

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

4- JAN 1954

Received at London Office

Date of writing Report 8th Dec. 19 53 When handed in at Local Office 19 Port of H A M B U R G.

No. in Survey held at HAMBURG-NEUENFELDE Date, First Survey 15th Oct. Last Survey 20th Nov. 19 53
Reg. Book. (No. of Visits 13)

S 40443 on the M.V. " T E X I T A "

Tons { Gross 1153.45
Net 780.74

Built at Hamburg-Neuenfelde By whom built Schiffswerft W. Holst Yard No. 187 When built 1953

Owners Interamerican Maritime Company S.A. Port belonging to Monrovia

Installation fitted by Schiffswerft Wilhelm Holst When fitted 1953

Is vessel equipped for carrying Petroleum in bulk no Is vessel equipped with D.F. yes E.S.D. yes Gy.C. no Sub.Sig. - Radar no

Plans, have they been submitted and approved yes System of Distribution single wire Voltage of Lighting 220 V

Heating 220 V Power 220 V D.C. or A.C., 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 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 under Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule - Position of Generators port and starboard forward

each a 50 KW set, port aft a 26 KW set, on engine room platform

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 port forward at

engine room bulkhead on engine room platform

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 construction, 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 single pole circuit breakers with overload and

reverse-current trips; second pole used for equaliser

and the switch and fuse gear (or circuit breakers) for each outgoing circuit single pole switches (Packo) and fuse in each circuit.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 6

ammeters 3 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 yes Earth Testing, state means provided no

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

overload do they operate 25% and at what current do the reverse current protective

devices operate 5% Cables, are they insulated and protected as per Rule yes, except cables in

if otherwise than as per Rule are they of an Approved Type -state maximum fall of pressure between bus bars and any point London letter

under maximum load 2.5 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends - 5.11.53)

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 MK Marine, galleys MK Marine

and laundries - State how the cables are supported or protected suitable clipped to cable

trays and in cargo holds supported in strong U sections and protected.

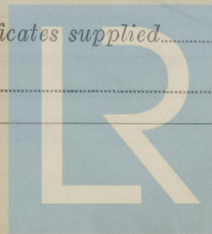
Are all lead sheaths, armoring and conduits effectually bonded and earthed yes Are all cables passing through decks and watertight

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, only for provision

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.

W. Mohr

Electrical Contractors. Date

COMPASSES.

Have the compasses been adjusted under working conditions. yes

W. Mohr

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. no

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

The electrical equipment of this vessel has been installed under Special Survey of the Germanischer Lloyd. Now examined and found or placed in accordance with the approved plans and the Secretary's letters. The workmanship and materials are good.

The electrical equipment has been examined and tested under working conditions and found acceptable.

JS 18/1/54

Total Capacity of Generators 126 ✓ Kilowatts.

The amount of Fee ... £ see : When applied for, 19

Rpt. 9

When received,

Travelling Expenses (if any) £ ----- : 19

Surveyor to Lloyd's Register of Shipping.

FRIDAY 15 OCT 1954

Committee's Minute

Assigned

See Rpt. 4.



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