

Rpt. 9

Date of writing report 27 DEC. 1955.

Survey held at SINGAPORE

Received London

No. of visits 7

Port SINGAPORE

First date 7 NOV.

No. 11074.

Last date 25 NOV. 1955.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 20836 (S.S.) Name M.V. TW. SC. "NAN YANG"

Gross tons 667 Date of build 1931-5

Owners SOUTH OCEAN NAV. CO., LTD. Managers -

Port of Registry HONG KONG

Engines made 1931-5 By H. WIDDOP & CO., LTD.

Type OIL ENGS. 2, SA. G CYL. EACH.

No. of Main Engines TWO No. of Screws TWO

Records of Survey & Special Notations as per Register Book MN 276

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers ONE W.P. 160LB.

Surveyed Afloat or in Dry Dock BOTH

Nature of Survey DKG, TS, CS AND DBS, & G.E.

Was Damage Report issued? NO Int. Cert.? YES.

Last Report (For Head Office only)

Hull	Machinery
+ A1	+ LMC
For service between	CS 12,51
Saigon & Fushan.	d. 10,54
1,55.	TS(OA) p 35. 11,51
S.S. HKg.	12,51

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 GOOD Wear Down of Stern Bushes P. 945" S. 058" Oil Glands SP 9 NOV. '55 Sea Connections GOOD

Fastenings GOOD Has Screwshaft/Tubeshaft been drawn? YES Date of Examination 5 NOV. '55 Has Shaft been changed? NO

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? NO Approved oil gland? YES

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.) (TESTED) GOOD.

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 eligible in my opinion to remain as cleared with fresh Record of TS(OA) p 35 11,55 and DBS 11,55 now, and +LMC CS (with date) when the Survey has been completed.

Date of Committee

Decision

THURSDAY - 2 FEB 1956
DBS 11,55
Both S. 11,55

30m, 5,54. T.

Noted for Header

J. A. Booter
Engineer Surveyor to Lloyd's Register of Shipping
Lloyd's Register Foundation

010229-010235-0184

If certificate is required state where to be sent

9. 11074.

32 Essential Independent Pumps (Identify by position)..... D.K.Y. B.L.R. FEED PUMP.

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..... GOOD. 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

PROPULSION	PORT	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
		STARBOARD		
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) 9 NOV. 1955.

Superheaters.....

Safety Valves..... GOOD.

Mountings, Doors & Fastenings..... GOOD.

Safety Valves Adjusted to { Sat. 160 LB.
Spt.

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.....

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)

Please see London cable 17 Nov. 1955, etc:

GENERAL EXAMINATION: Main and aux. machinery generally examined as far as practicable without opening up (except as stated in this Rpt.) afterwards examined under working conditions and found satisfactory.

Electrical equipment generally examined; generators, switchboard fuses, fittings and cables examined. Insulation test carried out and installation found in satisfactory condition.

REPAIRS (WEAR & TEAR): Two blade tips failed on std. propeller.

Several sea valve spindles renewed.

LEAVE THIS SPACE BLANK

Survey fees TS \$80
DBS \$80
CS \$100

Damage fee ...

Expenses... \$10

Date when A/c rendered 29-12-55