

Rpt. 9 J.H.F.

Date of writing report 2nd March, 1959

Survey held at ROTTERDAM

Received London

No. of visits ONE

Port ROTTERDAM

First date and

Last date 23-2-1959

46933

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 68329 Name S.S. "L A A G K E R K" Gross tons 7141 Date of build 1943-11
Owners N.V. Ver. Ned. Scheepv. Mij. Managers -- Port of Registry THE HAGUE
Engines made 1943 By Canadian Allis-Chalmers Ltd. Type T. 3 Cy. MN (628)
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 WTB W.P. 250 Lbs Spt 230 lbs.
HS (9704) No. of Aux./Donkey Boilers -- W.P. --
Surveyed Afloat or in Dry Dock afloat
Nature of Survey Compl. M.B.S.
Was Damage Report issued? NO Int. Cert.? attached
Last Report (For Head Office only) 45971 ROT

Records of Survey & Special Notations as per Register Book

| Hull | Machinery |
|-------------------------------------|--------------|
| 1000 Al with fbd. | L.M.C. 8-58 |
| Dock 4-58 | M.B.S. 4-57 |
| S.S. Rot. 8-54 | T.S. 4-57 CL |
| | S.p.s. 8-54 |
| Carrying vegetable oil in after DT. | O.F. 11-43 |

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
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 is eligible in my opinion to remain as classed with record of M.B.S. 4-58 as previously recommended, subject to the condition at present attached to the vessel's class being dealt with as previously recommended.

WEDNESDAY 1 APR 1959

Date of Committee

Decision

Noted for Header

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Engineer Surveyor to Lloyd's Register of Shipping
D. Kampman
Lloyd's Register Foundation

003282-003282-0171

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)

| PROPULSION | | ELECTRICAL EQUIPMENT | |
|------------------------------|-----------|---------------------------------------|--|
| 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. 250 lbs/sq.inch, starboard, good
Spt. 230 lbs/sq.inch, starboard, good
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? yes, good 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)

LEAVE THIS SPACE BLANK

21

Survey fees £1. 30,
Damage fee
Expenses... £. 3-
Date when A/c rendered 6-3-1959

