





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 are protected by galvanized iron pipes

What special protection has been provided for the cables near galleys or oil lamps or other sources of heat are armoured with galvanized iron wire

What special protection has been provided for the cables near boiler casings are armoured with galvanized iron wire

What special protection has been provided for the cables in engine room are carried through galv iron pipes or armoured galv iron wire

How are cables carried through beams through teak ferrules driven in through bulkheads, &c. through teak ferrules or brass water tight stuffing gland.

How are cables carried through decks through deck tubes made by galvanized iron pipe, internally lined with wood.

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 by galvanized iron pipe carried alongside starboard frames

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 with fibre hook & connector in watertight C. I. box

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 \_\_\_\_\_

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 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.

A. Hamada

Electrical Engineers

Date 12/8/02

COMPASSES.

Distance between dynamo or electric motors and standard compass 78 ft.

Distance between dynamo or electric motors and steering compass 71 ft.

The nearest cables to the compasses are as follows:—

A cable carrying <u>0.56</u> Amperes <u>for telegraph</u>	feet from standard compass <u>5</u>	feet from steering compass
A cable carrying _____ Amperes <u>lamp</u>	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 \_\_\_\_\_

The maximum deviation due to electric currents, etc., was found to be 0 degrees on \_\_\_\_\_ course in the case of the standard compass and 0 degrees on \_\_\_\_\_ course in the case of the steering compass.

R. Midzutani Assist. G. Manager. Builder's Signature. Date 12th August 1902

GENERAL REMARKS.

It is submitted that this installation appears to be satisfactory.

A. L. Jones

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

M.S.

25.9.02

Committee's Minute \_\_\_\_\_

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

