

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 3-JUL-1956

Date of writing Report 2/7 1956 When handed in at Local Office _____ 19____ Port of Stockholm
 No. in Survey held at Gävle Date, First Survey 19-1 Last Survey 23.5 19 56
 Reg. Book. _____ (No. of Visits 5)
35538 on the Steel Single Screw Trawler "TAGIL" Tons { Gross 688
 Net 225
 Built at Gävle By whom built A/B Gävle Varv Yard No. 91 When built 1956
 Owners U.S.S.R. Port belonging to Murmansk
 Installation fitted by A/B Electro-Armatur, Gävle When fitted 1956
 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 No

Plans, have they been submitted and approved. Yes System of Distribution Two wire Voltage of Lighting 110
 Heating _____ Power 110 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
 Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing fitted None Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule Yes Position of Generators _____
On platform in engine room, 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 is _____
 Switchboards, where are main switchboards placed _____
On platform in engine room, starboard side.
 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 Bakelite, steatite & mica (steel front), 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 The pole circuit breaker with overload and reverse current protection. Third pole for equaliser connection.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double pole knife switch and double pole fuse.

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 Yes Earth Testing, state means provided Voltmeter calibrated as ohmmeter
 Preference Tripping, state if provided No, and tested _____
 Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes
 make of fuses ASEA. IPÖ (Diazed)., are all fuses labelled Yes If circuit breakers are provided for the generators, at what overload do they operate 200 amps, and at what current do the reverse current protective devices operate 25 amps
 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 4 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 No, if so, are they adequately protected _____ State type of cables (if in conduit this should also be stated) in machinery spaces Lead alloy sheated, and armoured, galleys _____
 and laundries _____ State how the cables are supported or protected In machinery spaces, on deck and in holds: Lead alloy sheated and armoured cables clipped to bulkheads or steel plates.
In accommodations: Lead alloy sheated cables clipped to bulkheads or run in conduit.

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 _____



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-B. ELEKTRO-ARMATUR

Aug. Holmquist

Electrical Contractors.

Date

COMPASSES.

Have the compasses been adjusted under working conditions. Yes

Alfred Lagerlöf

Alfred Lagerlöf

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. Yes If so, state name of vessel "CHIRCHIK", "PELENG", "KURS", "VOLGA", "VOLNA", "TRAVERZ".

Plans. Are approved plans forwarded herewith. No If not, state date of approval 29.7.54, 4.10.54, 18.10.54, 24.11.1955.

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 vessel has been fitted in accordance with the approved plans and the Rule requirements.

The workmanship and materials are good.

Total Capacity of Generators 36 Kilowatts.

The amount of Fee ... Er. 590:-- : When applied for, 2/7 1956

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

J. Eriksson
Surveyor to Lloyd's Register of Shipping.

Committee's Minute MONDAY 14 AUG 1956

Assigned See Skm 10608

2m.4.55 - Transfer. (MADE AND PRINTED IN ENGLAND) (The Surveyors are requested not to write on or below the space for Committee's Minute.)

5/7/56
[Handwritten initials]

