

Rpt. 13.

No. 366319

## REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

10 AUG 1953

Date of writing Report 19-7-53 When handed in at Local Office 21-7-53 Port of Rotterdam

No. in Survey held at 53 H. I. Ambacht Date, First Survey 30 Aug '52 Last Survey 13th March 1953

Reg. Book. (No. of Visits 8)

on the Motor patrol vessel "BLIBIS"

Built at Hendrik J. de Ambacht By whom built Jonker &amp; Stans Yard No. 270 When built 6-153

Owners "Republik Indonesia" Port belonging to Djakarta

Installation fitted by N.V. R.E.M. Th. H. Croon &amp; Co When fitted 6-153

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 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 fitted yes

with a trip switch — Generators, are they compound wound Diesel driven and level compounded under working conditions Diesel driven

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

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 yes Position of Generators E.R. floor level

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. St Bd. side against hull

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. switches &amp; D.P. fuses

and the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. change over switch &amp; D.P. fuses,

only the windlass has D.P. switch &amp; D.P. fuses on the diesel driven generator bus bars

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 two sets

earth 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 (KEMA approved)

make of fuses Hazemeyer &amp; 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 &lt; 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 — State

type of cables (if in conduit this should also be stated) in machinery spaces M.C.C. &amp; V.I.R.-LC &amp; M.N.B., galleys M.C.C.

and laundries — State how the cables are supported or protected CC &amp; M.N.B. cable clipped to

perforated plating; full plating - or wooden cable runs

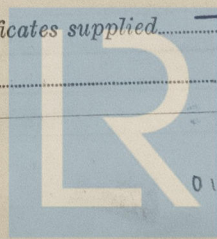
Are all lead sheaths, armouring and conduits effectually bonded and earthed yes Are all cables passing through decks and watertight

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

*All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.*

N.V. Rotterdamsche Electriciteits Mij.  
H. CROON & CO.

Electrical Contractors. Date 10-7-1953

## COMPASSES.

Have the compasses been adjusted under working conditions.....✓✓✓

COMM. VENNOOTSCHAP  
SCHEEPSWERF EN GASHOUDERBOUW  
De JONKERMAN

Builder's Signature. Date 20-7-153

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 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 All 31-8153

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

The amount of Fee ... *£. 248 =* : When applied for,

When applied for,  
4.8.1953

Travelling Expenses (if any) £. 45, 50 : When received, \_\_\_\_\_ 19.....

When received,  
19

Surveyor to Lloyd's Register of Shipping.

Committee's Minute THURSDAY - 3 SEP 1953

FRIDAY 13 NOV 1953

Assigned See F.E. mch. rpt. // See Dja. Rpt.