

No. 5169

## REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

17 JUN 1954

ing Report 15-5-1954 When handed in at Local Office 19 Port of NAPLES  
 Survey held at NAPLES Date, First Survey Last Survey 8<sup>th</sup> May 1954  
 (No. of Visits )

on the MOTOR TANKER "ROSA PELLEGRINO"  
 NAPLES By whom built CANT. NAV. PELLEGRINO Yard No. 94 When built 1954

CIRO PELLEGRINO & FIGLIO. Port belonging to NAPLES.

on fitted by IMPRESA ELETTROTECNICA RICCARDO NAPOLITANO. When fitted 1954.

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

ve they been submitted and approved YES. System of Distribution TWO WIRE INSULATED Voltage of Lighting 110

Power 110 D.C. or A.C., Lighting DC Power DC: If A.C. state frequency

vers, has the governing been found as per Rule when full load is thrown on and off YES Are turbine emergency governors fitted

ip switch YES Generators, are they compound wound YES, and level compounded under working conditions YES

generators arranged to run in parallel No Is the compound winding connected to the negative or positive pole NEGATIVE

chines 100 kw. and over been inspected by the Surveyors during manufacture and testing YES Have certificates of test for machines

0 kw. been supplied and the results found as per Rule YES Position of Generators LEACH DISK W P & S FWD

KW SUSPENDED FROM BOWER PLAT OVER ME INTERMEDIATE SHAFT 10 SKW PATE 10 SKW (SM) ON BOWER PLAT

ntilation in way of generators satisfactory YES are they clear of inflammable material and protected from mechanical injury and

from water, steam and oil YES Switchboards, where are main switchboards placed S. SIDE FORD ON RAISED

AT A LEVEL WITH ME TOPS

in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

d oil YES, what insulation is used for the panels MICANITE, if of synthetic insulating

is it an Approved Type YES, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as

Is the construction as per Rule, including locking of screws and nuts YES Description of Main Switchgear

generator and arrangement of equaliser switches D.P. KNIFE SWITCHES & D.P. CIRCUIT BREAKERS

OVERLOAD PROTECTION IN + & - POLES

switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. AUTOMATIC STOTZ TYPE HAVING OVER-

PROTECTION & FUSES.

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

rs 5 voltmeters 1 OHMMETER-VOLTMETER. For compound machines in parallel are the ammeters and reverse current

on devices connected on the pole opposite to the equaliser connection YES Earth Testing, state means provided OHMMETER

IPS COUPLED TO E THRO SWITCHES & FUSES Preference Tripping, state if provided YES, and tested YES

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

fuses CROCI & FARINELLI, are all fuses labelled YES If circuit breakers are provided for the generators, at what

do they operate 20% and at what current do the reverse current protective

operate YES Cables, are they insulated and protected as per Rule YES

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

maximum load 2 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends YES

the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical

YES, are any cables laid under machines or floorplates No, if so, are they adequately protected YES State

cables (if in conduit this should also be stated) in machinery spaces LCBA LC, galleys YES

ndries State how the cables are supported or protected CLIPPED TO SURFACE OR TO

ANISED STEEL TRAY. IN GALVANISED GAS TIGHT STEEL TUBING IN PUMP ROOMS.

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

ds provided with deck tubes or watertight glands YES, where unarmoured cables pass through beams, etc., are the holes

ly bushed YES Refrigerated chambers, are the cables and fittings as per Rule YES

frigeration fan motors been constructed under survey YES and test certificates supplied YES

motors accessible for maintenance at all times YES

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Alternative Lighting, are the groups of lights in the engine and boiler rooms arranged as per Rule..... Emergency Supply, state position



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.

*[Signature]*

Electrical Contractors.

Date 31 May 1954

#### COMPASSES.

Have the compasses been adjusted under working conditions Yes.

CANTIERE NAVALE PELLEGRINO

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 Yes If not, state date of approval ✓

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

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.)

THE ELECTRICAL EQUIPMENT HAS BEEN INSTALLED UNDER SPECIAL SURVEY IN ACCORDANCE WITH THE APPROVED PLANS AND THE SECRETARY'S LETTERS, THE ARRANGEMENTS BEING AS SHOWN ON THE APPROVED PLANS OR EQUIVALENT THERETO. THE MATERIALS & WORKMANSHIP ARE GOOD. THE EQUIPMENT WAS TRIED UNDER WORKING CONDITIONS AND FOUND SATISFACTORY AND THE INSULATION RESISTANCE OF ALL CIRCUITS AND APPARATUS MEASURED & FOUND GOOD.

THIS EQUIPMENT IS IN MY OPINION SUITABLE FOR A CLASSED VESSEL.

Noted 95  
23/7/54

Total Capacity of Generators 55 ✓ Kilowatts.

SCALE FEE £135,000

LESS 15% DUAL CLASS.

The amount of Fee ... £ 114,750.

GENERAL EXPENSES. 11,475.

REV TAX. 3,787.

Travelling Expenses (if any) £

When applied for,

19

When received,

19

*[Signature]*

Surveyor to Lloyd's Register of Shipping.

FRIDAY 1 OCT 1954

Committee's Minute

Assigned

*[Signature]*



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