

Report on Electrical Equipment.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 18 FEB 1948

Date of writing Report 14th Febr 1948. When handed in at Local Office 16th Febr. 1948. Port of Gothenburg

Survey held at Gothenburg Date, First Survey 21st July 47 Last Survey 6th February 1948. No. in Reg. Book. (Number of Visits 20)

19310 on the Motorship "ANNIE JOHNSON" Tons Gross 5017 Net 2879

Built at Gothenburg By whom built A-B. Götaverken Yard No. 392 When built 1925

Owners Rederi A-B. Nordstjärnan Port belonging to Stockholm partly

Electrical Installation/fitted by Barthold Edén Contract No. --- When fitted 1948

Is vessel fitted for carrying Petroleum in bulk No Is vessel equipped with D. F. Yes E. S. D. Yes Gy. C. No Sub. Sig. No

Have plans been submitted and approved Yes System of Distribution Two wire system Voltage of supply for Lighting 220

Heating 220 Power 220 Direct or Alternating Current, Lighting D.C. Power D.C. If Alternating Current state frequency --- Prime Movers,

has the governing been tested and found efficient when the whole load is suddenly thrown on and off Yes Are turbine emergency governors fitted with a trip switch as per Rule --- Generators, are they compound wound Yes are they level compounded under working conditions Yes

if not compound wound state distance between generators --- and from switchboard --- Where more than one generator is fitted are they arranged to run in parallel Yes are shunt field regulators provided Yes Is the compound winding connected to the negative or positive pole

Negative Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing Yes Have certificates of test for machines under 100 kw. been supplied Yes and the results found as per rule Yes Are the lubricating arrangements and the construction of the generators as per rule Yes

Position of Generators All on the port side on the engine room floor --- is the ventilation in way of generators satisfactory Yes are they clear of inflammable material Yes if situated near unprotected combustible material state distance from same horizontally --- and vertically --- are the generators protected from mechanical injury and damage from water, steam and oil Yes are the bedplates and frames earthed Yes and the prime movers and generators in metallic contact Yes

Switchboards, where are main switchboards placed On a platform in the aft end of the engine room between the main engines --- are they in accessible positions, free from inflammable gases and acid fumes Yes are they protected from mechanical injury and damage from water, steam and oil Yes if situated near unprotected combustible material state distance from same horizontally --- and vertically --- what insulation material is used for the panels Mica if of synthetic insulating material is it an Approved Type --- if of semi-insulating material (stocox marble) are all conducting parts insulated therefrom as per Rule Yes Is the frame effectually earthed Yes

Is the construction as per Rule Yes including accessibility of parts Yes absence of fuses on the back of the board Yes individual fuses to pilot and earth lamps, voltmeters, etc., Yes locking of screws and nuts Yes labelling of apparatus and fuses Yes fuses on the dead side of switches Yes Description of Main Switchgear for each generator and arrangement of equaliser switches A two pole circuit breaker with overload and reversed current trip gear.

and for each outgoing circuit A double pole switch and a fuse on each pole

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 7 ammeters 6 voltmeters --- synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to the equaliser connection Yes Earth Testing, state means provided Ohm - meter

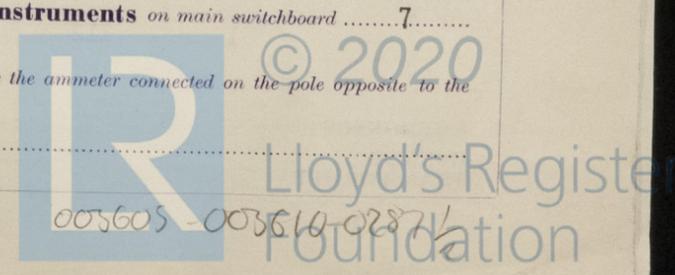
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The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.
 All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.
 The foregoing is a correct description.

..... Electrical Engineers. Date

COMPASSES.

Minimum distance between electric generators or motors and standard compass

Minimum distance between electric generators or motors and steering compass

The nearest cables to the compasses are as follows:—

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

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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 every course in the case of the

standard compass, and degrees on every course in the case of the steering compass.

..... Builder's Signature. Date

Is this installation a duplicate of a previous case No If so, state name of vessel

General Remarks (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)

This electrical installation has been completely overhauled and partly renewed.

The workmanship is good and all the Rule requirements have been complied with.

The Surveyors are requested not to write on or below the space for Committee's Minute.)

Total Capacity of Generators 332 Kilowatts.

The amount of Fee .Alt....	Kr. 200:00	{ When applied for, 16/2 1948. When received 19.....
Travelling Expenses (if any) Kr. ---		

Sten Johansson
 Surveyor to Lloyd's Register of Shipping.

WED 10 MAR 1948

Committee's Minute

Assigned See log 15849

