

Rpt. 13.

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

No. 135496

12 JUL 1952

Date of writing Report 1-5-52 When handed in at Local Office 30 MAY 1952 Port of LIVERPOOL
 No. in Survey held at NORTHWICH Date, First Survey 9/4/52 Last Survey 18/4/1952
 Reg. Book. (No. of Visits 4)

40811 on the S.S. "MOONLIGHT" Tons Gross 1951
 Net 1951

Built at NORTHWICH By whom built W. J. YARWOOD & SONS LTD Yard No. 878 When built 1951
 Owners ROSS & MARSHALL LTD. Port belonging to GREENOCK.

Installation fitted by W. J. YARWOOD & SONS LTD When fitted 1951
 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 Yes System of Distribution Two wire Voltage of Lighting 24
 Heating — Power — D.C. or A.C., Lighting D.C. Power — 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 wound 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 —, are shunt field regulators provided Automatic Is the compound winding connected to the negative or positive pole
regulation.

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
 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 engine room near 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 — 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 D.P. Switch gear
—

and the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. Switch gear
—

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 —

Earth Lamps
 Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes
 make of fuses Dorman Smith, 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 busbars and any point under maximum load 1 volt, 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 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 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 Main through hole L.C.A.B. clipped
Righting circuit cables L.C. clipped to 1540 or down to structure

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 —

014827-014834-013912

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

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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.

W. J. YARWOOD & SONS LTD.

A. Deakin

Electrical Contractors.

Date 16-5-52

COMPASSES.

Have the compasses been adjusted under working conditions... Yes

W. J. YARWOOD & SONS LTD.

A. Deakin

Builder's Signature.

Date 16-5-52

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, whether insulation tests, etc., have been made, opinions as to class, etc.)

This electrical equipment has been installed under special survey, in accordance with approved plans & the Rules for Electrical Equipment. The installation has been tested under full working conditions and found satisfactory. The materials and workmanship are good. In my opinion the electrical equipment is eligible to be accepted for Classification with the Society.

Notes sent 14/7/52

Total Capacity of Generators... 0.70 Kilowatts.

The amount of Fee ... £ 6 : 0 : 0

When applied for,

26 JUN 1952

When received,

Travelling Expenses (if any) £ 2 : 2 : 0

Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 1 JUL 1952

Assigned See minute on Rpt 4



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