

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office.....

of writing Report..... 26. NOV. 1948..... When handed in at Local Office..... 19..... Port of Calcutta
 in Survey held at Vizagapatam Date, First Survey 16-1-48 Last Survey 20-10-1948
 Reg. Book. (Number of Visits.....)
 on the "JALASHA" Tons { Gross 5.02
 Net 1
 Built at Vizagapatam By whom built The Scindia Ste. Nav. Co. Ltd. Yard No. V.C. 101 When built 1948
 Owners The Scindia Ste. Nav. Co. Ltd. Port belonging to Bombay
 Electrical Installation fitted by Scindia Ste. Nav. Co. Ltd. Contract No. ✓ When fitted 1948
 vessel fitted for carrying Petroleum in bulk no Is vessel equipped with D.F. ✓ E.S.D. ✓ Gy.C. ✓ Sub.Sig. ✓

Plans have been submitted and approved Yes System of Distribution a parallel system with constant current two wires D.C. Voltage of supply for Lighting 110 v.
 Power 110 v. Direct or Alternating Current, Lighting D.C. Power D.C. If Alternating Current state frequency ✓ Prime Movers,
 the governing been tested and found efficient when the whole load is suddenly thrown on and off Yes Are turbine emergency governors fitted with a
 switch as per Rule ✓ Generators, are they compound wound Yes, are they level compounded under working conditions Yes,
 not compound wound state distance between generators ✓ and from switchboard ✓ Where more than one generator is fitted are they
 arranged to run in parallel no, are shunt field regulators provided Yes Is the compound winding connected to the negative or positive pole
 ion, positive Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing ✓ Have certificates of
 for machines under 100 kw. been supplied Yes and the results found as per rule Yes Are the lubricating arrangements and the construction
 the generators as per rule Yes Position of Generators Engine room, manoeuvring platform, starboard side
 is the ventilation in way of generators satisfactory Yes are they clear of inflammable material Yes, if situated
 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 Engine room, starboard side, manoeuvring platform
level, on bulkhead of engine room stow.
 they in accessible positions, free from inflammable gases and acid fumes Yes, are they protected from mechanical injury and damage from water, steam
 oil Yes, if situated near unprotected combustible material state distance from same horizontally ✓ and vertically ✓, what insulation
 material is used for the panels 3/4" SANDANYO, if of synthetic insulating material is it an Approved Type Yes, if of
 non-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule ✓ Is the frame effectually earthed Yes
 the construction as per Rule Yes, including accessibility of parts Yes, absence of fuses on the back of the board Yes, individual fuses
 pilot and earth lamps, voltmeters, etc. Yes locking of screws and nuts Yes, labelling of apparatus and fuses Yes, fuses on the "dead"
 e of switches Yes Description of Main Switchgear for each generator and arrangement of equaliser switches
300 A D.P. single throw knife switch
 for each outgoing circuit 4 - 60 knife switches of 60 a. and 4 c/p knife switches of 30 a.
 compartments containing switchboards composed of fire-resisting material or lined as per Rule ✓ Instruments on main switchboard 2
 meters 2 voltmeters no synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to the
 equaliser connection ✓ Earth Testing, state means provided earth lamps

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 The Scindia Steam Navigation Co. Ltd.

James B. Campbell

Electrical Engineers.

Date 26. NOV. 1948

Chief Shipyard Manager

COMPASSES.

Minimum distance between ~~electric generators or~~ motors and standard compass 28 ft.

Minimum distance between ~~electric generators or~~ motors and steering compass 26 ft.

The nearest cables to the compasses are as follows:—

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

A cable carrying Ampères feet from standard compass 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 *Yes*.

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

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

For The Scindia Steam Navigation Co. Ltd.

Builder's Signature.

Date 26. NOV. 1948

James B. Campbell

Chief Shipyard Manager

Is this installation a duplicate of a previous case *✓* If so, state name of vessel *✓*

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

This Electrical Equipment has been installed in accordance with the approved plans and the requirements of the Rules. The workmanship is of high standard and has been maintained throughout.

On completion of the installation an insulation test in accordance with Rule Requirements was carried out with satisfactory results.

The installation has been examined under full working conditions and the governing arrangements of both prime movers tested satisfactorily.

It is submitted that this installation be classed in the Register Book in accordance with the machinery class recommended.

Noted J.S. 1-2-49

Total Capacity of Generators *400* Kilowatts.

The amount of Fee *40 kw £ 1700/-* When applied for,19.....
Travelling Expenses (if any) £ : : When received,19.....

X. E. Hitchcock

Surveyor to Lloyd's Register of Shipping.

FRI. 4 FEB 1949

Committee's Minute

Assigned *For unit see J.E. Rpt*



© 2020

Lloyd's Register Foundation