

Rpt. 13.

No. 311

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 10.3. 1960 When handed in at Local Office 12.3. 1960 Port of EMDEN

No. in Survey held at Papenburg Date, First Survey 23.10.59 Last Survey 6.2. 1960
Reg. Book. (No. of Visits 5)

on the "WATUDAMBO"

Tons { Gross 2165.31
Net 1125.13

Built at Papenburg By whom built Jos. L. Meyer Yard No. 499 When built 2.60

Owners Republic of Indonesia Port belonging to Djakarta

Installation fitted by Wiechmann & Co., Bremen When fitted 2.60

Is vessel equipped for carrying Petroleum in bulk no Is vessel equipped with D.F. yes E.S.D. yes Gy.C. yes Sub.Sig. no Radar yes

Plans, have they been submitted and approved yes System of Distribution 2 wire insulated Voltage of Lighting 220

Heating 220 Power 220 D.C. ~~XXXX~~ Lighting yes Power yes 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 yes, and level compounded under working conditions yes

Are the generators arranged to run in parallel yes 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 yes Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule yes Position of Generators E.R. floor, stb.

forward and aft, port aft.

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, fwd. of

Engine Room

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 steel, deadfront type, 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 Triple pole linked circuit-breakers fitted with QC and

R/C releases third pole used for equalizer.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Triple pole linked switches with fuses

in each pole

Are compartments containing switchboards composed of fire-resisting material ~~XXXXXX~~ yes Instruments on main switchboard 5

ammeters 3 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 yes Earth Testing, state means provided Ohmmeter

Preference Tripping, state if provided yes, and tested yes

Switches, Circuit Breakers and Fuses, are they as per Rule yes, are the fuses an Approved Type yes

make of fuses Lindner Bamberg, are all fuses labelled yes If circuit breakers are provided for the generators, at what

overload do they operate 585 amps, and at what current do the reverse current protective-

devices operate 60 amps Cables, are they insulated and protected as per Rule yes

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

under maximum load less than 5 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 MK and Butyl insulated galleys MK and Butyl insulated

and laundries MK and Butyl insulated State how the cables are supported or protected suitable clipped on cable

trays or structure

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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Lloyd's Register
Foundation

Insulation Tests, has the insulation resistance of all circuits and apparatus been tested and found satisfactory.....yes

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.

Jos. L. Meyer

Electrical Contractors.

Date 11.3.1960

COMPASSES.

Have the compasses been adjusted under working conditions.

Jos. L. Meyer

Builder's Signature.

Date 11.3.1960

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. yes If not, state date of approval. --

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 accordance with the approved plans and the Secretary's letters and the materials and workmanship are good.

On completion the equipment has been tried under working conditions and found satisfactory. This Equipment in my opinion is suitable for a Classed vessel with notation + LMC.

Gmb.

Total Capacity of Generators 380 Kilowatts.

The amount of Fee £ 99. 0.0.

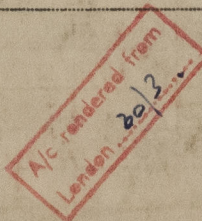
When applied for,

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When received,

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Travelling Expenses (if any) £ 10. 0.0.



G Maskov

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRIDAY - 6 MAY 1960

Assigned

See Rpt. 1