

Rpt. 9

Date of writing report 8/2-57

Survey held at Sandefjord

B. C. Ship.

12 FEB 1957

Received London

Port Oslo

No. of visits three

First date 24/1-56

Last date 27/2-56

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 66744 S.S. "KOS 5" Gross tons 248 Date of build 7 - 1929
Owners A/S Kosmos Managers Anders Jahre & Co. A/S Port of Registry Sandefjord
Engines made 1929 By Smith's Dock Co. Ltd., S.Bank, Mdb. Type Steam Recip
No. of Main Engines One No. of Screws One
No. of Main Boilers 1 SB W.P. 200 lb.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat
Nature of Survey MBS, Blr.S. etc.
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
BS +	MBS + 5/51
Whaling purposes	Blr.S. 5/51
6/54	CL 6/54
S.S. W.By 4/50.	S.P. 5/51
Laid up - Surveys overdue.	Fitted for oil fuel.

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 ENGINE (Recip. Steam)

1 Cyls., Covers, Pistons & Rods good
2 Valves & Gears good
3 Connecting Rods, Top Ends & Guides good
4 Crankpins & Bearings good
5 Journals & Bearings good

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

SUPERCHARGERS

MAIN TURBINES

16 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS good

24 INTERMEDIATE SHAFTS & BEARINGS good

25 HOLDING DOWN BOLTS & CHOCKS good

26 CONDENSERS (MAIN & AUX.) good

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES good

30 MAIN ENGINE DRIVEN PUMPS good

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES -

Have Main Engines been tested working and manoeuvring? -

OPINION OF MACHINERY AND RECOMMENDATIONS

It is recommended that this vessel's machinery remain as classed, subject to the survey being completed before commissioning.

Date of Committee

Decision

50m, 8, 56. T. (MADE AND PRINTED IN ENGLAND.)

For L. Tveit & self

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

005029-005037-0045

32 Essential Independent Pumps (Identify by position) All, good

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)

ELECTRICAL EQUIPMENT	
PROPULSION	AUXILIARY EQUIPMENT
1 Generators	1 Generators & Governors
2 Exciters	
3 Air Coolers	m Motors
4 Motors	
5 Air Coolers	n Switchboards & Fittings
Control Gear, Cables, etc.	o Circuit Breakers
Insulation Resistance	p Cables
Insulating Oil Test	q Insulation Resistance
i Overspeed Governors	r Steering Gear Generators and Motors
j Magnetic Couplings	s Navigation Light Indicators
k Air Gap	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN 27/2/56, good AUXILIARY, DONKEY or PRESS -

Superheaters -

Safety Valves good

Mountings, Doors & Fastenings good

Safety Valves Adjusted to { Sat. -
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? - 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)

The main and auxiliary machinery and boiler mountings were overhauled.

The vessel has now been sold to Mr. E. Navdahl, Bergen. It is not known whether class will be maintained. The Bergen Surveyors have been asked to make enquiries regarding this.

The vessel is still laid up at Sandeffjord, but will be towed to Bergen this or next month.

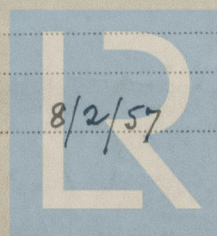
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Survey fees Kr. 400.-

Damage fee

Expenses... Kr. 70.-

Date when A/c rendered 8/2/57



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