

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

SEP 1956

Date of writing Report 31/8 1956 When handed in at Local Office _____ 19____ Port of Stockholm

No. in Survey held at Lidingö Date, First Survey 8.2.56 Last Survey 15.6.1956
 Reg. Book. _____ (No. of Visits 4)

_____ on the "PARADISE BEACH" Tons { Gross _____ Net _____

Built at Lidingö By whom built Gustafsson & Andersson Varv Yard No. 758 When built 1956
 Owners Messrs. Paradise Beach & Transportation Co Port belonging to Nassau

Installation fitted by Göte Severbo When fitted 1956

Is vessel equipped for carrying Petroleum in bulk _____ Is vessel equipped with D.F. _____ E.S.D. _____ Gy.C. _____ Sub.Sig. _____ Radar _____

Plans, have they been submitted and approved Yes System of Distribution 3 wired Voltage of Lighting 110

Heating _____ Power 110 ~~D.C.~~ A.C., Lighting 110 Power _____ If A.C. state frequency 50

Prime Movers, has the governing been found as per Rule when full load is thrown on and off _____ Are turbine emergency governors fitted with a trip switch _____

Generators, are they compound wound _____, and level compounded under working conditions _____

Are the generators arranged to run in parallel _____ Is the compound winding connected to the negative or positive pole _____

Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing _____ Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule _____

Position of Generators _____

Is the ventilation in way of generators satisfactory _____ are they clear of inflammable material and protected from mechanical injury and damage from water, steam and oil _____

Switchboards, where are main switchboards placed In centre of engine room

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water, steam and oil Yes, what insulation is used for the panels Vulcanite with panels of pressed light alloy, if of synthetic insulating material is it an Approved Type _____, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule _____

Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgear for each generator and arrangement of equaliser switches Double pole knife switches with a fuse on each pole

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Rotary contact breaker with a fuse on each pole

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 3 ammeters 1 voltmeters _____ synchronising devices. For compound machines in parallel are the ammeters and reverse current protection devices connected on the pole opposite to the equaliser connection _____

Earth Testing, state means provided Lamps

Preference Tripping, state if provided _____, and tested _____

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

make of fuses IPÖ, are all fuses labelled Yes If circuit breakers are provided for the generators, at what overload do they operate _____, and at what current do the reverse current protective devices operate _____

Cables, are they insulated and protected as per Rule Yes

if otherwise than as per Rule are they of an Approved Type Yes, state maximum fall of pressure between bus bars and any point under maximum load _____ volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends _____

Are all the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical damage Yes, are any cables laid under machines or floorplates No, if so, are they adequately protected _____

State type of cables (if in conduit this should also be stated) in machinery spaces FDKL, galleys _____

and laundries _____ State how the cables are supported or protected Supported by metal trays and clips

Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes effectively bushed Yes

Refrigerated chambers, are the cables and fittings as per Rule _____

Have refrigeration fan motors been constructed under survey _____ and test certificates supplied _____

Are the motors accessible for maintenance at all times _____



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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.

Gustafsson & Andersson

Electrical Contractors.

Date 10.7.56

COMPASSES.

Have the compasses been adjusted under working conditions.

No

Gustafsson & Andersson

Builder's Signature.

Date 10.7.56

Have the foregoing descriptions and schedules been verified and found correct.

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

Plans. Are approved plans forwarded herewith. No If not, state date of approval 31.10.55.

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith. -

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.) -

This electrical equipment so far as now surveyed has been installed onboard the vessel under my inspection and to my satisfaction.

The workmanship and materials used in the installation are good.

To complete the survey during construction, the installation of the generators, electric motors and auxiliary equipment remain to be examined and the complete system megger tested and seen under working conditions as required by the Rules.

The survey will be completed at Nassau, Bahamas, where the main and auxiliary machinery will be installed and a copy of this report has been forwarded to the Miami Surveyor.

Total Capacity of Generators 3.5 Kilowatts.

The amount of Fee ... Kr. 180:--:

When applied for,
31/8 1956

Travelling Expenses (if any) Kr. 25:40

When received,
19

W.A. Bookin
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

See Rpt. 1

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



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