

Rpt. 13.

No. 131213

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

19 JUL 1950

Received at London Office

Date of writing Report 24. 6. 1950 When handed in at Local Office 1950 Port of Liverpool
 No. in Survey held at Birkenhead Date, First Survey 1/3/50 Last Survey 20/6/1950
 Reg. Book. 36766 (No. of Visits 9) Tons { Gross 2640
M.V. "BRITISH TRUST" Net 4933

Built at Birkenhead By whom built Cammell Laird & Co. Ltd Yard No. 1200 When built 1950
 Owners British Tankers Co. Ltd Port belonging to London
 Installation fitted by Cammell Laird & Co. Ltd When fitted 1950

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

Plans, have they been submitted and approved Yes System of Distribution Two wire Voltage of Lighting 110

Heating 110 Power 110 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 Yes Are turbine emergency governors fitted

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

if not compound wound state distance between generators — and from switchboard — Are the generators 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 — Have certificates of

test for machines under 100 kw. been supplied Yes and the results found as per Rule Yes

Position of Generators In main 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 main engine

room on special platform

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 Swidamyo, 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 Triple pole circuit breakers (one pole equalisers)

fitted with overload and reverse current trips

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double-pole switch and fuses

100V 2.5 3 120 1.6

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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 are the ammeters and reversed current

protection devices 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 Yes, are the fuses an Approved Type Yes

make of fuses Siemens "Zee", are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate 50% overload, and at what current do the reversed current protective devices operate 10% R.C.

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 bus bars and any point under maximum load 4.1 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 cables L.C.A.B on underside

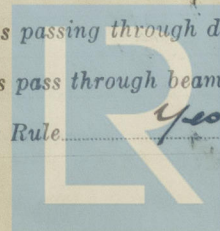
of fore shaft gangway Circuit wiring L.C.B or L.C.A.B supported on bays or

clipped to structure. All cables protected as necessary

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



Lloyd's Register
Foundation

003611-003614-0085 1/2

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

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GREEN TESTED BY THE MAKER'S WORKS

SAMMELL LAIRD & COMPANY LTD.
ELECTRICAL DEPT.
30 JUN 1950
Electrical
BIRKENHEAD.

Electrical Contractors.

Date _____

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

Yes

Sydia
TECHNICAL MANAGER
SHIPBUILDING DEPT.

Builder's Signature

Date 30 JUN 1950

Yes

Yes

If so, state name of vessel

BRITISH TRIUMPH

Yes

If not, state date of approval

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

440

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

The electrical equipment of this vessel has been installed on board under special survey in accordance with the approved plans & the Rules for Electrical Equipment. The installation has been tested under full working conditions and found satisfactory. The materials & workmanship are good.

Noted with 10/8/50

Total Capacity of Generators 180. Kilowatts.

The amount of Fee ... £ 67 : 0 : 0 When applied for,

When applied for,
12 JUL 1950

When received,

Travelling Expenses (if any) £

19.

L. Haffner.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute.....

Assigned, See Thumli Rm., 56 Rps.