

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 9 JUN 1959

Date of writing Report 15th April 1959 When handed in at Local Office 19 Port of Rijeka

No. in Survey held at Pula Date, First Survey Last Survey 19 (No. of Visits ) Tons Gross 13339 Net

on the M.V. "OSTRAVA" ex "MISTINA" Built at Pula By whom built Brodogradiliste Uljanik Yard No. When built 1959

Owners Cechofracht Shipping and International Forwarding corporation of Praha Port belonging to Praha When fitted 1959

Installation fitted by Brodogradiliste Uljanik Pula Is vessel equipped for carrying Petroleum in bulk Yes Is vessel equipped with D.F. Yes E.S.D. Yes Gy.C. Yes Sub.Sig. - Radar Yes

Plans, have they been submitted and approved Yes System of Distribution two & three wire sys Voltage of Lighting 115 V Heating Power 440 V D.C. or A.C., Lighting A.C. Power A.C. If A.C. state frequency 60 HZ

Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted with a trip switch Generators, are they compound wound and level compounded under working conditions

Are the generators arranged to run in parallel Yes Is the compound winding connected to the negative or positive pole Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing Yes Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule Yes Position of Generators Engine room two main on stb. side & one main on pt. - Harbour generator on pt.

is the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and damage from water, steam and oil Yes Switchboards, where are main switchboards placed Forward Engine Room amidships.

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water, steam and oil Yes, what insulation is used for the panels Dead front type, if of synthetic insulating material is it an Approved Type, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule.

Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgear for each generator and arrangement of equaliser switches Hand operated circuit breaker with instantaneous short circuit & over load & reverse power trips & time relay for not essential consumers.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit three pole hand operated linked switches & fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Instruments on main switchboard 27 ammeters 14 voltmeters 7 synchronising devices. For compound machines in parallel are the ammeters and reverse current protection devices connected on the pole opposite to the equaliser connection Earth Testing, state means provided

indicating lamps Preference Tripping, state if provided yes, and tested yes Switches, Circuit Breakers and Fuses, are they as per Rule yes, are the fuses an Approved Type yes

make of fuses AEG-Siemens, are all fuses labelled Yes If circuit breakers are provided for the generators, at what overload do they operate 345 A, and at what current do the reverse current protective devices operate 8%

Cables, are they insulated and protected as per Rule Yes if otherwise than as per Rule are they of an Approved Type, state maximum fall of pressure between bus bars and any point under maximum load 5 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends.

Are all the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical damage Yes, are any cables laid under machines or floorplates yes, if so, are they adequately protected yes State type of cables (if in conduit this should also be stated) in machinery spaces V.R.I. Lead alloy sheathed & armoured galleys same

and laundries same State how the cables are supported or protected cables supported on steel chairs and secured with clips

Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands yes, where unarmoured cables pass through beams, etc., are the holes effectively bushed yes Refrigerated chambers, are the cables and fittings as per Rule yes

Have refrigeration fan motors been constructed under survey and test certificates supplied

Are the motors accessible for maintenance at all times



The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

A. Josko

Electrical Contractors.

Date 8. V. 1959

BRODOGRADILISTE  
"ULJANIK"  
PULA

COMPASSES.

Have the compasses been adjusted under working conditions Yes

Yannick

Builder's Signature.

Date

Have the foregoing descriptions and schedules been verified and found correct Yes

Is this installation a duplicate of a previous case No If so, state name of vessel

Plans. Are approved plans forwarded herewith Yes If not, state date of approval

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith Yes

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.)

The installation referred to herein has been installed under Special Survey in accordance with the rules of the Society, approved plans, and Secretary's letters.

The workmanship and materials are good.

On completion of installation the generators were examined under full working conditions, and tested for paralleling overload and reverse power trips etc., circuits were tested, and all found satisfactory.

Total Capacity of Generators 700 Kilowatts.

The amount of Fee ... £ 164-8-00 When applied for, 02-04-din.

Travelling Expenses (if any) £ : : When received, 19

Andler

Surveyor to Lloyd's Register of Shipping.

FRIDAY 10 JUL 1959

Committee's Minute

Assigned Sec Rpt. 1.

f. BUS  
12.6.59

5m.66 - Transfer. (MADE AND PRINTED IN ENGLAND)  
(The Surveyors are requested not to write on or below the space for Committee Minute.)



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