

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

29 JUN 1955

Received at London Office

Date of writing Report 21.6. 19 55 When handed in at Local Office 21.6. 19 55 Port of SPLIT  
 No. in Survey held at Split Date, First Survey 15.12.1954 Last Survey 21.6. 19 55  
 Reg. Book. (No. of Visits 20)  
90818 s on the Single Crew Motorship "KARLOVAC" Tons { Gross 191  
 Net 79  
 Built at Split By whom built Brodogradilište "Split" Yard No. 126 When built 1955  
 Owners State Enterprise JADRANSKA LINIJSKA PLOVIDBA Port belonging to Rijeka  
 (Adriatic Line) Installation fitted by Brodogradilište "Split" When fitted 1955  
 Is vessel equipped for carrying Petroleum in bulk No Is vessel equipped with D.F. No E.S.D. No Gy.C. No Sub.Sig. No Radar No

Plans, have they been submitted and approved Yes System of Distribution Two wire, insulated Voltage of Lighting 220  
 Heating 220 Power 220 D.C. or A.C., Lighting DC Power DC If A.C. state frequency ---  
 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 negative  
 none  
 Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing fitted Have certificates of test for machines  
 under 100 kw. been supplied and the results found as per Rule Yes Position of Generators Two Generators in Engine  
Room, one each 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  
starboard forward

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 switchboard, 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 --- Description of Main Switchgear  
 for each generator and arrangement of equaliser switches 3 pole circuit breaker with O/C trip on two poles;  
R/C trip on positive pole and third pole used as equalizer

and the switch and fuse gear (or circuit breakers) for each outgoing circuit double pole lever switch with fuse on  
each pole

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 5  
 ammeters 2 voltmeters 3 ~~XXXXXXXXXXXX~~ For compound machines in parallel are the ammeters and reverse current  
 protection devices connected on the pole opposite to the equaliser connection Yes Earth Testing, state means provided ---  
 Ohm-meter with selector switch Preference Tripping, state if provided ---, and tested ---

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes  
 Engl. Electr. Co. make of fuses S.S. Type, are all fuses labelled Yes If circuit breakers are provided for the generators, at what  
 overload do they operate 100 Amp, and at what current do the reverse current protective  
 devices operate 10 Amp 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 --- volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends none fitted

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 ---, are any cables laid under machines or floorplates No, if so, are they adequately protected --- State  
 type of cables (if in conduit this should also be stated) in machinery spaces Lead C.St.Wire Braided, galleys Lead C.St.Wire Braided  
 and laundries --- State how the cables are supported or protected clipped to trays and surface or  
grounds in accommodation spaces

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 No and test certificates supplied ---  
 Are the motors accessible for maintenance at all times Yes





