

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.

PROPULSION PORT STARBOARD ELECTRICAL EQUIPMENT AUXILIARY EQUIPMENT

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

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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Foundation