

Rpt. 9

Date of writing report 6th May, 1958.

Received London

Port St. John's, NFL

No. 4276

Survey held at St. John's, NFL

No. of visits 10

First date 8-4-58

Last date 1-5-58

27 MAY 1958

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 04166 Name ^{S.S.} M.V. "BONAVISTA" Gross tons 1174 Date of build 1956 - 4
 Owners Canadian Govt. (Min. of Transport) Managers Can. National Railways Port of Registry St. John's, NFL
 Engines made 1956 By Canadian Locomotive Co. Ltd. Type 2SA 8 Cylinders coupling & gearing.

No. of Main Engines 1 No. of Screw 1
 No. of Main Boilers - W.P. -
 No. of Aux. ~~Dealey~~ Boilers 1 W.P. 15 lbs.
 Surveyed Afloat or in Dry Dock Both
 Nature of Survey MS., AHB
 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
+100A1	+LMC
Docking 6/57	Engines N 4/56
	Blrs nd 4/56
	d 6/57
	CL 4/56

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 Oil Glands - Sea Connections Good
 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
 1 Cyls., Covers, Pistons & Rods Complete engine (16) Good
 2 Valves & Gears " " Good
 3 Connecting Rods, Top Ends & Guides Side Complete engine (16) Good
 Centre
 4 Crankpins & Bearings Side " " (16) Good
 Centre
 5 Journals & Bearings 10 top bearings, 2 bottom (Nos. 7 & 8) 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
 16 SUPERCHARGERS
 MAIN TURBINES
 18 Casings, Rotors, Blading, Bearings & Thrusts

~~EXHAUST STEAM TURBINES (WITH RECP. ENGINES)~~
 20 STEAM COMPRESSORS
 21 CLUTCHES & HYDRAULIC COUPLINGS
 22 REDUCTION GEARING Good
 23 THRUST BLOCKS, SHAFTS & BEARINGS Good
 24 INTERMEDIATE SHAFTS & BEARINGS
 25 HOLDING DOWN BOLTS & CHOCKS Good

~~CONDENSERS (MAIN & AUX.)~~
~~STEAM RE-HEATERS~~
~~DE-SUPERHEATERS~~
 29 STOP & MANOEUVRING VALVES
 30 MAIN ENGINE DRIVEN PUMPS Lub. oil Good
 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery of this vessel is eligible, in my opinion, to remain as Classed, and to have a fresh record of (CS) Continuous Survey of Engines (date) when the survey has been completed, and record of DHB (Domestic Heating Boiler) 4-58.

TUESDAY - 1 JUL 1958

Date of Committee
 Decision As now, subject

DBS 4/58

Noted for Header

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 Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

009888 - 009895 - 0026

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Bilge, SW circ. water, general service pumps
(ps) lower platform 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 Good 36 Lub. Oil Coolers Good 37 Heaters (state service)

38 Independent Air Compressor, Coolers & Safety Devices No. 2 (ps) aft Good

39 Air Receivers & Safety devices—Main No. 3 (ps) aft internally Good 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 Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position) (ps) No. 1 Generator engine in its entirety.
Condition good.

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	PORT	STARBOARD
a Generators		AUXILIARY EQUIPMENT	
b Exciters		l Generators & Governors	Good
c Air Coolers		m Motors	Bilge, Circ. water & GS pumps & No. 1 Generator, condition good.
d Motors		n Switchboards & Fittings	Good
e Air Coolers		o Circuit Breakers	Good
f Control Gear, Cables, etc.		p Cables	Good
g Insulation Resistance		q Insulation Resistance	Good
h Insulating Oil Test		r Steering Gear Generators and Motors	Good
i Overspeed Governors		s Navigation Light Indicators	Good
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 & PRESS** Heating boiler
Observation doors removed and parts examined boiler subsequently tested, 25 lbs. per sq. in. and proven satisfactory.
Superheaters Good
Safety Valves 15 lbs. per sq. in.
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? Yes 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)

Examined. Scavenger blower drive gear wheels, camshaft, vertical drive transmission crown and pinion wheels and found in good condition.
Steering gear. All control valve gear opened up, examined and in order.
Fire extinguishers. All containers tested and refilled as necessary.

Modern wheel drive reduction gears, pinions and bearings. Main engine gearing specially examined at this time and found that pitting condition previously reported has not extended and remains the same and is considered good.

LEAVE THIS SPACE BLANK

[Signature]
SURVEYOR TO LLOYD'S REGISTER

Survey fees \$ 100.00

Damage fee

Expenses \$ 15.00

Date when A/c rendered 1-5-58

