

Rpt. 13.

REPORT ON ELECTRIC FITTINGS.

No. 7634

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report *July 29 1927* When handed in at Local Office *Aug 1 1927* Port of *Trerfe* Received at London Office

No. in Survey held at *Monfalcone* Date, First Survey *July 7* Last Survey *July 16 1927*
Reg. Book. on the *T. S. S. Lirica* (Number of Visits *four*)

Built at *Monfalcone* By whom built *Cantiere Nav. Tri.* Yard No. *185* Tons { Gross *2579*
Net *1115*

Owners *Curacaoische Scheepvaart Maats.* Port belonging to *Willemstad* When built *1927*

Electric Light Installation fitted by *Cantiere Nav. Triestino* Contract No. When fitted *1927*

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 *yes*

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

are they over compounded 5 per cent. *-/*, 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*, is all insulation of high dielectric strength and of

permanently high insulation resistance *yes (marble)*, 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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The foregoing is a correct description.

Date _____

COMPASSES.

The nearest cables to the compasses are as follows:—

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

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.

Date _____

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 requirement 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.*

The amount of Fee *due* 784.-

Travelling Expenses (if any) £

TUES. 9 AUG 1927

Committee's Minute

Assigned

m. 127.—Transfer.

lm, 1, 27.—Transfer.

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Foundation