

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 9TH MAR 1949 When handed in at Local Office 9TH MAR 1949 Port of TRIESTENo. in Survey held at VENICE Date, First Survey 13/1/49 Last Survey 5/3/ 19 49
Reg. Book. (No. of Visits 5)- on the M.V. "MELTEM" Tons { Gross 69
Net 27.6Built at VENICE By whom built CANT. CELLI Yard No. 442 When built 1949Owners MAORI CENANI Port belonging to ISTANBULInstallation fitted by CANT. CELLI When fitted 1949Is vessel equipped for carrying Petroleum in bulk YES Is vessel equipped with D.F. NO E.S.D. NO Gy.C. NO Sub. Sig. NOPlans, have they been submitted and approved NOW FORWARDED System of Distribution 2 WIRE Voltage of Lighting 24Heating - Power - D.C. or A.C., Lighting D.C. Power - 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 NO, and level compounded under working conditions NO,if not compound wound state distance between generators AUTOMATIC and from switchboard - Are the generators arranged to run in parallel NO, are shunt field regulators provided REG. COIL Is the compound winding connected to the negative or positive pole- Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing - Have certificates of test for machines under 100 kw. been supplied NO and the results found as per Rule -Position of Generators IN ENG. ROOMis the ventilation in way of generators satisfactory YES are they clear of inflammable material and protected from mechanical injury anddamage from water, steam and oil YES Switchboards, where are main switchboards placed IN ENG. ROOM AFTare 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 STEEL ASBESTOS COMPOUND, PORCELAIN, if of synthetic insulatingmaterial 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 Switchgearfor each generator and arrangement of equaliser switches DOUBLE POLE LINKED SWITCH & FUSE ON EACH POLEand the switch and fuse gear (or circuit breakers) for each outgoing circuit DOUBLE POLE LINKED SWITCH & FUSE ON EACH POLEAre compartments containing switchboards composed of fire-resisting material or lined as per Rule - Instruments on main switchboard 2 ammeters 1 voltmeters - synchronising devices. For compound machines in parallel are the ammeters and reversed currentprotection devices connected on the pole opposite to the equaliser connection - Earth Testing, state means provided EARTH LAMPSSwitches, Circuit Breakers and Fuses, are they as per Rule YES, are the fuses an Approved Type DIASED, make of fuses SIEMENS, are all fuses labelled YES If circuit breakers are provided for the generators, at whatoverload do they operate - and at what current do the reversed current protective devices operate - Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule YESCables, 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 NEGLECTABLE are the ends of all cables having a sectionalarea of 0.01 square inch and above provided with soldering sockets CLAMPED 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 Are cables in machinery spaces, galleys, laundries, etc., lead covered YES or run in conduit -or of the "HR" type - State how the cables are supported or protected CLIPPED AS PER RULES WHERE UNDER FLOOR - 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 NONE, where unarmoured cables pass through beams, etc., are the holeseffectively bushed NONE Refrigerated chambers, are the cables and fittings as per Rule - Alternative Lighting, are the groups of lights in the engine and boiler rooms arranged as per Rule YES Emergency Supply, state position

PARTICULARS OF GENERATING PLANT.

GENERATOR CABLES.

MAIN DISTRIBUTION CABLES (to Section Boards, Distribution Fuse Boards, etc.).

LIGHTING, HEATING, WIRELESS, NAVIGATION LIGHTS, ETC., CABLES.

MOTOR CABLES.[illegible]

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.

COMPASSES.

Have the compasses been adjusted under working conditions. YES

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. NOT OBTAINABLE

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)

This installation was fitted out under Registro Italiano Order. The two Bosch automobile type generators, the electric cables, switches, fuses and fittings have all been examined, the insulation resistance tested, and all found satisfactory under working conditions.

In my opinion the installation is eligible for service on a Classed Vessel.

Noted and 23/3/49

Total Capacity of Generators. 1.5 Kilowatts.

The amount of Fee ... One letter : When applied for, 10.
Travelling Expenses (if any) £ : When received, 10.

Committee's Minute. FRI. 23 APR 1949

Assigned. See file r/f

John M. [Signature]
Surveyor to Lloyd's Register of Shipping.