

Rpt. 9 /E. 1 FEB 1958
Date of writing report 30th January, 1958.
Survey held at Jarrow

Received London

No. of visits 6

Port NEWCASTLE-ON-TYNE

First date 2.1.58.

Last date 14-1-58.

No. 115021

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03072 Name ~~SS~~ "BALTKON" EX "EMPIRE CONAVON" - 47. Gross tons 1570 Date of build 1922
Owners Woking Shipping Co. Ltd. Managers John Carlbom & Co. Ltd. Port of Registry HULL
Engines made 1922 By Nylands Verksted, Oslo. Type T 3 cy. 19", 31" & 51½" x 33"

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 S.B. W.P. 180lbs. N.D.

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

Surveyed Afloat or in Dry Dock AFLOAT

Nature of Survey M.B.S. & S.R.L.

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
100 A.L.	L.M.C.
S.S. Nwc. 1.57	E.S. 1.57
(Dr) 3.48	M.B.S. 1.57
Dkg. 12.56	T.S.(CL). 12.54
	s.p.s. 1.57

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 of complete Special Survey 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

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

3 Crankpins & Bearings

4 Journals & Bearings

5 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 so far as now seen is in safe working condition, eligible

in my opinion to remain as at present classed with fresh record of M.B.S. with date

main boiler safety valves have been adjusted, subject to the main condenser water box

being re-examined by 1.59 (12 months limit).

Date of Committee

Decision

subject

60m 656.

T. (MADE AND PRINTED IN ENGLAND.)

THURSDAY 20 FEB 1958

Deferred for comp. MBS

White

H. Pollock for E. HARCASLE
Engineer Surveyor to Lloyd's Register of Shipping
E. HARCASLE

002449-002456-0015

1 Essential Independent Pumps (Identify by position)
2 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
3 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
4 Fresh Water Coolers 36 Lub. Oil Coolers 37 Heaters (state service)
5 Independent Air Compressors, Coolers & Safety Devices 40 Auxiliary
6 Air Receivers & Safety devices—Main
7 Oil Fuel Tanks (Not forming part of hull structure)
8 Evaporators 43 Have Evaporator Safety Valves been tested under steam?
9 Steering Machinery 45 Windlass 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position).....

ELECTRICAL EQUIPMENT

PROPULSION	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 Port & Starboard Boilers Good. AUXILIARY, DONKEY or PRESS
Port 9.1.58. Starboard 2.1.58.
Superheaters
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat.
Spt. 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? Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Good

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)

WEAR & TEAR REPAIRS:-

Starboard Main Boiler - Centre furnace reinforced by electric welding over corroded area approximately 6" x 10" on side at fire bar level.

Port Main Boiler blow down valve renewed (body thickness reduced by machining of seat.)
Scum valve lid renewed.

S.R.L:- Main condenser water box now specially examined. Lower sandwich plate bolted to top division plate found thinned. Upper and lower sandwich plates renewed. Recommended same to be re-examined by 1.59 (12 months limit).

This vessel is now laid up until June/July, 1958 and Owners state boilers will then be opened up for re-examination and tailshaft survey carried out.

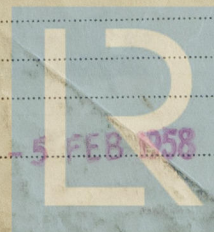
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Survey fees Pt.B.S. £12. 0. 0.

Damage fee ...

Expenses... ..

Date when A/c rendered.....



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Foundation