

Rpt. 13.

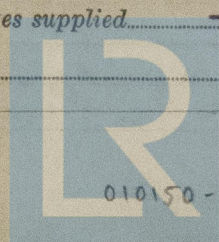
No. **1074**

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

16 MAR 1953

Date of writing Report 5-3 1953 When handed in at Local Office 10-3 1953 Port of AmsterdamNo. in Survey held at Alphen a/d Ryn Date, First Survey 14-11-52 Last Survey 4-2 1953
Reg. Book. (No. of Visits 4)on the Motor patrol vessel "BIDO"Tons { Gross 194.34
Net 75.55Built at Alphen a/d Ryn By whom built de Vries Lentsch Yard No. CD103 When built 16-12-52Owners Republik Indonesia Port belonging to DjakartaInstallation fitted by N.V. R.E.M. Th. H. Coen & Co When fitted 16-12-52Is 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 noPlans, have they been submitted and approved yes System of Distribution two wire insulated Voltage of Lighting 110Heating — Power 110 D.C. or A.C., Lighting DC Power DC 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 fittedwith a trip switch — Generators, are they compound wound yes and level compounded under working conditions yesAre the generators arranged to run in parallel no Is the compound winding connected to the negative or positive pole negative poleHave machines 100 kw. and over been inspected by the Surveyors during manufacture and testing — Have certificates of test for machinesunder 100 kw. been supplied and the results found as per Rule yes Position of Generators E.R. floor levelis the ventilation in way of generators satisfactory yes are they clear of inflammable material and protected from mechanical injury anddamage from water, steam and oil yes Switchboards, where are main switchboards placed E.R. St. Bd. side against hullare 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 switchboard, if of synthetic insulatingmaterial 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 Switchgearfor each generator and arrangement of equaliser switches D.P. switches & D.P. fusesand the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. change over switch & D.P. fusesonly the windlass has D.P. switch & D.P. fuses on the diesel driven generator busbarsAre compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 2ammeters 2 voltmeters — synchronising devices. For compound machines in parallel are the ammeters and reverse currentprotection devices connected on the pole opposite to the equaliser connection — Earth Testing, state means provided two setsearth indicating 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 (NEMA approved)make of fuses Hazemeyer & Weber, are all fuses labelled yes If circuit breakers are provided for the generators, at whatoverload do they operate —, and at what current do the reverse current protective devices operate —Cables, are they insulated and protected as per Rule yesif otherwise than as per Rule are they of an Approved Type —, state maximum fall of pressure between bus bars and any pointunder maximum load < 6% 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 — Statetype of cables (if in conduit this should also be stated) in machinery spaces MCC & VIR-LCB MNB, galleys MCCand laundries — State how the cables are supported or protected CC & MNB cable clipped toperforated plating; full plating - or wooden cable runsAre all lead sheaths, armouring and conduits effectually bonded and earthed yes Are all cables passing through decks and watertightbulkheads provided with deck tubes or watertight glands yes, where unarmoured cables pass through beams, etc., are the holeseffectively 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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010150-010162-0318 1/2

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. Rotterdamsche Electriciteits Mij.

v/h H. CROON & Co.

DIR.

Electrical Contractors.

Date 15-1-53

COMPASSES.

Have the compasses been adjusted under working conditions.

N.V. AMSTERDAMSCH E SCHEEPSWERF

G. de Vries Lentsch Jr.

FILIAAL ALPHEN a.d. RIJN

Builder's Signature.

Date 17-2-53

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

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

Plans. Are approved plans forwarded herewith no If not, state date of approval 14-12-1951

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

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

The electrical equipment of this vessel has been installed under Special Survey in conformity with the Society's Rules and Regulations and in accordance with the Secretary's letters and the approved plans or equivalent thereto.

The materials used are of a good quality and the design and workmanship are good.

On completion the equipment has been tried under full working conditions and found satisfactory.

This equipment is in my opinion suitable for a classed vessel.

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

Total Capacity of Generators 22.5 Kilowatts.

The amount of Fee ... fl. 315.- : When applied for, 12-3-1953

Travelling Expenses (if any) fl. 23.- : When received, 19

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

FRIDAY 17 JUL 1953

See minute on
fe master's r/s



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