

Rpt. 13.

No. 56513.

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 12 MAY 1950

Date of writing Report 19... When handed in at Local Office 19... Port of HULL.

No. in Survey held at Hessle Date, First Survey 18.2.49 Last Survey 7.3.50

Reg. Book. 35267 on the m/t "BONNYBRIDGE". (No. of Visits 4) Tons Gross 289 Net 98

Built at Hessle By whom built Henry Scarr, Ltd. Yard No. S.629 When built 1949

Owners Great Western Fishing Co., Ltd. Port belonging to Fleetwood

Installation fitted by Henry Scarr, Ltd. When fitted 1949

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

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 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

Position of Generators Engine room port side

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 Engine room forward

bulkhead.

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. Double pole quick break knife switches and double

pole fuses.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit. Double pole, quick break knife switches

and double pole fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule. Yes Instruments on main switchboard one

ammeters one 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 Lamps

coupled to earth via switches and fuses.

Switches, Circuit Breakers and Fuses, are they as per Rule. Yes, are the fuses an Approved Type. Yes

make of fuses. G.E.C. Slydlock, 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 bus bars and any point under maximum load. 3V, 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. - 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. -

of the "HR" type. - State how the cables are supported or protected. In machinery spaces, holds, deck

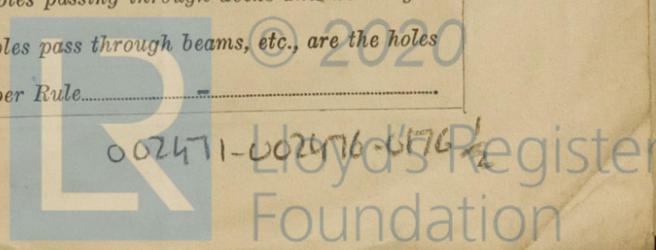
etc. L.C.A. & B. clipped to steel tray plates or direct to steelwork, in accommodation

L.C. clipped to wood battens or direct to woodwork.

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. -





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.

PER PRO HENRY SOARR LIMITED  
*H. Sussick*

Electrical Contractors.

Date *9th March 1950*

SECRETARY

COMPASSES.

Have the compasses been adjusted under working conditions. Yes

PER PRO HENRY SOARR LIMITED

*H. Sussick*

Builder's Signature.

Date *13th March 1950*

SECRETARY

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. No If not, state date of approval. 4.4.49

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

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

The Electrical Equipment of this vessel was installed in accordance with the approved plans and the Rules.

The materials used are of good quality and the workmanship is good.

On completion the equipment was operated under working conditions with satisfactory results and the insulation resistance of all circuits and apparatus was measured and found good.

This equipment is in my opinion suitable for a classed vessel.

*Noted EUL 23/5/50*

Total Capacity of Generators 40 Kilowatts.

The amount of Fee ... £ 17 : 10 : { When applied for 8 MAY 1950

Travelling Expenses (if any) £ : : { When received, 19

*W.E. Conrad*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI, 2 JUN 1950

Assigned See F.F. mchly. rpt.

2m. 9.46. (NAME AND PRINTED IN ENGLAND.)  
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



© 2020

Lloyd's Register Foundation