

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

5 NOV 1947

Date of writing Report... 10th Oct. 1947 When handed in at Local Office... 11.11.47 Port of... GLASGOW
 No. in Survey held at... LEITH Date, First Survey... 1/10/47 Last Survey... 6th October 1947
 Reg. Book. 32532 on the S.S. "SALMONIER" ex "SAMMONT" Tons (Gross... 7219 Net... 4380)
 Built at... Los Angeles By whom built... California S.B. Corp. Yard No. — When built... 1943
 Owners... Ben Line Steamers Ltd Port belonging to... London
 Electrical Installation fitted by... California S.B. Corp. Contract No. — When fitted... 1943
 Is vessel fitted for carrying Petroleum in bulk... No Is vessel equipped with D.F. Yes E.S.D. Yes Gy.C. Yes Sub-Sig. Radar

Have plans been submitted and approved... System of Distribution... Two Wire Insulated Voltage of supply for Lighting... 120
 Heating... Power... 120 Direct or Alternating Current, Lighting... D.C. Power... D.C. If Alternating Current state periodicity... Prime Movers,
 has the governing been tested and found as per Rule when full load is suddenly thrown on and off... Yes Are turbine emergency governors fitted with a
 trip switch as per Rule... Generators, are they compound wound... Yes are they level compounded under working conditions... Yes
 if not compound wound state distance between generators... and from switchboard... Where more than one generator is fitted are they
 arranged to run in parallel... Yes, are shunt field regulators provided... Yes Is the compound winding connected to the negative or positive pole
 Negative Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing... No Have certificates of
 test for machines under 100 kw. been supplied... No and the results found as per rule... Are the lubricating arrangements and the construction
 of the generators as per rule... Yes Position of Generators... Generator Flat, Engine Room, Starboard side
 is the ventilation in way of generators satisfactory... Yes are they clear of inflammable material... Yes, if situated
 near unprotected combustible material state distance from same horizontally... and vertically... are the generators protected from mechanical
 injury and damage from water, steam and oil... Yes are the bedplates and frames earthed... Yes and the prime movers and generators in metallic
 contact... Yes Switchboards, where are main switchboards placed... Near generators

are they in accessible positions, free from inflammable gases and acid fumes... Yes are they protected from mechanical injury and damage from water, steam
 and oil... Yes, if situated near unprotected combustible material state distance from same horizontally... and vertically... what insulation
 material is used for the panels... Ebony Asbestos, 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 frame effectually earthed... Yes
 Is the construction as per Rule... Yes, including accessibility of parts... Yes, absence of fuses on the back of the board of panel, individual fuses
 to pilot and earth lamps, voltmeters, etc.,... Yes locking of screws and nuts... Yes, labelling of apparatus and fuses... Yes, fuses on the "dead"
 side of switches... Yes Description of Main Switchgear for each generator and arrangement of equaliser switches... D.P. Circuit-breakers
 with overload and reverse current trips; Triple-pole isolating switch, including equaliser
 and for each outgoing circuit... D.P. switch and D.P. cartridge fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule... Yes Instruments on main switchboard... 3
 ammeters... 3 voltmeters... synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to the
 equaliser connection... Yes Earth Testing, state means provided... Earth Lamps
 Switches, Circuit Breakers and Fuses, are they as per Rule... A.I.E.E. Standard are the fuses an approved type... A.I.E.E. Standard are all fuses labelled as
 per Rule... Yes If circuit breakers are provided for the generators, at what overload current did they open when tested... Full load, are the reversed current
 protection devices connected on the pole opposite to the equaliser connection... Yes, have they been tested under working conditions, and at what current
 did they operate... Yes: 10-15 A. Joint Boxes, Section Boards and Distribution Boards, is the construction and position as per Rule... Yes
 Cables, are they insulated and protected as per the appropriate Tables of the Rules... A.I.E.E. Standard, 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... 3 volts, are the ends of all cables having a sectional area of 0.04
 square inch and above provided with soldering sockets... No: but adequate mechanical clamps are provided Are paper insulated and varnished cambric insulated cables sealed at the ends... —



and found satisfactory. Yes 23Y

© 2021
Lloyd's Register
Foundation

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.

Supported clear of bulkheads on steel clips

Electrical Engineers.

Date

COMPASSES.

Minimum distance between electric generators or motors and standard compass

26 Feet

Minimum distance between electric generators or motors and steering compass

20 Feet

The nearest cables to the compasses are as follows:—

A cable carrying 2 Ampères 10 feet from standard compass 7 feet from steering compass.

A cable carrying 0.2 Ampères led into feet from standard compass led into feet from steering compass.

A cable carrying Ampères feet from standard compass feet from steering compass.

Have the compasses been adjusted with and without the electric installation at work at full power

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted

The maximum deviation due to electric currents was found to be 1520 degrees on course in the case of the standard compass, and 1520 degrees on course in the case of the steering compass.

Builder's Signature.

Date

Is this installation a duplicate of a previous case

Yes

If so, state name of vessel

"SAM" Type

Plans. Are approved plans forwarded herewith

No

If not, state date of approval

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

Not available

General Remarks (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)

The Electrical

Installation of this vessel as now seen appears to have been fitted in accordance with the standards of the American I.E.E., with the exception of Searchlight, Gyro-compass and Radar cables, which were installed at this time.

The generators, circuit-breakers and the installation generally have been examined, tested under working conditions and found satisfactory.

It was noted that the generators are constructed in line with American practice for a standard temperature rise of 40°C.

The installation as now seen is, in my opinion, such as could be accepted for classification with this Society.

Total Capacity of Generators

60

Kilowatts.

The amount of Fee

£ 16

: -

When applied for, 4 NOV. 1947

Travelling Expenses (if any)

£

:

:

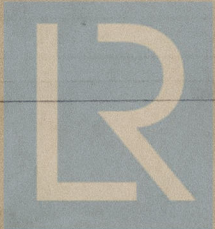
When received, 19

Committee's Minute

Assigned

Transmit to London

Surveyor to Lloyd's Register of Shipping.



© 2021

Lloyd's Register Foundation