

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

Hull	Machinery
+100A1 oil tanker.	+LMC
Dkg.	CS 11/57
SS(Dr).	ABS 12/60
	TSCL 2/60
	SPS 4/59

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 No. 5 - Good.  
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

SCAVENGE BLOWERS  
16  
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

Date of Committee Decision  
WEDNESDAY 28 FEB 1962  
Defence for CS (Subject)

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

© 2020 Lloyd's Register Foundation  
Engineer Surveyor to Lloyd's Register of Shipping  
002667-002673-0042

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

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
a Generators
b Exciters
c Air Coolers
d Motors
e Air Coolers
f Control Gear, Cables, etc.
g Insulation Resistance
h Insulating Oil Test
i Overspeed Governors
j Magnetic Couplings
k Air Gap
l Generators & Governors
m Motors
n Switchboards & Fittings
o Circuit Breakers
p Cables
q Insulation Resistance
r Steering Gear Generators and Motors
s Navigation Light Indicators

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).

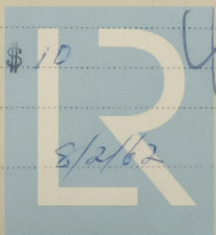
LEAVE THIS SPACE BLANK

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

Damage fee ...

Expenses ..
Launch Hire \$ 10

Date when A/c rendered 8/2/62



© 2020

Lloyd's Register Foundation