

ewely

tivity.

th
opened

lan.

57

vibration

to

ers.

Register of Shipping.

B. C. CASE.

Rpt. 13.

REPORT ON ELECTRICAL EQUIPMENT

No. 24299.

27 JUN 1957

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 26th June 1957 When handed in at Local Office 26th June 1957 Received at London Office

No. in Survey held at Southampton Date, First Survey 15th March Last Survey 22nd May 1957

Reg. Book. on the M.V. "RESPITE" Ex "TID 36" (No. of Visits 9)

Built at Home By whom built Richard Dunstan Ltd Tons Gross 54.36 Net -

Owners Gray, Mackenzie & Co. Ltd Port belonging to London

Installation fitted by Glete Construction Co. Ltd. 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 Yes System of Distribution 2 wire Voltage of Lighting 220

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

Prime Mover, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted

with a trip switch Generators, are they compound wound Yes, 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 Aft end of E.R. is the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and

damage from water, steam and oil Yes Switchboards, where are main switchboards placed Aft end of E.R.

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 Totally enclosed, 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 30 amp fused isolating switch

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Each circuit outgoing from main

fuse box fused at 5 amps.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Instruments on main switchboard 1

ammeters 1 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 Switched lamps to + & - poles Earth Testing, state means provided

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

make of fuses G.E.C., 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 reversed current protective devices operate

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

Cables, are they insulated and protected as per Rule Yes, 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 0.8 v, are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets Yes 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 Are cables in machinery spaces, galleys, laundries, etc., lead covered Yes or run in conduit

of the "HR" type State how the cables are supported or protected Cable clips attached to

cable trays.

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

© 2021
Lloyd's Register
Foundation

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.

R. Green
GLEBE CONSTRUCTION WORKS,
QUAYSIDE ROAD,
SOUTHAMPTON.

Electrical Contractors.

Date 19/6/57

COMPASSES.

Have the compasses been adjusted under working conditions *No*

Builder's Signature.

Date

Have the foregoing descriptions and schedules been verified and found correct *Yes*

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

Plans. Are approved plans forwarded herewith *Yes* 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 of this vessel has been installed under Special Survey in accordance with the approved plan and Rule requirements. The materials and workmanship are good. The installation has been tested under working conditions and insulation resistance tests carried out. This electrical installation is, in my opinion, such as can be accepted for classification.

Total Capacity of Generators *7.5* Kilowatts.

The amount of Fee ... £ *10* : - : When applied for, *26/6/1957*

Travelling Expenses (if any) £ : : When received, *19*

H. B. Rogers
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRIDAY - 8 NOV 1957*

Assigned *See Rpt. 1.*