

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 18 June 1923 When handed in at Local Office 27 July 1923 Port of Trieste

No. in Survey held at Trieste Date, First Survey 19. 9. 1919 Last Survey 7. 7. 1923
Reg. Book. on the P.S. "Dino"

Built at Trieste By whom built Stabilimento Tecnico Triestino No. 520 Tons { Gross 1334.10
Net 189.12

Owners Stabilimento Tecnico Triestino Port belonging to Trieste

Electric Light Installation fitted by Stabilimento Tecnico Triestino Contract No. 520 When fitted 1920/23

System of Distribution Double 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 overload Yes. , are they compound wound ✓

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 No. , is an adjustable regulating resistance fitted in

series with each shunt field Yes.

Are all terminals accessible and clearly marked Yes. , are they so spaced or shielded that they cannot be accidentally earthed,

or short circuited Yes. Are the lubricating arrangements of the generators as per Rule Yes.

Position of Generators Bottom platform of engine room.

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 axis 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 dynamos.

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, incombustible 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 connected to one pole

insulated from the slab with mica or micanite and the slab similarly insulated from its framework ✓

frame effectively earthed Yes. Are the following fittings as per Rule, viz. :— 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 linked double throw switches

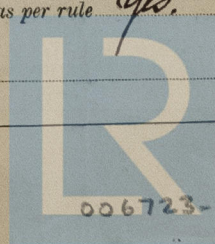
Instruments on main switchboard 2 ammeters 1 voltmeter, with double throw linked switch

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

incandescent lamps

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

Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule Yes.



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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.

John Dvorsey

Electrical Engineers.

Date 29.6.1923

COMPASSES.

Distance between electric generators or motors and standard compass

85 ft

Distance between electric generators or motors and steering compass

90 ft

The nearest cables to the compasses are as follows:—

A cable carrying 35 Ampères 20 feet from standard compass 20 feet from steering compass.

A cable carrying 5 Ampères 6 feet from standard compass 6 feet from steering compass.

A cable carrying 2 Ampères in the feet from standard compass in the 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. *yes*

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.

Stabilimento Tecnico Inc
Candere S. Marco, Trieste

Stabilimento

Builder's Signature.

Date

Is this installation a duplicate of a previous case If so, state name of vessel

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

This installation has been fitted in accordance with the Rules. The materials and workmanship are good. On completion it was tested under working conditions and with 25% overload and found in order.

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

W.D. C.M.S.
2/8/23

Total Capacity of Generators 23 Kilowatts

The amount of Fee ... £1900.-

Travelling Expenses (if any) £

When applied for,

19

When received,

27.11.23

Geo. Munro
Surveyor to Lloyd's Register of Shipping.

WED. AUG. 8 1923

Committee's Minute

Assigned

Im. 9.22.—Transfer.
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



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