

Rpt. 9

Date of writing report 27-10-58.

Survey held at Hong Kong.

Received London

No. of visits 1.

Port of HONG KONG.

No. 14476.

First date 24-9-58.

Last date 7-10-58.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 80254 S.S. "SPRINGBANK" now "NAN HAI 142"

Gross tons 7238 Date of build 1944.

Owners Canton Shipping Co.

Managers

Port of Registry

Engines made 1944. By General Machy. Corp.

Hamilton type

No. of Main Engines 1. No. of Screws 1. 250 lbs.

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 WT W.P. Spt 230 lbs.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both.

Nature of Survey D.S., T.S. & Reps.

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

Last Report (For Head Office only)

Hull	Machinery
100A1	LMC
SSH.Kg.	MBS
Classed	TS CL
	SPS

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 Propeller/ Good. Wear Down of Stern Bush 5/32" On Glands - Sea Connections  
Fastenings Good. Has Screwshaft Tube been drawn? Yes. Date of Examination 7-10-58 Has Shaft been changed? No.  
Has Shaft now fitted been previously used? - Has Shaft now examined/used a continuous liner? Yes. Approved oil gland? No.

MAIN ENGINES (Recip. Steam - 10 -) H.P. rod - Good.

- Cyls., Covers, Pistons & Rods All - Good.
- Valves & Gears All - Good.
- Connecting Rods, Top Ends & Guides All - Good.
- Crankpins & Bearings All - Good.
- Journals & Bearings All - Good.

## 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? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this ship, so far as now surveyed, is in good condition, and eligible, in our opinion, to remain as classed in the Register Book, with record of T.S. C.L. 10,58.

THURSDAY 27 NOV 1958

Date of Committee

Decision

As now

TS 10.58

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

Noted  
for  
Header

W. L. Whittle & J. Moar.  
J. L. V. Whittle & J. Moar.  
Engineers Surveyor to Lloyd's Register of Shipping

008541-008549-0026

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Lloyd's Register  
Foundation



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
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)

Repairs (Wear & Tear) :-

Now Done :-

All main bearing lower halves remetalled. Alignment of thrust couplings checked, and all found satisfactory.
H.P. crosshead and rod tapers machined and refitted.
H.P. guide shoe machined on both edges and brass wearing strips fitted.
H.P. piston rod metallic packing renewed.
Main Engine subsequently examined during a satisfactory dock trial.

LEAVE THIS SPACE BLANK

Survey fees T.S. \$120.00
Reps. 400.00

Damage fee
Expenses... \$56.00
S.F. \$62.50

Date when A/c rendered 7th October, 1958.