

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

17 AUG 1928

Date of writing Report

3/8/ 28

When handed in at Local Office

6/8/ 28

Port of Trieste

No. in Survey held at

Monfalcone

Date, First Survey

June 26

Last Survey

July 25 19 28

Reg. Book.

77018

on the T. P. S. Lucania

(Number of Visits)

four

Tons

Gross 2584

Net 1717

Built at Monfalcone

By whom built

Cantiere Nav. Tri.

Yard No. 203

When built 1928

Owners Curacaoche Sheepwarts Ny

Port belonging to

Willemstad

Electric Light Installation fitted by

Cantiere Navale Triestino

Contract No.

When fitted 1928

System of Distribution Two wire

Pressure of supply for Lighting 110

volts, Heating —

volts, Power —

volts.

Direct or Alternating Current, Lighting direct

Power

If alternating current system, state frequency of periods per second —

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

Generators, do they comply with the requirements regarding rating yes

, are they compound wound yes

are they over compounded 5 per cent. yes

, if not compound wound state distance between each generator —

Where more than one generator is fitted are they arranged to run in parallel one generator, 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 E. R. 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

— and —, 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 bedplates 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 —

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 — and —

are they constructed wholly of durable, non-ignitable non-absorbent materials yes (Marble)

, 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 micanite 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

link switches for generator and all outgoing circuits.

Instruments on main switchboard 1 ammeters 1 voltmeters — 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 Lamps 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



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W51-0066(1/2)

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.

Cantiere Navale Triestino

Electrical Engineers.

Date

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 Ampères 13 feet from standard compass 10 feet from steering compass.

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

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

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

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

Builder's Signature.

Date

Is this installation a duplicate of a previous case yes If so, state name of vessel Lucita and others

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

This installation has been made in accordance with the Rule 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.

Bleedlight

24/8/28

Total Capacity of Generators 8 Kilowatts.

The amount of Fee

£ 7.14

When applied for,

15/8/28

Travelling Expenses (if any) £

When received,

28.8.28

Committee's Minute

FRI. 31 AUG 1928

Assigned

Im. 127.—Transfer.
(The Surveys are requested not to write on or below the space for Committee's Minute.)



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