

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 sheath and conduit*

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

What special protection has been provided for the cables near boiler casings *Conduit*

What special protection has been provided for the cables in engine room *Conduit*

How are cables carried through beams through bulkheads, &c. *Sam nut and conduit*

How are cables carried through decks *Sam nut and conduit*

Are any cables run through coal bunkers *no* or cargo spaces *no* or spaces which may be used for carrying cargo, stores, or baggage *no*

If so, how are they protected

Are any lamps fitted in coal bunkers or spaces which may at times be used for cargo, coals, or baggage *no*

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

Where are the main switches and cut outs for these lights fitted

If in the spaces, how are they specially protected

Are any switches or cut outs fitted in bunkers *no*

Cargo light cables, whether portable or permanently fixed *Portable* How fixed

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

The installation is *fitted and* supplied with a voltmeter and *with* an amperemeter, fixed at *main board*

VESSELS BUILT FOR CARRYING PETROLEUM.

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

Are any switches, cut outs, 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 *98%* per cent. that of pure copper.

Insulation of cables is guaranteed to have a resistance of not less than *600* megohms per statute mile after 24 hours' immersion in seawater.

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.

Pore River Shipbuilding Co.

S. J. MacQuarrie
Clerk

Electrical Engineers

Date *February 28th 1913*

COMPASSES.

Distance between dynamo or electric motors and standard compass *150 feet*

Distance between dynamo or electric motors and steering compass *150 feet*

The nearest cables to the compasses are as follows:—

A cable carrying	<i>1</i> Amperes	<i>5</i> feet from standard compass	<i>10</i> feet from steering compass
A cable carrying	<i>35</i> Amperes	<i>15</i> feet from standard compass	<i>20</i> feet from steering compass
A cable carrying	<i>—</i> Amperes	<i>—</i> feet from standard compass	<i>—</i> feet from steering compass

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 *nil* degrees on *the* course in the case of the standard compass and *the* course in the case of the steering compass.

Pore River Shipbuilding Co.

S. J. MacQuarrie
Clerk

Builder's Signature.

Date *February 28th 1913*

GENERAL REMARKS.

The workmanship and material throughout is good and in general accordance with the Rules

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

B Stewart

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. APR 11 1913*

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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