

Rpt. 9

25 MAY 1960.

Date of writing report 7.5.60.

Received London

Port LONDON

No. 142618

Survey held at TILBURY

No. of visits 3

First date 19.4.60

Last date 2.5.60.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 06446 S.S. Name "NATALE" ex "CHANDLER" Gross tons 7212 Date of build 5-1944

Owners Compania de Navegacion Indomitu SA Managers Port of Registry Panama.

Engines made 1944 By John Inglis Co. Ltd., Toronto Type 13cy. 24 1/2" 37" & 70" x 48"

No. of Main Engines No. of Screws Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 WTB. W.P. 250lb. Spt. 230lb.

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Gen. Exam. & Cond. of Class.

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

Last Report (For Head Office only)

	Hull		Machinery
	*100A1 with fbd.	1-60.	*LMC. 12-55
	S.S.	5-56	MBS. 9-59
			TS, CL. 11-57
			SPS. 5-56
Fitted for O.F. 5/44.			

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 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

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANCEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manceuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship as now seen is eligible in my opinion to remain as classed without special condition renewal of aux. condenser sea suction pipe but subject to aux. condenser overboard discharge valve being examined and dealt with as necessary at next drydocking.

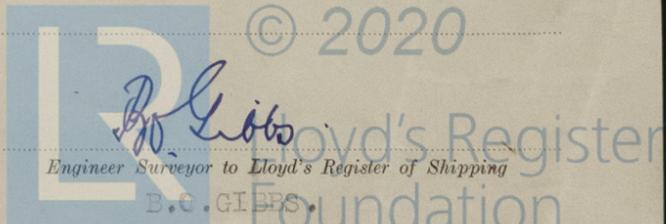
THURSDAY 21 JUN 1960

Date of Committee Decision As now subject

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

CD

Noted for Header



008997-008607-0271

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position)

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 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 Good

AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	AUXILIARY EQUIPMENT	
a Generators	l Generators & Governors	Good
b Exciters	m Motors	Good
c Air Coolers	n Switchboards & Fittings	Good
d Motors	o Circuit Breakers	Good
e Air Coolers	p Cables	Good
f Control Gear, Cables, etc.	q Insulation Resistance	Good
g Insulation Resistance	r Steering Gear Generators and Motors	-
h Insulating Oil Test	s Navigation Light Indicators	Good
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 AUXILIARY, DONKEY or PRESS

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)

GENERAL EXAMINATION:- A satisfactory general examination carried out (see London letter dated 1st April, 1960) in accordance with Circ. 1959.

Previous Owners log books and voyage repair lists examined and the general behaviour of the machinery reported as being satisfactory.

Main and auxiliary machinery examined under working conditions during dock trials and found to be operating in a satisfactory manner.

In view of the satisfactory general examination of machinery now carried out it is submitted that Special Survey of the machinery may be postponed until January, 1961.

S.R.L. Aux. condenser sea suction pipe now renewed. It is submitted that this item may now be deleted from S.R.L. Aux. condenser overboard discharge valve temporary repair examined and considered efficient meantime. It is recommended that this be again examined and dealt with as necessary at next drydocking.

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Survey fees Gen. Exam. 8.0.0
S.R.L. £5.0.0

Damage fee ...

Expenses... 18.0.

Date when A/c rendered 20 MAY 1960

