

12 MAY 1952

No. 13641

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 12 MAY 1952

pt. 13.

Date of writing Report 8TH MAY 1952 When handed in at Local Office 8TH MAY 1952 Port of TRIESTE

No. in Survey held at TRIESTE Date, First Survey SEE RPT. 466 Survey 19 (No. of Visits)

s 4190 on the M/V "BRUNA" Ex "BRUNA M" Tons Gross 146 Net

Built at TRIESTE By whom built CANT. MARTINUZZI Yard No. 13 When built 1947

Owners ZABAN S.A. Port belonging to MONROVIA

Installation fitted by CANT. MARTINUZZI When fitted 1947

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 1 PLAN ATTACHED System of Distribution 2 WIRE Voltage of Lighting 24

Heating - Power - D.C. or A.C., Lighting D.C. Power NONE 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 SHUNT ONLY, and level compounded under working conditions -

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

in parallel No, 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 No and the results found as per Rule -

Position of Generators 1 DRIVEN BY MAIN ENG. 1 BY Aux. ENG. IN MACHY SPACE

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 MACHY SPACE

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 SINDANYO, 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 THE TWO AUTOMOBILE TYPE GENERATORS

ARE ARRANGED FOR BATTERY CHARGING ONLY THROUGH S.P. SWITCHES

(1 POLE IS EARTHED) & AUTOMATIC CUT-OUTS.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit THE DISTRIBUTION IS

2 WIRE THROUGH D.P. SWITCHES WITH FUSE ON EACH POLE.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule YES Instruments on main switchboard 1

ammeters 1 voltmeters - 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 NONE

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

make of fuses F.E.R., 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 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 - are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets - 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 YES, if so, are they

adequately protected YES 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 CLIPPED AS NECESSARY

L.C. & STEEL BRAIDED

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 -

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

PARTICULARS OF GENERATING PLANT.

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 YES

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 NO If so, state name of vessel -

Plans. Are ~~approved~~ plans forwarded herewith 1 If not, state date of approval -

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, THE INSULATION RESISTANCE
TESTED, ALL TRIED UNDER FULL WORKING CONDITIONS
AND THE WORKMANSHIP AND MATERIALS FOUND GOOD.
IN VIEW OF THE SIZE OF VESSEL, RESTRICTED
PROPOSED CLASSIFICATION AND USE FOR LOW VOLTAGE
LIGHTING ONLY IT IS SUBMITTED THE INSTALLATION
IS ELIGIBLE TO BE CLASSED

al Capacity of Generators 1.1 Kilowatts.

3 Lig of Fee ... £
CIRCULAR RPT 9
BOARD

When applied for,

19

When received,

19

penses (if any) £

Surveyor to Lloyd's Register of Shipping.

FRL 23 MAY 1952

s Minute

See minute on Rpt 9



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Foundation