

Rpt. 9

Date of writing report 25/9.1956

Survey held at Aalborg

Received London

27 SEP 1956

No. of visits

4

Port Copenhagen

No. 15920

First date 1st June

Last date 28th Aug. 1956

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 53601 Name M.V. "BERNY" (ex "BERGO") Gross tons 603.36 Date of build 3 - 1950  
Owners Rederi A/B Sally Managers Algot Johansson Port of Registry Mariehamn

Engines made 1950 By Mirrlees, Bockerton & Day, Ltd. Stockport Type oil eng. 6 cyl. 4SCSA

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers W.P.

No. of Aux./Donkey Boilers W.P.

Surveyed Afloat or in Dry Dock pontoon - afloat

Nature of Survey TS - reclassification

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

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 good Wear Down of Stern Bushes 1 mm Oil Glands good Sea Connections good

Fastenings good Has Screwshaft/Tubeshaft been drawn? yes Date of Examination 12-7-56 Has Shaft been changed? no

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 good

24 INTERMEDIATE SHAFTS & BEARINGS good

25 HOLDING DOWN BOLTS & CHOCKS good

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 in good condition and eligible in my opinion to be reclassified with the records of +LMC 8.56 and Tailshaft seen 7.56 OG.

Date of Committee

TUESDAY 6 - NOV 1956

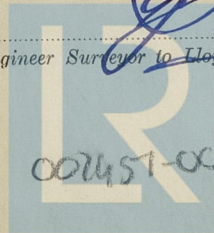
Decision

+LMC 8.56  
S 7.56

30m, 5.54. T.

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

If certificate is required state where to be sent Surveyors Office, Apsu.



32 Essential Independent Pumps (Identify by position) Stb. auc. engine driven ballast - lub. oil - and transfer pump and hand driven transfer pump: good
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls good
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes
35 Fresh Water Cooled 36 Lub. Oil Coolers good 37 Heaters (state service)
38 Independent Air Compressors, Coolers & Safety Devices good
39 Air Receivers & Safety devices—Main good 40 Auxiliary
41 Oil Fuel Tanks (Not forming part of hull structure) good
42 Evaporators 43 Have Evaporator Safety Valves been tested under head?
44 Steering Machinery good 45 Windlass good 46 Fire Extinguishing Arrangements good

AUXILIARY ENGINES (Identify by position)

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

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)

LEAVE THIS SPACE BLANK

Survey fees Kr. 420,00

Damage fee ...

Expenses... Kr. 160,00

Date when A/c rendered