

Rpt. 13.

No. 9822.

## REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

21 SEP 1953

Date of writing Report 12-9-1953 When handed in at Local Office 14-9-1953 Received at London Office  
 Port of SINGAPORE  
 No. in Survey held at Singapore Date, First Survey 18-8-53 Last Survey 8-9-1953  
 Reg. Book. (No. of Visits 5)  
 20707 on the "NASSAU"  
 Built at Rochester N.Y. By whom built Odenbach S.B.Co Yard No. When built 1944  
 Owners Ned Lines Guinea Petroleum Treas Port belonging to The Hague  
 Installation fitted by When fitted

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

Plans, have they been submitted and approved Yes System of Distribution 3 PHASE 2 WIRE DC POWER Voltage of Lighting 110

Heating. ✓ Power 220 AC D.C. or A.C., Lighting AC Power AC + DC If A.C. state frequency 60 cycles

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

if not compound wound state distance between generators. ✓ and from switchboard. ✓ Are the generators arranged to run

in parallel. Yes, are shunt field regulators provided Yes Is the compound winding connected to the negative or positive pole

Have machines over 100 kw. 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 in engine room forward port & starboard

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 in E.R. forward

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 AC switchboard - "dead front" if of synthetic insulating

material is it an Approved Type Yes 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. AC.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit AC. triple pole circuit

breakers - (DC. knife switches & fuses - cargo only)

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule. ✓ Instruments on main switchboard 3

ammeters 1 voltmeters 1 synchronising devices. For compound machines in parallel are the ammeters and reversed current

protection devices connected on the pole opposite to the equaliser connection. ✓ Earth Testing, state means provided

inc. lamps

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

make of fuses U.S. type, are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate 250 amps, and at what current do the reversed current protective devices operate. ✓

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule Yes

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. automatic voltage reg. are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets. Yes 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. ✓ Are cables in machinery spaces, galleys, laundries, etc., lead covered. Yes or run in conduit. ✓

or of the "HR" type. ✓ State how the cables are supported or protected clips and armoured.

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. ✓ Refrigerated chambers, are the cables and fittings as per Rule. ✓

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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.

Electrical Contractors.

Date

#### COMPASSES.

Have the compasses been adjusted under working conditions

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 ~~not known~~ If so, state name of vessel

✓

Plans. Are approved plans forwarded herewith

No.

If not, state date of approval

NOTED.

17-7-53.

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith

No

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)

The electrical installation of this vessel has been examined for classification in accordance with Rule requirements for vessels not built under survey and the Secretary's letter.

The installation has been examined and insulation megger tested and found to be in good condition

The quality of materials and workmanship are good

In my opinion the electrical installation of this vessel is in good condition and eligible to be classed

Total Capacity of Generators 120 Kilowatts.

The amount of Fee ... £

:

:

When applied for,

19

When received,

19

Travelling Expenses (if any) £

:

:

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUESDAY 29 SEP 1953

Assigned

See minute in  
file, hull etc.



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