

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 26 JUN 1926

Date of writing Report 24-6-1926 When handed in at Local Office 24/6/26 Port of Hull

No. in Survey held at Hull Date, First Survey 3-3-26 Last Survey 11-6-1926
Reg. Book. (Number of Visits 8)

on the S.S. "WILLIAM SCORESBY."

Tons { Gross 324
Net

Built at Beverly By whom built Cook, Weller & Gemmell Yard No. 477 When built 1926

Owners Crown Agents for the Colonies Port belonging to London

Electric Light Installation fitted by Humber Electrical Eng. Co. Ltd. Contract No. When fitted 1926.

System of Distribution

Three wire ✓

Pressure of supply for Lighting

100 ✓

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 ✓

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

is an adjustable regulating resistance fitted in

series with each shunt field

Are all terminals accessible and clearly marked ✓

are they so spaced or shielded that they cannot be accidentally earthed,

or short circuited ✓

Are the lubricating arrangements of the generators as per Rule ✓

Position of Generators

Starts side of engine room.

is the ventilation in way of the generators satisfactory ✓

are they clear of all inflammable material ✓

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 ✓

are their axis of rotation fore and aft ✓

Earthing, are the bedplates and frames of the generating plant efficiently earthed ✓

are the prime movers and

their respective generators in metallic contact ✓

Main Switch Boards, where placed

Beside dynamo in engine room.

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 ✓

are they protected from mechanical injury and damage from water, steam or oil ✓

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 ✓

is all insulation of high dielectric strength and of

permanently high insulation resistance ✓

if semi-insulating material is used, are all conducting parts connected to one pole

insulated from the slab with mica or micaite and the slab similarly insulated from its framework

and is the

frame effectively earthed ✓

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

accessibility of all parts ✓

absence of fuses on back of board ✓

proportion of omnibus

bars ✓

individual fuses to voltmeter, pilot or earth lamp ✓

connections of switches ✓

Main Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches

Each outgoing circuit controlled by S.P. fuse & S.P. switch.

Instruments on main switchboard

One

ammeters

One

voltmeters

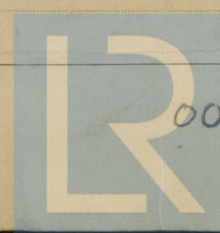
synchronising device for paralleling purposes.

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

Earth Lamp on Main Switch board

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

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



© 2020

002138-002150-0185 1/2

Lloyd's Register Foundation

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.

FOR THE HUMBER ELECTRICAL ENGINEERING CO.

W. S. Shuttleworth Proprietor

Electrical Engineers.

Date 22-6-26

COMPASSES.

Distance between electric generators or motors and standard compass

48 ft.

Distance between electric generators or motors and steering compass

45 ft.

The nearest cables to the compasses are as follows:—

A cable carrying .2 Ampères 70 feet from standard compass feet from steering compass.

A cable carrying .2 Ampères 70 feet from standard compass feet from steering compass.

A cable carrying .2 Ampères 70 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 no degrees on any course in the case of the standard

compass, and no degrees on any course in the case of the steering compass.

COOK, WELTON & GEMMELL, LTD.

Alfred L. Twiss
DIRECTOR

Builder's Signature.

Date 17-6-26

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.)

The Electrical Installation of this vessel has been fitted on board under special survey, tried under working conditions, & found in good order. It is eligible in my opinion to have the record "Electric Light".

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

W. D.
14/7/26.

Total Capacity of Generators 10 Kilowatts

The amount of Fee ... £ 10 : -

When applied for,
18/6 1926

Travelling Expenses (if any) £ :

When received,
23.12.26

P. Fitzgerald

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

Elec. Light



© 2020

Lloyd's Register
Foundation