

Rpt. 9

19 DEC 1960

Date of writing report 7-12-60

Received London

Port SINGAPORE.

No. 14409

Survey held at SINGAPORE.

No. of visits One.

First date and Last date

7-12-60

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 79807 Name <sup>SKS</sup> M.V. "SENAT" Gross tons 522 Date of build 6-1945  
 Owners STRAITS S.S. CO. LTD. Managers - Port of Registry SINGAPORE.  
 Engines made 6-1945 By BRITISH POLAR ENGINES LTD. Type Oil Eng. 2SA 4Cy.

No. of Main Engines 1 No. of Screws 1  
 No. of Main Boilers - W.P. -  
 No. of Aux./Donkey Boilers - W.P. -

Records of Survey & Special Notations as per Register Book

Surveyed Afloat or in Dry Dock on Slipway.

Nature of Survey Dkg. & TS.

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

Last Report (For Head Office only)

Hull	Machinery
BS* with freeboard.	MBS* CS 4/58
Dkg. 5/60	TSOG 8/59
SS. 4/58	
Mchy Aft.	

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 See Report. Wear Down of Stern Bushes .034 Oil Glands Efficient. Sea Connections -

Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 7/2/60 Has Shaft been changed? No

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?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen is eligible in my opinion to remain as Classed with fresh record of TS (OG) 12,60 now.

TUESDAY 10 JAN 1961

Date of Committee

Decision

TS 12.60

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)



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Engineer Surveyor to Lloyd's Register of Shipping

Foundation

009674-009681-0068

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).....

		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		
	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 or PRESS.....

Superheaters.....

Safety Valves.....

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to { Sat.....  
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)

The vessel was placed on the slipway on account of propeller damage. The Owners decided to fit the spare propeller (4 bladed bronze re-conditioned; stamped P.63746 N9142 26/8/49 Lloyds No.282).

The fit of the propeller on the tailshaft was witnessed and found satisfactory

The tailshaft was drawn to facilitate the fitting of the spare propeller.

TSOG. am 8/62, no red,  
Docking, repairs.  
Spare propeller fitted.  
It is submitted that this  
vessel is eligible for THE  
RECORD TSOG. 12/60.  
WAS. 9/1/61.

LEAVE THIS SPACE BLANK

Survey fees TS(OG) \$45.

Damage fee .....

Expenses .....

Date when A/c rendered 8/12/60



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