

DESCRIPTION OF INSULATION, PROTECTION, ETC.—continued.

Are they in places always accessible *yes, excepting those in iron pipes carried through bunker*
 What special protection has been provided for the cables in open alleyways or where exposed to weather or moisture *Galv^d iron pipes*

What special protection has been provided for the cables near galleys or oil lamps or other sources of heat *armoured with galv^d iron wires.*

What special protection has been provided for the cables near boiler casings *carried in galv^d iron pipes or armoured with galv^d iron wires*

What special protection has been provided for the cables in engine room *armoured with galv^d iron wires*

How are cables carried through beams *through teak ferrules driven in, but armoured wire without ferrules* through bulkheads, &c. *through water light stuffing boxes*

How are cables carried through decks *through lead or iron deck tubes lined with wood or vulcanized fibre*

Are any cables run through coal bunkers *yes* or cargo spaces *yes* or spaces which may be used for carrying cargo, stores, or baggage *yes*

If so, how are they protected *with galv^d iron pipes*

Are any lamps fitted in coal bunkers or spaces which may at times be used for cargo, coals, or baggage *none in bunkers, but some in cargo space and baggage Rm.*

If so, how are the lamp fittings and cable terminals specially protected *lamps with strong cast brass guards, cable terminals teak blocks on which lamps fixed*

Where are the main switches and cut outs for these lights fitted *on both ends of port-alloway fore & aft - and in pantry in poop Deck*

If in the spaces, how are they specially protected *no*

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

Cargo light cables, whether portable or permanently fixed *portable* How fixed *with fibre forks & fibre connectors*

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 _____

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 installation is _____ supplied with a voltmeter and _____ an amperemeter, fixed *On main Switch board*

The copper used is guaranteed to have a conductivity of *not less than 98* per cent. that of pure copper.

Insulation of cables is guaranteed to have a resistance of not less than *1,000* 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.

J. Danale Electrical Engineers

Date *30-11-01*

COMPASSES.

Distance between dynamo or electric motors and standard compass *122 ft 0"*

Distance between dynamo or electric motors and steering compass *114 ft 0"*

The nearest cables to the compasses are as follows:—

A cable carrying *0.86* Amperes *10* feet from standard compass *8* feet from steering compass

A cable carrying _____ Amperes _____ feet from standard compass _____ 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 *Double wire*

The maximum deviation due to electric currents, etc., was found to be _____ degrees on _____ course in the case of the

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

J. Danale Foreman Manager
John Hanks & Co. Works

Builder's Signature. Date _____

GENERAL REMARKS.

A. L. Jones.

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

Committee's Minute _____

It is submitted that this installation appears to be satisfactory.



Lloyd's Register
Foundation
9.7.01

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

REPORT FORM No. 14.