

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 5-10 1952 When handed in at Local Office 7-10 1952 Port of Rotterdam
No. in Survey held at Kinkerdijk Date, First Survey 27 May '52 Last Survey 3rd Sept 1952
Reg. Book. (No. of Visits 7)
90251 on the M.V. "BABUT"
Built at Kinkerdijk By whom built L. Smit & Zn. Yard No. CO 179 When built 1952
Owners Republic Indonesia Port belonging to Djakarta
Installation fitted by L. Smit en Zoon's Scheeps- en Werktuigbouw N.V. When fitted 8/52
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 P.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 P.R. floor level starboard side
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.T. 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 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 (K.E.D. approved)
make of fuses Hasenauer & 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 MICC & LC & MWB, galleys MICC
and laundries State how the cables are supported or protected Machinery spaces: LC 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

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.

L. SMIT & ZOON'S
D.P. Scheeps- & Werktuigbouw N.V.
KINDERDIJK

Electrical Contractors. Date

COMPASSES.

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

L. SMIT & ZOON'S
D.P. Scheeps- & Werktuigbouw N.V.
KINDERDIJK

Builder's Signature.

Date *31.10.52*

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 LO 180*

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 plan 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.

Noted RM 26-11-52

Total Capacity of Generators. *22.5* Kilowatts.

The amount of Fee ... £

3.15 =

When applied for,

10/11 19.52

Travelling Expenses (if any) £

/5 =

When received,

19

Shall / *Hv. d. SLUIS*
Surveyor to Lloyd's Register of Shipping.

TUES. 6 JAN 1953

Committee's Minute

Assigned

See F.E. mchug. xpb