

Rpt. 13.

No. 35489C

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

11 NOV 1952

Date of writing Report 28-9 1952 When handed in at Local Office 6-10 1952 Port of Rotterdam

No. in Survey held at Sliedrecht Date, First Survey 27 May '52 Last Survey 3rd Sept 1952
Reg. Book.

(No. of Visits 9)

90208 on the M.V. "BEO" Tons { Gross 194.34
Net 15.55

Built at Sliedrecht By whom built de Klop Yard No. 181 When built 9/52

Owners. Republik Indonesia Port belonging to Djakarta

Installation fitted by M.V. R.E.M. v/h H. Croon & Co When fitted 9/52

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 two wire insulated Voltage of Lighting 110

Heating — Power 110 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. yes (except shaft driven generator) Generators, are they compound wound. yes, and level compounded under working conditions. yes

Are the generators arranged to run in parallel. no Is the compound winding connected to the negative or positive pole. negative

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 E.R. floor level port side

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. floor level starboard

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 switchboard, 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. switch & D.P. fuses

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

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule. yes Instruments on main switchboard 2

ammeters 2 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 earth ind.

lamps for each busbar system 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 (KEM approved)

make fuses Hagerman & 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 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. —, state maximum fall of pressure between bus bars and any point

under maximum load. < 4% 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. MICE & LC & MWB, galleys. MICE

and laundries. — State how the cables are supported or protected. Machinery spaces MICE or

LC & MWB cable clipped to perforated plating

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.

N.V. Rotterdamsche Electriciteits Mij.
v/h H. CROON & Co
DIR

Electrical Contractors.

Date

COMPASSES.

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

N.V. SCHEEPSBOUWWERF
EN MACHINEFABRIEK
"DE KLOP"

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... *yes*

If so, state name of vessel

"Bango" de klop N° 10180

Plans. Are approved plans forwarded herewith... *no*

If not, state date of approval

24-12-'51

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 the Secretary's letter 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.

Total Capacity of Generators... *22.5* Kilowatts.

The amount of Fee ...

3:15 = :

When applied for,

7/11 19.52

Travelling Expenses (if any) ...

16.- :

When received,

19

H.v.d. BLUIS
Surveyor to Lloyd's Register of Shipping.

TUES. 6 JAN 1953'

Committee's Minute

Assigned

Sac F.E. moly. rpt.