

DESCRIPTION OF INSULATION, PROTECTION, ETC.—continued.

Are they in places always accessible Yes.

What special protection has been provided for the cables in open alleyways or where exposed to weather or moisture Lead covered or V.I.P. in Galv iron pipe

What special protection has been provided for the cables near galleys or oil lamps or other sources of heat Armoured wires

What special protection has been provided for the cables near boiler casings in iron pipes

What special protection has been provided for the cables in engine room Armoured.

How are cables carried through beams bushed with fibre through bulkheads, &c. Stuffing glands

How are cables carried through decks in pipes flanged & made water tight

Are any cables run through coal bunkers None or cargo spaces yes or spaces which may be used for carrying cargo, stores, or baggage yes

If so, how are they protected Shuttles between decks run in Galv iron pipes

Are any lamps fitted in coal bunkers or spaces which may at times be used for cargo, coals, or baggage None

If so, how are the lamp fittings and cable terminals specially protected ✓

Where are the main switches and fuses for these lights fitted ✓

If in the spaces, how are they specially protected ✓

Are any switches or fuses fitted in bunkers None

Cargo light cables, whether portable or permanently fixed Portable How fixed Socket Connections

In vessels fitted on the single wire system, how is the dynamo terminal fixed to the hull of vessel ✓

How are the returns from the lamps connected to the hull ✓

Are all the joints with the hull in accessible positions ✓

Is the installation supplied with a voltmeter Yes, and with an amperemeter Yes, fixed on Main board

VESSELS BUILT FOR CARRYING PETROLEUM.

In vessels built for carrying petroleum, are all switches and fuses fitted in positions not liable to the accumulation of petroleum vapour or gas ✓

Are any switches, fuses, or joints of cables fitted in the pump room or companion ✓

How are the lamps specially protected in places liable to the accumulation of vapour or gas ✓

The copper used is guaranteed to have a conductivity of not less than that of the Engineering Standards Committee's standard, and the wires are protected by tinning from the sulphur compounds present in the insulating material.

Insulation of cables is guaranteed to have a resistance of not less than 600 megohms per statute mile at 60° Fahrenheit after 24 hours' immersion in water, the test being made after one minute's electrification at not less than 500 volts and while the cable is still immersed.

The foregoing statements are a correct description of the Electric Light installation fitted by us on this vessel and we declare that it is at this date in good order and safe working condition.

J.H. Roberts & Co Electrical Engineers Date 13/4/15

COMPASSES.

Distance between dynamo or electric motors and standard compass approx 150

Distance between dynamo or electric motors and steering compass 144

The nearest cables to the compasses are as follows:—

A cable carrying	Amperes	Location	feet from standard compass	feet from steering compass
<u>5</u>	<u>inside</u>	<u>inside</u>	<u>inside</u>	<u>inside</u>
<u>1.5</u>	<u>approx 9</u>	<u>approx 5</u>	<u>approx 5</u>	<u>approx 5</u>
<u>9</u>	<u>15</u>	<u>no</u>	<u>no</u>	<u>no</u>

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

The maximum deviation due to electric currents, etc., 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. approx 2°

FOR SHIP BROTHERS, LIMITED

Jesschau Builder's Signature. Date 7th May 1915

GENERAL REMARKS.

The installation has been satisfactorily fitted in the vessel. Tested at full load and found good.

It is submitted that this vessel is eligible for THE RECORD Elec. light. J.W.D. 11/5/15

Lewis Davies - 8 MAY 1915
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Im. 11.13.—Transfer.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



© 2019 Lloyd's Register Foundation