURSDAY 18 JUN 1959
 Decision MBS Deferred for FS & TS

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping



- 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	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 **Port (8. 4. 59) Good**

Starboard (8. 4. 59) Good

Superheaters **Good**

Safety Valves **Good**

Mountings, Doors & Fastenings **Good**

A 11 Safety Valves Adjusted to { Sat. **470 lbs/ "**

{ Spt. **450 lbs "**

Boiler Securing Arrangements **Good**

Were Oil Burning System & Remote Controls examined working in accordance with Rules? **Yes**

Funnel **Good**

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)

Repairs Wear and Tear :-

Port and Starboard Boilers:- Furnace brickwork in both boilers part rebuilt. Minor repairs to mountings. Induction Fan starboard impeller renewed (wasted and buckled) - Fan subsequently examined under normal working conditions with satisfactory results. Two (2) lengths of wasted deck steam piping to windlass repaired.

General Examination:- In accordance with London Letter dated 3rd March 1959.- Main and Auxiliary machinery, including steering gear and windlass, generally examined and subsequently under working conditions and found satisfactory. (Please see Rpt. 8 attached).

LEAVE THIS SPACE BLANK

Survey fees **MBS \$280**
Rps. 75

Damage fee

Expenses... **(See Rpt. 8)**

Date when A/c rendered **14/5/59**

