

19 FEB 1962

Rpt. 9

Date of writing report 7-2-62. Survey held at SINGAPORE.

Received London No. of visits One

Port SINGAPORE. First date and Last date 7-2-62.

No. 15382

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 00292 Name M.V. "ADNA" Gross tons 9428 Date of build 11-1945. Owners HANSEN-TANGENS REDERI A/S. Managers YNGV. HANSEN-TANGEN. Port of Registry KRISTIANSAND. Engines made 11-1945. By BURMEISTER & WAIN. Type Oil Engine 4SA 70y. 740 x 1500mm. No. of Main Engines 1 No. of Screws 1 No. of Main Boilers - W.P. - No. of Aux./Donkey Boilers 2 Auxb. W.P. 180 lb. Surveyed Afloat or in Dry Dock Afloat Nature of Survey CS & Condition of Class. Was Damage Report issued? No Int. Cert.? Yes. Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Table with columns for Hull and Machinery. Hull: +100A1 oil tanker. Machinery: +LMC. Inspection dates: Dkg. 12/60, SS(Dr.) 11/57. Classification: CS 11/57, ABS 12/60, TSCL 2/60, sps 4/59.

16560 H Kg

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 No. 5 - Good. 2 Valves & Gears No. 5 - Good. 3 Connecting Rods, Top Ends & Guides Side Centre No. 5 - Good. 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

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now examined, is in safe working condition and eligible, in my opinion, to remain as Classed with fresh record of CS (with date) when the survey has been completed subject to Main Engine No. 4 cylinder cover (Metalock 2/61) being specially examined by 2/63 (12 mos). Have Main Engines been tested working and manoeuvring? No

ALSO FOR SPL FOR SRI POSTING HEADER CERT ACK NOTE WRITE OWNERS

Date of Committee Decision WEDNESDAY 28 FEB 1962 Deferea for eps (subject)



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

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			
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 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)

S.R.L. No. 186 "Main Engine No.4 cylinder cover (Metalock 2/61) to be specially examined by 3/62 (8 mos)".

No.4 cylinder cover specially examined at this time and whilst considered to remain efficient meantime, it is recommended it be again examined by end of February 1963 (12 mos).

*Alby*

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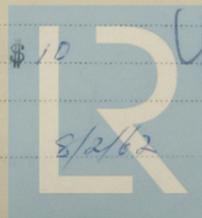
Survey fees CS. \$ 90.  
SRL. \$ 90. *93.*

Damage fee .....

Expenses .....

Launch Hire \$ 10

Date when A/c rendered *8/2/62*



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