

No. 15362

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office. 20 SEP 1926

No. in Survey held at Abbaferdam Date, First Survey 30-7-26 Last Survey 3.9-1926
Reg. Book. THE (Number of Visits 2)

on the *Steel Screw Steamer* "WESTLAND"

Tons { Gross
Net

Built at Alblasserdam By whom built J. Smut. Cn Yard No. 494 When built 1926 (Net

Owners *Scheepvaart & Handel van* Port belonging to *Rotterdam*

Electric Light Installation fitted by *C van Seventer.* Contract No. _____ When fitted *1916*

System of Distribution *Two consumers*

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 overload yes, are they compound wound yes

are they over compounded 5 per cent. no, if not compound would state distance between each generator

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

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 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..... 250

Earthing, are the bedplates and frames of the generating plant efficiently earthed *yes* are the prime movers and

their respective generators in metallic contact

Main Switch Boards, where placed *in engineroom*

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 c 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 , and is the

Frame effectively earthed Yes . Are the following fittings as per Rule, viz. :— spacing or shielding of live parts

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

ars 0.12 □", 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*

Quick shut off double pole knife

instruments on main switchboard one ammeters one voltmeters one 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 Two lamps

witches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules 450

Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule *22*

If portable lamps for use in dangerous spaces are supplied, are they of a type approved by the Home Office

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.

Clayton & Co.

Electrical Engineers.

Date *7 Aug: 1926*

COMPASSES.

Distance between electric generators or motors and standard compass

72 feet

Distance between electric generators or motors and steering compass

65 feet

The nearest cables to the compasses are as follows:—

A cable carrying *0.6* Ampères *3* feet from standard compass *1* feet from steering compass.

A cable carrying *✓* Ampères *✓* feet from standard compass *✓* 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. *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 *nil* degrees on *every* course in the case of the standard compass, and *nil* degrees on *even* course in the case of the steering compass.

SCHEEPWERF VAN DER JAN SMIT CZ.

Jan Smid

Builder's Signature.

Date *14.9.26*

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 fitted in accordance with the Society's Rules, was found in a good working order when tried and merits in my opinion the Committee's approval

Lee Light.

21/9/26.

Total Capacity of Generators *8* Kilowatts

The amount of Fee ...

£ 96.00

When applied for, *14/9/26*

Travelling Expenses (if any) £ *—*

When received, *21.9.26*

Surveyor to Lloyd's Register of Shipping.

J. J. Ochoa

Committee's Minute

Assigned