

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 26th Sep. 1963 When handed in at Local Office 27th Sep. 1963 Port of Rijeka

No. in Survey held at Macvanska Mitrovica Date, First Survey 31st May Last Survey 17th Aug. 1963
Reg. Book (No. of Visits 2)

on the 65' Inspection Launch "SITARA" Tons { Gross Net 1963

Built at Mac Mitrovica By whom built Shipyard "SAVA" Yard No. 97 When built 1963
East Pakistan Inland Water

Owners Transport Authority Port belonging to Narayanganj

Installation fitted by Messrs. "Svjetlost" Rijeka When fitted 1963

Is vessel equipped for carrying Petroleum in bulk. - Is vessel equipped with D.F. - E.S.D. - Gy.C. - Sub.Sig. Radar yes

Plans, have they been submitted and approved yes System of Distribution Two wire Voltage of Lighting 110

Heating. - Power 110 D.C. ~~EXXO~~ Lighting D.C. Power D.C. 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. - Is the compound winding connected to the negative or positive pole. negative

Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing. - Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule. yes Position of Generators E.R. Port side forward

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. E.R. forward bulkhead

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 instant short-

circuit, overload and undervoltage releases

and the switch and fuse gear (or circuit breakers) for each outgoing circuit. linked switches and fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule. yes Instruments on main switchboard 2

ammeters 2 voltmeters - 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. yes

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

make of fuses Siemens Schuckert, are all fuses labelled. yes If circuit breakers are provided for the generators, at what

overload do they operate. 115 % and at what current do the reverse current protective

devices operate. - 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 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends. yes

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-alloy sheathed cables & steel-braid

and laundries. arm.V.C. & V.R. insul State how the cables are supported or protected. on perforated steel trays

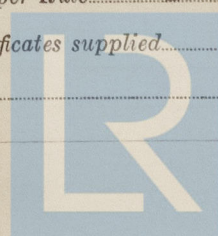
Are all lead sheaths, armouring and conduits effectually bonded and earthed. yes Are all cables passing through decks and watertight

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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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.

Samuel Lur

Electrical Contractors.

Date 2. X. 1963

"SVJETLOST"

TVORNICA EL. STROJIVA I UVEDJANJA

RIJEKA

COMPASSES

Have the compasses been adjusted under working conditions.

Ing. J. J. J. J.

Builder's Signature.

Date 1. XI. 1963

Have the foregoing descriptions and schedules been verified and found correct. yes

Is this installation a duplicate of a previous case. yes If so, state name of vessel "SURAIYA" Yard No. 96

Plans. Are approved plans forwarded herewith. no If not, state date of approval 31st October, 1962

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

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

The electrical equipment has been installed under Special Survey in accordance with the requirements of the Rules approved plans and Secretary's letters.

The material and workmanship are good and the operation of the generator under full working conditions and function of the protective devices are satisfactory. The insulation resistance in the circuits were checked and found good. The voltage drop is satisfactory.

Total Capacity of Generators 6 Kilowatts.

The amount of Fee ... £ 12-0-0 : When applied for,
Din. 25.200.- 19

Travelling Expenses (if any) £ : : When received,
Din. 2.000.- 19

R. Zahradka & J. Racki

Surveyor to Lloyd's Register of Shipping

Zahradka Racki

TUESDAY 14 JAN 1964

Committee's Minute

Assigned Subpr



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