

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 27 MAR 1929 When handed in at Local Office 27 MAR 1929 Port of HULL

No. in Survey held at Hull Date, First Survey 6 Mar Last Survey 16 Mar 1929
Reg. Book. (Number of Visits 4)

61710 on the Steam Trawler "MONIMIA" Tons { Gross 574.05
Net 156.33
Built at Beverley By whom built Cook, Walton & Humphreys Yard No. 515 When built 1919

Owners Hemmickson & Co Ltd Port belonging to Hull
Electric Light Installation fitted by Wm Brady & Sons Ltd Contract No. - When fitted 1929

System of Distribution

Two wire.

Pressure of supply for Lighting 100 volts, Heating - volts, Power - volts.

Direct or Alternating Current, Lighting Direct current Power -

If alternating current system, state frequency of periods per second -

Has the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off Yes

Generators, do they comply with the requirements regarding rating Yes, are they compound wound Yes
are they over compounded 5 per cent. Yes, if not compound wound state distance between each generator -

Where more than one generator is fitted are they arranged to run in parallel -, is an adjustable regulating resistance fitted in series with each shunt field -

Are all terminals accessible, clearly marked, and furnished with sockets Yes, are they so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched Yes

Position of Generators Starboard side of engine room.
is the ventilation in way of the generators satisfactory Yes, are they clear of all inflammable material Yes

if situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the generators -
and -, are the generators protected from mechanical injury and damage from water, steam or oil Yes

are their axes of rotation fore and aft Yes
Earthing, are the bedplates and frames of the generating plant efficiently earthed Yes are the prime movers and their respective generators in metallic contact Yes. Direct compound.

Main Switch Boards, where placed Bridge generator in engine room.
If the generators and main switchboard are not placed in the same compartment, is each generator provided with a fuse on each insulated pole as near as possible to the terminals of the generator, additional to that provided on the main switchboard -

Switchboards, are they placed in accessible positions, free from inflammable gases and acid fumes Yes

are they protected from mechanical injury and damage from water, steam or oil Yes, if situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the switchboards - and -

are they constructed wholly of durable, non-ignitable non-absorbent materials Yes, is all insulation of high dielectric strength and of permanently high insulation resistance Yes

if semi-insulating material is used, are all conducting parts insulated from the slab with mica or micanite or other non-hygroscopic insulating material, and the slab similarly insulated from its framework Yes
and is the frame effectively earthed Yes

Are the fittings as per Rule regarding:— spacing or shielding of live parts Yes
accessibility of all parts Yes, absence of fuses on back of board Yes, proportion of omnibus bars Yes
individual fuses to voltmeter, pilot or earth lamp Yes, connections of switches Yes

Main Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches

Each circuit controlled by S.P. switches & protected by fuses on each pole.

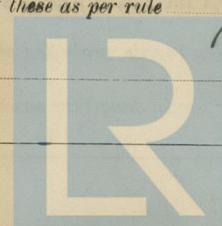
Instruments on main switchboard one ammeters one voltmeters - synchronising device for paralleling purposes.

Earth Testing, state what means are provided at the main switchboard for indicating the state of the insulation of the system

Earth lamps, with separate switches

Switches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules Yes

Joint Boxes Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule Yes.



© 2020

Lloyd's Register Foundation

002289-002297-0023 1/2 523

All Conductors are of annealed copper conforming to British Standard Specification No. 7.
The Insulated Conductors are guaranteed to withstand the immersion and resistance tests specified in the Rules.
The foregoing is a correct description.

WM. BROADY & SON
ENGLISH STREET,
LONDON.

Electrical Engineers.

Date 20 March 1929.

COMPASSES.

Distance between electric generators or motors and standard compass 68 feet.

Distance between electric generators or motors and steering compass

The nearest cables to the compasses are as follows:—

A cable carrying 5 Amperes 10 feet from standard compass feet from steering compass.

A cable carrying 5 Amperes 10 feet from standard compass feet from steering compass.

A cable carrying Amperes 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 40 degrees on any course in the case of the standard compass, and 40 degrees on any course in the case of the steering compass.

COOK, WELTON & GEMMELL, LTD.,

Applied for Builder's Signature.

Secretary & Director

Date 23/3/1929

Is this installation a duplicate of a previous case Yes If so, state name of vessel Kingston Laphria

General Remarks (State quality of workmanship, opinions as to class, &c.) The electrical installation

of this vessel has been fitted on board under special survey & the materials & workmanship are sound & good. It has been tried under full working conditions & found in good order, and is eligible in my opinion to have record of Electric Light.

It is submitted that
this vessel is eligible for
THE RECORD. ELEC. LIGHT.

Y. Hm
9.4.29.

Total Capacity of Generators 6 Kilowatts.

The amount of Fee ... £ 3 : 0 : 0

Travelling Expenses (if any) £

When applied for,

27 Mar 29

When received,

11.4.29

John H. MacKinnon
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 12 APR 1929

Assigned

Elec Light



© 2020

Lloyd's Register
Foundation