

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 14/12/ 1964 When handed in at Local Office 19 Port of GENOA

No. in Survey held at GENOA Date, First Survey 11/7/64 Last Survey 30/11/ 19 64
Reg. Book (No. of Visits 20)on the m.t. "GIUSEPPE VERDI" Tons { Gross 31,133
Net -

Built at GENOA SESTRI By whom built ANSALDO S.A. CANTIERE NAVALE Yard No. 1597 When built 1964-11

Owners BLACKSEA STATE STEAMSHIP LINES U.S.S.R. Port belonging to ODESSA

Installation fitted by ANSALDO CANTIERE NAVALE When fitted 1964-11

Is vessel equipped for carrying Petroleum in bulk yes 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 parallel system 3-phase 3-wire Voltage of Lighting 127

Heating 127 Power 380 D.C. or A.C. Lighting A.C. Power A.C. If A.C. state frequency 50

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 no Generators, are they compound wound - and level compounded under working conditions -

Are the generators arranged to run in parallel yes Is the compound winding connected to the negative or positive pole -

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 platform level: 1-550kW port;

1-550kW stbd. inbd., 1-550 kW stbd. outbd. on flat stbd. 1-200kW inbd., 1-450 kW outbd.

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 on flat fwd. end of E.R. central

position.

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, 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 a three-pole circuit breaker with short circuit and overload

protective devices on each pole.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit a three-pole circuit breaker with short-circuit

and overload protective devices on each pole.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 25

ammeters 7 voltmeters 1 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

indicating lamps-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 "SIEMENS" & "HALSHE", are all fuses labelled yes If circuit breakers are provided for the generators, at what

overload do they operate 115% of rated circuit, and at what power do the reverse power protective

devices operate 10% of rated kW Cables, are they insulated and protected as per Rule no

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 6% volts Are all paper insulated and varnished cambric insulated cables sealed at the ends not fitted

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 State

type of cables (if in conduit this should also be stated) in machinery spaces BKAR or GKAR, galleys BKAR or GKAR

and laundries BKAR or GKAR State how the cables are supported or protected supported by galvanized or painted

perforated steel trays. Secured by metal clips. Where cables exposed to risk of mechanical damage ade-

quately protected.

Are all cables armoured 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 stores chambers, are the cables and fittings as per Rule yes

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

0059 21/2

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

ANSALDO S.P.A. - CAN

II Direttore

Electrical Contractors.

Date 12 GEN 1965

COMPASSES

Have the compasses been adjusted under working conditions

YES

ANSALDO S.P.A. - CAN

II Direttore

Builder's Signature.

Date 12 GEN 1965

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 "GALILEO GALILEI" Yard No. 1596.

Plans. Are approved plans forwarded herewith

no

If not, state date of approval 19/11/1962 - 19/3/1963 - 18/11/1963.

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 ship has been constructed and fitted under special survey and in accordance with the approved plans, Secretary's letters and Rule requirements. The material and workmanship are good. Upon completion the plant was tried under working conditions. The insulation resistance tested and all found satisfactory. This installation is eligible, in my opinion, for full classification.

(MADE AND PRINTED IN ENGLAND)
(The Surveyors are requested not to write on or below the space for Committee Minute.)

Total Capacity of Generators 2450 Kilowatts.

The amount of Fee ...

Lit 656.250

When applied for,

29/1/1965

Travelling Expenses (if any)

(See Rpt. 1)

When received,

✓ 19

Surveyor to Lloyd's Register of Shipping

Committee's Minute

FRIDAY 19 MAR 1965

Assigned

See Rpt. 1.



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