

Rpt. 13.

311 OCT 1961
No. 11729

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 25th June 1957 When handed in at Local Office Sept. 14, 1957 Port of Baltimore, Md.

No. in Survey held at Baltimore, Md. Date, First Survey 14 Jan. '57 Last Survey 24th June 1957
Reg. Book. (No. of Visits 2)

25162 on the "PARADISE BEACH"

Tons { Gross
Net launched
4.56

Built at Lidinge By whom built Gustafsson & Anderson Varv. Yard No. 758 When built 1956

Owners Messrs. Paradise Beach & Transportation Co. Port belonging to Nassau
Gote Severbo and 1956

Installation fitted by Baltimore Marine Repair Shop, Baltimore, Maryland When fitted 1957

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

Plans, have they been submitted and approved..... System of Distribution..... Voltage of Lighting.....

Heating..... Power..... D.C. or A.C., Lighting..... Power..... If A.C. state frequency.....

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.....

if not compound wound state distance between generators..... and from switchboard..... Are the generators arranged to run

in parallel....., are shunt field regulators provided..... Is the compound winding connected to the negative or positive pole

..... Have machines over 100 kw. 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.....

.....

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

steam and oil....., what insulation is used for the panels....., 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..... Description of Main Switchgear

for each generator and arrangement of equaliser switches.....

.....

and the switch and fuse gear (or circuit breakers) for each outgoing circuit.....

.....

.....

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule..... Instruments on main switchboard

ammeters..... voltmeters..... synchronising devices. For compound machines in parallel are the ammeters and reversed current

protection devices connected on the pole opposite to the equaliser connection..... Earth Testing, state means provided.....

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

make of fuses....., are all fuses labelled..... If circuit breakers are provided for the generators, at what

overload do they operate....., and at what current do the reversed current protective devices operate.....

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule.....

Cables, are they insulated and protected as per Rule....., if otherwise than as per Rule are they of an Approved Type.....

state maximum fall of pressure between bus bars and any point under maximum load....., are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets..... 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....., are any cables laid under machines or floorplates....., if so, are they

adequately protected..... Are cables in machinery spaces, galleys, laundries, etc., lead covered..... or run in conduit.....

or of the "HR" type..... State how the cables are supported or protected.....

.....

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Are all lead sheaths, armouring and conduits effectually bonded and earthed..... Are all cables passing through decks and watertight

bulkheads provided with deck tubes or watertight glands....., where unarmoured cables pass through beams, etc., are the holes

effectively bushed..... Refrigerated chambers, are the cables and fittings as per Rule.....

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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 Contractors. Date.....

COMPASSES.

Have the compasses been adjusted under working conditions.....

Builder's Signature. Date.....

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

Is this installation a duplicate of a previous case..... If so, state name of vessel.....

Plans. Are approved plans forwarded herewith..... If not, state date of approval.....

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

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

The electrical equipment, so far as now surveyed, has been installed on the vessel under my inspection and to my satisfaction.

The workmanship and material used in the installation are good.

The installation has been satisfactorily megger tested and examined under working condition as required by the rules.

Total Capacity of Generators..... Kilowatts.

The amount of Fee ... £ 25 : 00 :
 Travelling Expenses (if any) £ - : - :
 When applied for, March 10, 19 59
 When received, 19.....

Arthur Inman
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute NEW YORK OCT 11 1960

Assigned See Mini 315

2m.9.46.—Transfer.— (MADE AND PRINTED IN ENGLAND.)
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

3.11.60

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