

No. 369579

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Writing Report 19 When handed in at Local Office 19 Port of ROTTERDAM

Survey held at DRUTEN Date, First Survey 2-7-53 Last Survey 21-7-1953

(No. of Visits 3)

on the MV "BAJAN"

Tons { Gross 194
Net 137

at Druten By whom built Janssen Yard No. J 129 When built 8/53

for INDONESIAN GOVERNMENT Port belonging to DJAKARTA

Installation fitted by Croon & Co When fitted 8/53

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

Have they been submitted and approved yes System of Distribution two wire insulated Voltage of Lighting 110

Power 110 D.C. or A.C., Lighting D.C Power D.C If A.C. state frequency

Movers, has the governing been found as per Rule when full load is thrown on and off yes Are turbine emergency governors fitted yes (except shaft driven generator)

trip switch Generators, are they compound wound, and level compounded under working conditions yes

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

machines 100 kw. and over been inspected by the Surveyors during manufacture and testing Have certificates of test for machines

100 kw. been supplied and the results found as per Rule Position of Generators ER floor level stbd side

ventilation in way of generators satisfactory yes are they clear of inflammable material and protected from mechanical injury and

protection from water, steam and oil yes Switchboards, where are main switchboards placed ER floor level port side

Are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

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

Main switch generator and arrangement of equaliser switches DP switch & DP fuses

Main switch and fuse gear (or circuit breakers) for each outgoing circuit DPDT switch & DP fuses

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

meters 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

Tests for each busbar system Preference Tripping, state if provided, and tested

Circuit Breakers and Fuses, are they as per Rule yes, are the fuses an Approved Type yes (KEMA approved)

Type of fuses Weber & EMP (Eng) are all fuses labelled yes If circuit breakers are provided for the generators, at what

current do they operate, and at what current do the reverse current protective

devices operate Cables, are they insulated and protected as per Rule yes

Otherwise than as per Rule are they of an Approved Type, state maximum fall of pressure between bus bars and any point

maximum load < 4% volts Are all paper insulated and varnished cambric insulated cables sealed at the ends

Will 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

Location of cables (if in conduit this should also be stated) in machinery spaces MICC and LC & MWB, galleys MICC

Undries State how the cables are supported or protected Machinery spaces: CC or

MWB cable clipped to perforated plating

Lead sheaths, armouring and conduits effectually bonded and earthed yes Are all cables passing through decks and watertight

closures provided with deck tubes or watertight glands yes, where unarmoured cables pass through beams, etc., are the holes

adequately bushed yes Refrigerated chambers, are the cables and fittings as per Rule

Ship refrigeration fan motors been constructed under survey and test certificates supplied

Are fan motors accessible for maintenance at all times

009888-009895-0128 1/2

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.

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

Electrical Contractors.

Date 11-8-53

COMPASSES.

Have the compasses been adjusted under working conditions.

M.V. SCHEFFERS

Builder's Signature.

Date 17 AUG 1953

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 "BOGA" Stapel No 26

Plans. Are approved plans forwarded herewith no If not, state date of approval 23-1-53

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 letter and 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 JS
12/11/53

Total Capacity of Generators 25 Kilowatts.

The amount of Fee ... £N. 275 = : When applied for, 28.10.1953

Travelling Expenses (if any) £N. 31.50 = : When received, 19.

acbailey.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute THURSDAY 19 NOV 1953

Assigned See Apt. H.C.