

# REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office.....

Date of writing Report

19

When handed in at Local Office

10

Port of LondonNo. in  
Reg. Book.Survey held at Faversham

Date, First Survey

11<sup>th</sup> Nov. 1925Last Survey 30<sup>th</sup> Dec.

1925

(Number of Visits.....3.....)

40017 on the

M. V. "Maimuna"Tons {  
Gross  
NetBuilt at FavershamBy whom built James Pollock Sons & Co. Ltd Yard No. 1198

When built

Owners MH The Rajah of Sarawak

Port belonging to

KuchingElectric Light Installation fitted by Telford Gair & Mackay

Contract No.

When fitted 1925System of Distribution TWO WIRE ✓

Pressure of supply for Lighting

110 ✓

volts, Heating

volts, Power

110

volts.

Direct or Alternating Current, Lighting

DIRECT ✓

Power

DIRECT ✓

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 overload

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

series with each shunt field YESAre all terminals accessible and clearly marked YES

, are they so spaced or shielded that they cannot be accidentally earthed,

or short circuited YES

Are the lubricating arrangements of the generators as per Rule

YES

Position of Generators

IN ENGINE ROOM ON STARTING PLATFORM

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

NO WOODWORK and, are the generators protected from mechanical injury and damage from water, steam or oil YESare their axis of rotation fore and aft YESEarthing, are the bedplates and frames of the generating plant efficiently earthed YES

are the prime movers and

their respective generators in metallic contact YESMain Switch Boards, where placed ON BULKHEAD BESIDE DYNAMO

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 YESare 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 NO WOODWORK andare they constructed wholly of durable, incombustible non-absorbent materials YES

, is all insulation of high dielectric strength and of

permanently high insulation resistance YES

if semi-conducting material is used, are all conducting parts connected to one pole

insulated from the slab with mica or micaite and the slab similarly insulated from its frame YES

, and is the

frame effectively earthed YES

Are the following fittings as per Rule, viz.:— 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 YESMain Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches ONE GENERATORDOUBLE POLE LINKED SWITCH FOR GENERATOR, TWO SINGLE POLE FUSES FOR GENERATORFOUR DOUBLE POLE LINKED SWITCHES & DOUBLE POLE FUSES FOR CIRCUITS

Instruments on main switchboard

ONE

ammeter

ONE

voltmeter

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

TWO EARTH LAMPS& SWITCHES

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

YES

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

YES

© 2021

W1100-0052 1/2

Lloyd's Register  
Foundation







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.

*Tyrod Gair & Mackay Ltd*

Electrical Engineers.

Date *5/1/26*

#### COMPASSES.

Distance between electric generators or motors and standard compass *70 ft*

Distance between electric generators or motors and steering compass.

The nearest cables to the compasses are as follows:—

A cable carrying *10* Ampères *15* feet from standard compass. feet from steering compass.

A cable carrying *5* Ampères *7* feet from standard compass. feet from steering compass.

A cable carrying *25* Ampères *inside* feet from standard compass. feet from steering compass.

Have the compasses been adjusted with and without the electric installation at work at full power.

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

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

For and on behalf of

JAMES POLLOCK SONS & Co., Ltd.

Builder's Signature.

Date.

Is this installation a duplicate of a previous case *No* If so, state name of vessel.

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

*The electric lighting of this vessel has been satisfactorily carried out & tried under full load.*

*This vessel is in my opinion eligible to have record "Elec. light" in the Register Book.*

It is submitted that  
this vessel is eligible for  
THE RECORD. Elec. light.

*W. J. Smith*  
*14/1/26*

Total Capacity of Generators *4* Kilowatts

The amount of Fee ... £ *5* : *0* : { When applied for, 19...

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

Committee's Minute

TUE. 19 JAN 1926

Assigned

*H. Sandhu-Smith*  
Surveyor to Lloyd's Register of Shipping.

1m. 9. 2. — Transfer.  
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



© 2021

Lloyd's Register  
Foundation