

DESCRIPTION OF INSULATION, PROTECTION, ETC.—continued.

Are they in places always accessible *All cables & wires are accessible*

What special protection has been provided for the cables in open alleyways or where exposed to weather or moisture *Solid drawn steel conduit and heavy teak casing & cover.*

What special protection has been provided for the cables near galleys or oil lamps or other sources of heat *Lead cord & armoured*

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

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

How are cables carried through beams *Red fibre bushes* through bulkheads, &c. *Where non. W.T. Red fibre bushes*

How are cables carried through decks *in Galvanised iron deck tubes sealed on top 12" above deck.*

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

If so, how are they protected *Special heavy teak casing & cover*

Are any lamps fitted in ~~coal bunkers~~ or spaces which may at times be used for cargo, ~~stores~~, or baggage *Cargo on battle deck*

If so, how are the lamp fittings and cable terminals specially protected *Special heavy cast iron fittings with gauds.*

Where are the main switches and cut outs for these lights fitted *At Distributing boxes on main deck.*

If in the spaces, how are they specially protected *None*

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 *Earthed to the Dynamo frame.*

How are the returns from the lamps connected to the hull *By brass set screws 28" dia.*

Are all the joints with the hull in accessible positions *Yes.*

The installation is *"* supplied with a voltmeter and *"* an amperemeter, fixed *on the Switchboard*

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. *Engineer's Standard*

Insulation of cables is guaranteed to have a resistance of not less than *2500* 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.

Messrs W. Beardmore & Co. Ltd.

Electrical Engineers

Date *23rd August 1907*

COMPASSES.

Distance between dynamo ~~or electric motors~~ and standard compass on Bridge *100 ft.* and to wheel house compass *95 ft.*

Distance between dynamo ~~or electric motors~~ and steering compass *Aft 148 ft.*

The nearest cables to the compasses are as follows:—

A cable carrying	Amperes	feet from standard compass	feet from steering compass
<i>6</i>	<i>on</i>	<i>Double wiring</i>	
<i>27</i>	<i>15</i>	<i>15</i>	

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 *0* degrees on *Straight* course in the case of the standard compass and *0* degrees on *Straight* course in the case of the steering compass.

FOR WILLIAM BEARDMORE & CO. LIMITED.

Builder's Signature.

Date

28th August 1907

GENERAL REMARKS.

The Electric Lighting installation of this vessel has been tested under full power and found satisfactory.

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

Committee's Minute

Glasgow - 3 SEP 1907

Record "Electric Light"

It is sub. that the Record Elec. Light be noted in the Reg. Book.



Lloyd's Register Foundation

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.