

Rpt. 9

Date of writing report 18.5.57

Received London 31 MAY 1957

Port Bremen

No. 2069

Survey held at Bremerhaven

No. of visits two

First date 14.2.57

Last date 19.2.57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 92573 Name M.V. "TOTILA" ex "BOLESZAW PRUS" Gross tons 4528 Date of build 1926 2mo.

Owners Totila Shipping Corp. Managers -- Port of Registry Panama

Engines made 1926 By Burmeister & Wain, Copenhagen. Type Oil Engines 4 SA each 6 Cy.

No. of Main Engines 2 No. of Screws 2

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

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

Surveyed Afloat or in Dry Dock afloat

Nature of Survey -

Was Damage Report issued? no Int. Cert. no

Last Report (For Head Office only)

Hull + Class Expunged
Machinery Non-compliance with Regulations 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 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.

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

DOCKING Propellers good Wear Down of Stern Bushes rewooded Oil Glands - Sea Connections -
Fastenings good Has Screwshaft been drawn? yes Date of Examination not seen 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 all all
2 Valves & Gears all all
3 Connecting Rods, Top Ends & Guides Side Seen to be opened out but not closely examined. Centre all Seen to be opened out but not closely examined.
4 Crankpins & Bearings Side all all Centre all all
5 Journals & Bearings all all

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23 THRUST BLOCKS, SHAFTS & BEARINGS opened not seen opened not seen
24 INTERMEDIATE SHAFTS & BEARINGS opened not seen opened not seen
25 HOLDING DOWN BOLTS & CHOCKS checked not seen checked not seen

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30 MAIN ENGINE DRIVEN PUMPS overhauled not seen overhauled not seen
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES not seen Have Main Engines been tested working and manoeuvring? -

OPINION OF MACHINERY AND RECOMMENDATIONS
Submitted for the information of the Committee.

Date of Committee THURSDAY 27 JUN 1957
Decision noted

30m, 6.55. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Reader

G. R. Matthews & W. Munn
Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

010362-010368-0242 1/2

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) **All pumps seen to have been overhauled or being overhauled.**

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls **Seen completely removed for overhaul but not examined.**

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? **Seen completely removed for overhaul but not examined.**

35 Fresh Water Coolers **stated retubed** 36 Lub. Oil Coolers **stated retubed** 37 Heaters (state service) **-**

38 Independent Air Compressors, Coolers & Safety Devices **-**

39 Air Receivers & Safety devices—Main **seen open but not examined** 40 Auxiliary **seen open but not examined**

41 Oil Fuel Tanks (Not forming part of hull structure) **seen opened up and cleaned not examined**

42 Evaporators **--** 43 Have Evaporator Safety Valves been tested under steam? **--**

44 Steering Machinery **--** 45 Windlass **--** 46 Fire Extinguishing Arrangements **--**

AUXILIARY ENGINES (Identify by position) **Diesel generators removed at time of visit for stated renewal. New machines not seen.**

ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PROPULSION	PORT	STARBOARD	
Generators		Generators & Governors	
Exciters		Motors	
Air Coolers		Switchboards & Fittings	
Motors		Circuit Breakers	
Air Coolers		Cables	
Control Gear, Cables, etc.		Insulation Resistance	
Insulation Resistance		Steering Gear Generators and Motors	
Insulating Oil Test		Navigation Light Indicators	
Overspeed Governors			
Magnetic Couplings			
Air Gap			

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

MAIN ~~XXXXXXXX~~ **DONKEY** ~~XXXXXX~~ **Seen to have been completely overhauled with all valves and feed pumps. Oil burning system seen to have been completely overhauled.**

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 **efficient**

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)

This report is forwarded in accordance with London letter 18.4.57. All parts stated were seen opened up, but not examined, as Owner had not decided at the time whether or not to re-class the ship with this Society.

The following major repairs were noted:-

All main engine crankshaft bearings renewed.

All cylinder heads renewed.

All defective pistons renewed (number unknown).

All auxiliary machinery together with the steering gear and windlass removed ashore for complete overhaul.

Electrical Installation:-

The survey was confined, at the Owners' request, to a general examination of the installation and to a discussion regarding the alterations and additions being made.

From the examination, it was noted that the installation was being overhauled throughout and cables being renewed as necessary.

Contd./.....

Survey fees **No. Fee**

Damage fee

Expenses...

Date when A/c rendered

Rpt. 9a

Port of Bremen

Continuation of Report No. 2069 dated 18.5.57

on the

M.V. "TOTILA" ex "BOLESŁAW PRUS"

Electrical Installation:- (Contd.)

With regard to the alterations and additions, it was observed, from information given by the Owner or his representatives, that the following did not comply with the Rules:-

a) Both new 150 KWs generators (replacing existing units) not constructed under the survey of this Society's Surveyors. Owner subsequently advised that these were acceptable as per Secretary's letter dated 20th February, 1957.

b) New generator main cables. Cross sectional areas too small.

c) New navigation lights indicator board. Requirements of Paras. M 428/9 not complied with.

d) Two core type MKO 1,5/2,5 sq.mms. Cables being used for rewiring of lighting and small power circuits.

No further opportunity was afforded to examine the installation.

W. Morris

Surveyor to Lloyd's Register
of Shipping

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