

# REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

-5 JAN 1926

Date of writing Report

19

When handed in at Local Office

28/12/1926

Port of

Hull

No. in Survey held at

Hull

Date, First Survey

11.12.25

Last Survey

21/12 1925

Reg. Book.

(Number of Visits.....)

on the steam trawler "TERVANI"

Tons { Gross 394  
Net

Built at

Beverly

By whom built

Cook, Welton &amp; Gemmell

Yard No.

473

When built

1925

Owners

Captain Henriksen

Port belonging to

Hull

Electric Light Installation fitted by

W. Brady &amp; Co. Ltd.

Contract No.

When fitted 1925.

System of Distribution

2 wire

Pressure of supply for Lighting

100

volts, Heating

volts, Power

volts.

Direct or Alternating Current, Lighting

Direct

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 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

yes

is an adjustable regulating resistance fitted in

series with each shunt field

Are 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

Starboard after 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 axis 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

Main Switch Boards, where placed

after bulkhead, starboard side of 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

yes

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

yes

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

insulated from the slab with mica or micanite and the slab similarly insulated from its framework

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

yes

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

No equalizer switches fitted. 5 circuit switches &amp; fuses.

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

2 earth lamps with 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



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W61-0134(1/2)



[illegible]



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 18/12/25.

#### COMPASSES.

Distance between electric generators or motors and standard compass 42 ft.

Distance between electric generators or motors and steering compass

The nearest cables to the compasses are as follows:—

A cable carrying .5 Amperes 7 feet from standard compass 7 feet from steering compass.

A cable carrying Amperes 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 no degrees on any course in the case of the standard

compass, and no degrees on any course in the case of the steering compass.

COOK, WELTON & GEMMELL LTD.  
R.B. Gemmell

Builder's Signature.

Date

DIRECTOR.

Is this installation a duplicate of a previous case yes If so, state name of vessel 'GOTH'

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. tried under working conditions, & found in good order. It is eligible in my opinion to have record of electric light.

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

CMS. J.W.D.  
5/1/26.

Total Capacity of Generators 6 Kilowatts

The amount of Fee ... £ 3 : - : When applied for, 26/1/26

Travelling Expenses (if any) £ : : When received, 25.3.26

P. Fitzgibbon

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 8 JAN 1926

FRI. 19 MAR 1926

Assigned



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