

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 22-9-1924 When handed in at Local Office

Port of Rotterdam

Received at London Office 29 SEP 1924

No. in Survey held at Reg. Book.

Date, First Survey 27.5.24 Last Survey 10.9.1924

(Number of Visits.....)

on the Motor vessel "SLIEDRECHT"

Tons { Gross
Net

Built at Rotterdam

By whom built

St. D. H.

Yard No.

When built 1924

Owners Jhs. v. Onnemeren

Port belonging to

Rotterdam

Electric Light Installation fitted by

St. de Hoops Rotterdam

Contract No.

When fitted 1924

System of Distribution

Two-wire-system.

Pressure of supply for Lighting

110

volts, Heating

110

volts, Power

110

volts.

Direct or Alternating Current, Lighting

Direct current

Power

Same

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 overload

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

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

in Motorroom

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 dynamo's

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

yes

, and is the

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

Main switch of dynamo change-over-switch 120 Amps d.p.

Outg. circuits 6 d.p. switches 60 Amps. 2 of 100 Amps, with d.p. fuses

Instruments on main switchboard

1

ammeters

1

voltmeters

No

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

2 earth 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.

Electrical Engineers.

Date

10 Sept 24

COMPASSES.

Distance between electric generators or motors and standard compass

150 ft

Distance between electric generators or motors and steering compass

120 ft

The nearest cables to the compasses are as follows:—

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

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

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted.....

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.

ROTTERDAMSCHIE DOODOK MAATSCHAPPIJ

DIRECTEUR

Builder's Signature.

Date

K. C. G. G. G. G.

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. Material and workmanship good. The whole having been found in a good working condition during a trial. I am of opinion that same merits the approval of the Committee.

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

W.D.
30/9/24

Total Capacity of Generators 12.5 Kilowatts

The amount of Fee ...

£ 150.00.

When applied for,

23/9 1924

Travelling Expenses (if any) £

When received,

9/10/24

Surveyor to Lloyd's Register of Shipping.

J. H. Ochoa

Committee's Minute

FRI. 3 OCT 1924

Assigned

Im. 3. 2. Transfer.
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



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