

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

-9 NOV 1926

Date of writing Report Oct 30 1926 When handed in at Local Office Nov 5 1926 Port of Trieste

No. in Survey held at Moufalone Date, First Survey Sept 8 Last Survey Oct 23 1926
Reg. Book. 89808 on the T. S. S. Lucita (Number of Visits five)

Tons { Gross 2604
Net 1136

Built at Moufalone By whom built Ant. Nav. Triest. Yard No. 180 When built 1926

Owners Curacaoische Scheepvaart Maats. Port belonging to Willemstad

Electric Light Installation fitted by Cantiere Navale Triestino Contract No. _____ When fitted _____
Generator made by Sunderland Forge & Eng. Co. Ltd.

System of Distribution Two wires

Pressure of supply for Lighting 110 volts, Heating 1/2 volts, Power 1/2 volts.

Direct or Alternating Current, Lighting Direct Power 1/2

If alternating current system, state frequency of periods per second 1/2

Has the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off yes

Generators, do they comply with the requirements regarding rating yes, are they compound wound yes

are they over compounded 5 per cent. 1/2, if not compound wound state distance between each generator 1/2

Where more than one generator is fitted are they arranged to run in parallel 1/2, is an adjustable regulating resistance fitted in series with each shunt field yes

Are all terminals accessible, clearly marked, and furnished with sockets yes, are they so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched yes

Are the lubricating arrangements of the generators as per Rule yes

Position of Generators In Engine Room platform

is the ventilation in way of the generators satisfactory yes, are they clear of all inflammable material yes

if situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the generators 1/2 and 1/2, are the generators protected from mechanical injury and damage from water, steam or oil yes

are their axes of rotation fore and aft yes

Earthing, are the bearings and frames of the generating plant efficiently earthed yes are the prime movers and their respective generators in metallic contact yes

Main Switch Boards, where placed Near generator

If the generators and main switchboard are not placed in the same compartment, is each generator provided with a fuse on each insulated pole as near as possible to the terminals of the generator, additional to that provided on the main switchboard 1/2

Switchboards, are they placed in accessible positions, free from inflammable gases and acid fumes yes

are they protected from mechanical injury and damage from water, steam or oil yes, if situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the switchboards 1/2 and 1/2

are they constructed wholly of durable, non-ignitable non-absorbent materials yes, is all insulation of high dielectric strength and of permanently high insulation resistance yes

if semi-insulating material is used, are all conducting parts insulated from the slab with mica or micrite or other non-hygroscopic insulating material, and the slab similarly insulated from its framework yes

and is the frame effectively earthed yes Are the fittings as per Rule regarding:— spacing or shielding of live parts yes

accessibility of all parts yes, absence of fuses on back of board yes, proportion of omnibus bars yes

individual fuses to voltmeter, pilot or earth lamp yes, connections of switches yes

Main Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches Double pole

single switch for generator and all outgoing circuits

Instruments on main switchboard 1 ammeters 1 voltmeters 1/2 synchronising device for paralleling purposes.

Earth Testing, state what means are provided at the main switchboard for indicating the state of the insulation of the system Lamp to each pole

Switches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules yes

Joint Boxes Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule yes

All Conductors are of annealed copper conforming to British Standard Specification No. 7.
The Insulated Conductors are guaranteed to withstand the immersion and resistance tests specified in the Rules.
The foregoing is a correct description.

OFFICINE ELETTROMECCANICHE

Electrical Engineers.

Date 30. October 1926

COMPASSES.

Distance between electric generators or motors and standard compass 150'

Distance between electric generators or motors and steering compass 150'

The nearest cables to the compasses are as follows:—

A cable carrying 4 Amperes 13 feet from standard compass 10 feet from steering compass.

A cable carrying 0.2 Amperes in the feet from standard compass in the feet from steering compass.

A cable carrying Amperes feet from standard compass feet from steering compass.

Have the compasses been adjusted with and without the electric installation at work at full power. yes

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted. no

The maximum deviation due to electric currents was found to be degrees on course in the case of the standard compass, and degrees on course in the case of the steering compass.

CANTIERE NAVALE TRIESTINO

X *[Signature]*

Builder's Signature.

Date

Is this installation a duplicate of a previous case. no If so, state name of vessel

General Remarks (State quality of workmanship, opinions as to class, &c.)

This installation has been made in accordance with the Rules for electric fitting and special requirements for ships carrying oil having a flash point less than 150°F. The material and workmanship are good and under test was found satisfactory.

It is submitted that this vessel is eligible for THE RECORD. Elec. light.

Total Capacity of Generators 8 Kilowatts.

The amount of Fee ... £ 888.-

When applied for,

6/11/1926

Travelling Expenses (if any) £

When received,

20.12.26

Committee's Minute

FRI. 12 NOV 1926

Assigned

Elec Light

FRI. 19 NOV 1926



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