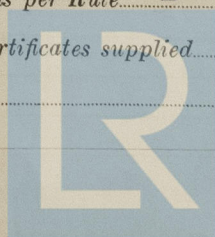


REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 19 When handed in at Local Office 19 Port of Rijeka
 No. in Survey held at Rijeka Date, First Survey 12.6.61. Last Survey 3.11. 19 61
 Reg. Book (No. of Visits 14)
 on the M.V. "JOZEF CONRAD"
 Built at Rijeka By whom built Brodogradiliste "3. Maj" Yard No. 480 When built 1961
 Owners Polish Ocean Lines Port belonging to Gdynia
 Installation fitted by Brodogradiliste "3. Maj" When fitted 1961
 Is vessel equipped for carrying Petroleum in bulk no Is vessel equipped with D.F. no E.S.D. yes Gy.C. yes Sub.Sig. no Radar yes
 Plans, have they been submitted and approved yes System of Distribution 3 Phase A.C. Voltage of Lighting 220V
 Heating 220V Power 380V D.C. or A.C. Lighting A.C. Power A.C. If A.C. state frequency 50 c/s
 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 yes, and level compounded under working conditions yes
 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 Lower platform. Two on Port Side One on Starboard Side
 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 Engine Room Forward at 2nd platform level
 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 panel, 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 Equipped with three-pole circuit breakers and no-volt, short circuit, delayed overload and reverse power relays.
 and the switch and fuse gear (or circuit breakers) for each outgoing circuit are fitted with relays protected circuit breakers. Non-essential consumers connected to the preferential tripping system.
 Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 27
 ammeters 5 voltmeters 3 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 none earthed star point 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 Siemens Schuckert are all fuses labelled yes If circuit breakers are provided for the generators, at what overload do they operate generator 400KVA 630A KW power 32 KW, and at what current do the reverse current protective devices operate 32 KW
 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 1.4% volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends none
 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 lead covered & arm., galleys lead covered & arm. and laundries lead covered & arm. State how the cables are supported or protected cables supported on perforated cable profiles and in holds protected in enclosed steel cable trays
 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 -
 Have refrigeration fan motors been constructed under survey - and test certificates supplied -
 Are the motors accessible for maintenance at all times -



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011823-011825-0042

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.

Electrical Contractors.

Date 21th December 1961

BRDOGRADILISTE "J. MAJ"
RIJEKA

COMPASSES

Have the compasses been adjusted under working conditions. yes

Builder's Signature.

Date 21th December 1961

BRDOGRADILISTE "J. MAJ"
RIJEKA

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. no If not, state date of approval. 3.2.61.

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 electrical equipment of this ship has been installed under Special Survey in accordance with the Society's Rules, Approved Plans and Secretary's letters.

The materials and workmanship are good.

On completion of installation the generators were examined under full working conditions and found satisfactory. Paralleling of generators and operation of relays for overload and reverse power, etc., witnessed and found satisfactory.

Total Capacity of Generators. 840 Kilowatts.

The amount of Fee ... £ 116 : 0 :
+ 243.600.-

When applied for,

19

When received,

19

Travelling Expenses (if any) £ : :

Fred. G. Burn.
Surveyor to Lloyd's Register of Shipping

Committee's Minute. FRIDAY 23 MAR 1962

Assigned. See Rpt 1



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