

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 in piping

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

What special protection has been provided for the cables near boiler casings Armoured & braided cables

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

How are cables carried through beams Beams lashed with lead or fibre through bulkheads, &c. In glands if W.I. otherwise lead or fibre

How are cables carried through decks In iron deck pipes, lashed or with glands

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

If so, how are they protected Armoured & braided cable in galvanised iron tube

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 Permanently How fixed Armoured & braided cable clipped to Bulkhd.

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 ~~~~~ supplied with a voltmeter and ~~~~~ an amperemeter, fixed on Subd. in Eng. Rm.

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

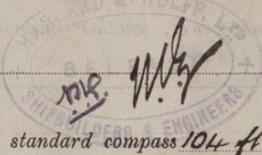
Are any switches, cut outs, or joints of cables fitted in the pump room or companion

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 100 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.



Electrical Engineers Date

COMPASSES.

Distance between dynamo or electric motors and standard compass 104 ft. from Dynamo 14 ft. from Wireless Rotary

Distance between dynamo or electric motors and steering compass 109 ft. " " 17 ft. " " "

The nearest cables to the compasses are as follows:—

| | | | | | | |
|------------------|-------------|---------|-----------|----------------------------|-----------|----------------------------|
| A cable carrying | <u>6.0</u> | Amperes | <u>10</u> | feet from standard compass | <u>5</u> | feet from steering compass |
| A cable carrying | <u>15.0</u> | Amperes | <u>26</u> | feet from standard compass | <u>22</u> | 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

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

Builder's Signature [Signature] Date

GENERAL REMARKS.

This installation is of good description throughout, and has been fitted in accordance with the Rules

It is submitted that this vessel is eligible for THE RECORD. Elec. light. [Signature] 8/9/19
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

REPORT FORM No. 18—3m, 5, 4.

