

12 APR 1951

Rpt. 13.

No. 535 C

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

2 APR 1951

Received at London Office

Date of writing Report 4-3 1951 When handed in at Local Office 7-3 1951 Port of Groningen
 No. in Survey held at Foxhol Date, First Survey 10-1-51 Last Survey 23-2-51
 Reg. Book. (No. of Visits 7)
 Tons Gross 376
 Net 171
 on the M.V. "Pollux" Yard No. 88 When built 1951
 Built at Foxhol By whom built Messrs "Muller"
 Owners Gebros. B. & K. Pronk Port belonging to Groninger
 Installation fitted by Groeneveld van der Poll & Los When fitted 1951
 Is vessel equipped for carrying Petroleum in bulk no Is vessel equipped with D.F. yes E.S.D. yes Gy.C. no Sub.Sig. no Radar no

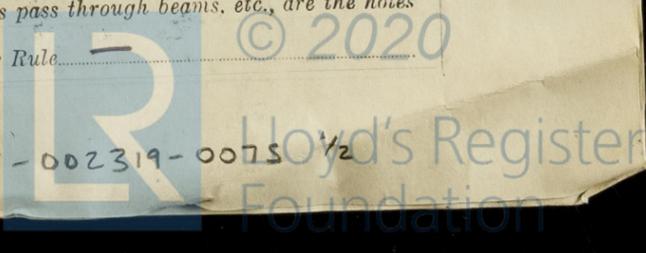
Plans, have they been submitted and approved yes System of Distribution two wire insul Voltage of Lighting 48
 Heating no Power 48 D.C. or A.C., Lighting D.C. Power D.C. If A.C. state frequency —
 Prime Movers, has the governing been found as per Rule when full load is thrown on and off yes Are turbine emergency governors fitted with a trip switch — Generators, are they compound wound no 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 no are shunt field regulators provided yes 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 yes and the results found as per Rule yes
 Position of Generators E.R. floor level
 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 E.R. above deep waterline
 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 dead front type match board 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 D.P. fuses and D.P.P.T. switch

and the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. switch & D.P. fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 2
 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 — Earth Testing, state means provided earth
 indicating lamps connected to "E" through D.P. switch & D.P. fuses
 Switches, Circuit Breakers and Fuses, are they as per Rule yes are the fuses an Approved Type yes (KEMA approved)
 make of fuses Weber 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 <6% 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 —
 or of the "HR" type — State how the cables are supported or protected Machinery spaces: h.l. & M.W.B. cable clipped to perforated plating, large held. h.l. & M.W.B. cable run in conduit
Accommodation spaces: h.l. cable clipped to power grounds

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 —

002305-002319-0075



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.

N.V. GROENEVELD VAN DER POLL & Co's
ELECTROTECHNISCHE FABRIEK
MONTAGE-BUREAU
EMMASINGEL 17 - GROENINGEN

Electrical Contractors. Date 28.3.51.

COMPASSES.

Have the compasses been adjusted under working conditions. yes

Scheepswerf „FOXHOED“
V. DEER MULLER
Schollenweg 55 FOXHOED

Builder's Signature. Date 28.3.51.

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. no If not, state date of approval. 2-1-1951

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

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 constructed and installed under special survey in conformity with the Society's Rules and Regulations and in accordance with the approved plans

The materials used are of a good quality and the design and workmanship are good. On completion the equipment has been tried out under full working conditions and found satisfactory. This equipment is in my opinion suitable for a classed vessel

Noted end 9/4/51

Total Capacity of Generators. 7^{1/2} Kilowatts.

The amount of Fee ... fl 123.00 : When applied for, 7.3.1951.

Travelling Expenses (if any) fl 54.00 : When received, 19.

H. V. D. SLUIS
Surveyor to Lloyd's Register of Shipping.

Committee's Minute. FRI. 13 APR 1951.

Assigned. See F. E. Walsh rph.

2nd. 9. 10. - Transfer. (MADE AND PRINTED IN ENGLAND.)
(The Surveyors are requested not to write on or below the space for Committee's Minute.)