

Rpt. 9 /NP

Date of writing report 27.3.62

Received London

Port NEWCASTLE-ON-TYNE

No. 118756

Survey held at South Shields

No. of visits 3

First date 20.3.62

Last date 26.3.62

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 37289 S.S. "LUBEN KARAYEV" EX "WOOLWICH"

Gross tons 7669 Date of build 6/1955

Owners Navigation Maritime Bulgare

Managers

Port of Registry Varna

Engines made 1955 By A. Stephen &amp; Sons Ltd. Gl.

Type Daxford 4 cyl. 670 x 2320 m.m.

No. of Main Engines 1 No. of Screws 1

Records of Survey &amp; Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers 2 W.P. 150 lb./sq.in.

Surveyed Afloat or in Dry Dock Both

Nature of Survey Dkg. &amp; CS.

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

Last Report (For Head Office only)

Hull	Machinery
*100A1 SS 12/59	*LMC CS 12/59
	AB 12/61
	TSC 4/61

This 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 Bushes 3/16" Oil Glands Sea Connections

Fastenings Good Has Screwshaft Tubeshaft been drawn? No 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 &amp; Rods Nos. 3 &amp; 4 Good

2 Valves &amp; Gears Nos. 3 &amp; 4 Good

3 Connecting Rods, Side Nos. 3 &amp; 4 Good

Top Ends &amp; Guides Centre

4 Crankpins &amp; Bearings Side Nos. 3 &amp; 4 Good

Centre Nos. 3 &amp; 4 Good

5 Journals &amp; Bearings Nos. 4, 5 Good

## MAIN ENGINE DRIVEN AIR COMPRESSORS

1 Cyls., Covers, Pistons &amp; Rods

2 Connecting Rods &amp; Top Ends

3 Crankpins &amp; Bearings

4 Journals &amp; Bearings

5 Coolers &amp; Safety Devices

## MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons &amp; Rods

12 Connecting Rods &amp; Top Ends

13 Crankpins &amp; Bearings

14 Journals &amp; Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

## MAIN TURBINES

18 Casings, Rotors, Blading, Bearings &amp; Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES &amp; HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 TURBINE BLOCKS, SHAFTS &amp; BEARINGS Good

24 INTERMEDIATE SHAFTS &amp; BEARINGS Aft one Good

25 HOLDING DOWN BOLTS &amp; CHOCKS

26 CONDENSERS (MAIN &amp; AUX.)

27 STEAM RE-HEATERS

28 RE-SUPERHEATERS

29 STOP &amp; MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS &amp; 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 in efficient working condition, eligible in my opinion to remain as classed

Date of Committee

Decision

MONDAY 30 APR 1962

As now



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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, and AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various electrical components like Switchboards, Circuit Breakers, Cables, and Navigation Light Indicators.

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)
This vessel changed Ownership at this time and the new Owners requested the inspection by the Surveyor of part of the aft starboard oil engined generator comprising the opening up of Nos.4 & 6 units, also the Ford. starbd. oil engined generator opened Nos.2 & 5 units and the compressor end only of the aft compressor examined.

LEAVE THIS SPACE BLANK

Survey fees CS £15. 0. 0.
Damage fee
Expenses...

Handwritten signature

Date when A/c rendered

