

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 & armoured*

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

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

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

How are cables carried through beams *Lead bushes where not armoured through bulkheads, &c. Watertight glands*

How are cables carried through decks *Strong galvanized iron deck tubes*

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 *Lead covered & armoured*

Are any lamps fitted in ~~coal bunkers~~ or spaces which may at times be used for cargo, ~~coals~~, or baggage *yes in after tween decks*

If so, how are the lamp fittings and cable terminals specially protected *Bulkhead fittings with iron guards*

Where are the main switches and cut outs for these lights fitted *In after saloon*

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 *W. & connection boxes*

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 main bar*

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 *100* 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.

FOR
THE HUNTER ELECTRICAL ENGINEERING CO
108 Sturt Street

FOR EARLES
BUILDING & ENGINEERING CO. LIMITED
Electrical Engineers Date *14/ March /13*
F. J. Salethorpe SECRETARY

COMPASSES.

Distance between dynamo or electric motors and standard compass *about 50 feet*

Distance between dynamo or electric motors and steering compass *about 50 feet*

The nearest cables to the compasses are as follows:—

A cable carrying	<i>25</i>	Amperes	<i>3</i>	feet from standard compass	<i>3</i>	feet from steering compass
A cable carrying	<i>25</i>	Amperes	<i>3</i>	feet from standard compass	<i>3</i>	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 _____ course in the case of the standard compass and *✓* degrees on *nil* course in the case of the steering compass.

Builder's Signature. Date _____

GENERAL REMARKS.

This vessel has been fitted with an electric light installation as above & the workmanship is good, on completion it was tested under full working conditions & found satisfactory.

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

H.W.D.
1/4/13

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

Committee's Minute _____

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

