

Rpt. 13.

No. 40755.

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

140 AUG 1953

Date of writing Report 24<sup>th</sup> July 1953. When handed in at Local Office 12. 8. 19 53

Port of GLASGOW

No. in Survey held at DUMBARTON.

Date, First Survey 17<sup>th</sup> April Last Survey 23<sup>rd</sup> July 1953

Reg. Book.

(No. of Visits 6)

Tons { Gross 9150  
Net 5242

91537 on the SS. 'GEORGE'.

Built at DUMBARTON. By whom built W<sup>m</sup> DENNY & BROS LTD Yard No. 1460 When built 1953

Owners A. G. PAPPADAKIS Port belonging to MONROVIA.

Installation fitted by W<sup>m</sup> DENNY & BROS. LTD When fitted 1953

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

Plans, have they been submitted and approved YES System of Distribution TWO WIRE Voltage of Lighting 220

Heating Power 220 D.C. or A.C., Lighting D.C. Power D.C. If A.C. state frequency

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

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

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

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 Position of Generators ON FLAT STARBOARD SIDE

OF ENGINE ROOM.

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 ADJACENT TO GENERATORS.

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 YES 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 TRIPLE POLE CIRCUIT BREAKER FITTED WITH OVERLOAD

AND REVERSE CURRENT TRIPS.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit DOUBLE POLE KNIFE PATTERN SWITCH

WITH FUSES.

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

ammeters THREE 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 YES Earth Testing, state means provided

EARTH LAMPS.

Preference Tripping, state if provided No, and tested

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

make of fuses GENERAL ELECTRIC CO, are all fuses labelled YES If circuit breakers are provided for the generators, at what

overload do they operate 150% FULL LOAD CURRENT, and at what current do the reverse current protective

devices operate 10% - 15% FULL LOAD CURRENT. Cables, are they insulated and protected as per Rule YES

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 10 volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends YES

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 LCAB, galleys L.C.

and laundries YES State how the cables are supported or protected MAINS L.C. CABLES CLIPPED

TO PLATE WITH COVER FITTED, MACHINERY SPACE LCAB CABLES CLIPPED TO PERFORATED

TRAY, ACCOMMODATION L.C. CABLE CLIPPED TO WOODWORK.

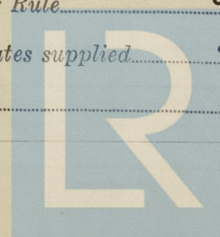
Are all lead sheaths, armouring and conduits effectually bonded and earthed YES Are all cables passing through decks and watertight

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 YES

Have refrigeration fan motors been constructed under survey YES and test certificates supplied YES

Are the motors accessible for maintenance at all times YES



© 2021

Lloyd's Register  
Foundation

004426-004431-0136 1/2



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



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.

FOR WILLIAM DENNY & BROTHERS LIMITED.

*Campbell* Director and Secretary

Electrical Contractors.

Date

#### COMPASSES.

Have the compasses been adjusted under working conditions.

YES.

FOR WILLIAM DENNY & BROTHERS LIMITED.

*Campbell* Director and Secretary

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.

No

If not, state date of approval.

25<sup>th</sup> NOVEMBER 1952.

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 installation of this vessel has been fitted on board under Special Survey, tested under working conditions and found satisfactory. The quality of materials and workmanship is good.

Total Capacity of Generators 170 Kilowatts.

The amount of Fee ... £ 67 : 10 :

When applied for

18 AUG 1953

19

When received,

19

Travelling Expenses (if any) £

✓

*J. M. Gardiner.*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW 18 AUG 1953

Assigned

COMPANYING MACHINERY REPORT



© 2021

Lloyd's Register  
Foundation

SMC  
11/8/53

SMC  
11/8/53

W