

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

19 JAN 1942

Received at London Office.....

Date of writing Report.....19..... When handed in at Local Office.....15/1/42 Port of Newcastle on Tyne

No. in Survey held at Newcastle Date, First Survey 14.10.41 Last Survey 31.12.41 1941
Reg. Book. (Number of Vols.....1.....)

3571A on the BRITISH CHARACTER Tons { Gross 8500
Net 4897
No. 1900

Built at Newcastle By whom built Swan Hunter & Wigham Yard No. 1698 When built 1941
Richardson & Co

Owners British Tanker Co Ltd Port belonging to.....

Electrical Installation fitted by Cambell & Fisherwood Ltd Contract No. 1698 When fitted 1941

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

Have plans been submitted and approved Yes System of Distribution Two wire Voltage of supply for Lighting 110

Heating No Power Yes Direct or Alternating Current, Lighting Direct Power Direct 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 No, 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..... Have certificates of test for machines under 100 kw. been supplied Yes and the results found as per rule Yes Are the lubricating arrangements and the construction of the generators as per rule Yes

Position of Generators Engine room starboard side forward, 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 Engine room starboard side on raised platform

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 Suidays, 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 Yes, 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 Double pole circuit breakers with overload, no volt, & reverse current trip

and for each outgoing circuit Double pole quick break knife switches & double pole fuses

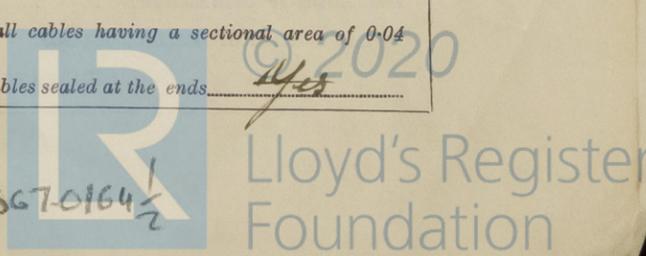
Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 4 ammeters 2 voltmeters 2 synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to the equaliser connection.....

Earth Testing, state means provided Earth lamps connected to earth via circuit breakers & fuses

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an approved type Yes, 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 50%, are the reversed current protection devices connected on the pole opposite to the equaliser connection..... have they been tested under working conditions, and at what current did they operate.....

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 Yes, if otherwise than as per Rule are they of an approved type..... state maximum fall of pressure between bus bars and any point under maximum load Less than 350, are the ends of all cables having a sectional area of 0.04 square inch and above provided with soldering sockets Yes Are paper insulated and varnished cambric insulated cables sealed at the ends Yes



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