

REPORT ON ELECTRIC LIGHT

Port of *Greenock* Date of First Survey *Apr 26 97* Date *Apr 26 97* No. of Visits *1*
No. in on the Iron or Steel *Screw Steamer "Egypt"* Port belonging to *Greenock*
Reg. Book *140* Built at *Greenock* By whom *Messrs. Caird & Co* When built *1894*
Owners *The Peninsular & Oriental S. Nav. Co.* Owners Address *122, Leadenhall St, London, E.C.*
Yard No. *285* Electric Light Installation fitted by *Messrs. Siemens Bros. & Co. Ltd* When fitted *1894*

DESCRIPTION OF DYNAMO, ENGINE, ETC.

Three Siemens H. B. $1\frac{1}{2}$ 20 Compound wound dynamos

Capacity of ^{each} Dynamo 220 Amperes at 105 Volts, whether continuous or alternating current Continuous

Where is Dynamo fixed In Main Engine Room.

Position of Main Switch Board No. having switches to groups A to L of lights, &c., as below

Positions of auxiliary switch boards and numbers of switches on each

If cut outs are fitted on main switch board to the cables of main circuit Yes and on each auxiliary switch boards to the cables of auxiliary circuits and at each position where a cable is branched or reduced in size Yes and to each lamp circuit Yes

If vessel is wired on the double wire system are cut outs fitted to both flow and return wires or cables of all circuits including lamp circuits

Are the cut outs of non-oxidizable metal Yes and constructed to fuse at an excess of 100 per cent over the normal current

Are all cut outs fitted in easily accessible positions Yes Are the fuses of standard dimensions Yes If wire fuses are used

are permanent instructions fitted on or near each switch board giving particulars of proper size of fuse for each circuit

Are all switches and cut-outs constructed of incombustible materials and fitted on incombustible bases Yes

Total number of lights provided for		850		arranged in the following groups :-		
A	101	lights each of	16	candle power requiring a total current of	60	Amperes
B	58	lights each of	16	candle power requiring a total current of	35	Amperes
C	48	" " "	16	" " " " " " " "	29	" "
D	93	lights each of	16	candle power requiring a total current of	56	Amperes
E	54	" " "	16	" " " " " " " "	32	" "

GRK 338-0226

Protection has been

alleysways or where exposed to weather or moisture

In iron pipes

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

In iron pipes

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

None in such positions

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

In iron pipes

How are cables carried through beams

Through hard fibre bushes

through bulkheads, &c. in specially constructed glands.

How are cables carried through decks

In specially constructed deck pipes

Are any cables run through coal bunkers No. or cargo spaces No. or spaces which may be used for carrying cargo, stores, or baggage not as far as we know.

If so, how are they protected

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

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

By $\frac{1}{8}$ " brass screws.

Are all the joints with the hull in accessible positions

Yes.

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 _____