

WED. SEP. 11. 1913

REPORT ON ELECTRIC LIGHTING INSTALLATION

No. 2390

Port of Yokohama Date of First Survey July 5th Date of Last Survey 19th July No. of Vials 6
Name of Ship S. S. "East Indian" Port belonging to
Built at Uraga By whom Uraga Dock Co. Ltd. When built July 1912
U. S. Shipping Board. Owners Address
No. 139 Electric Light Installation fitted by Uraga Dock Co. Ltd. When fitted July 1913

DESCRIPTION OF DYNAMO, ENGINE, ETC.

2 - 10 K.W. Sets, Single cylinder, Inverted Enclosed type steam engines direct coupled to pole D. C. generators.

Capacity of Dynamos each 100 Amperes at 100 Volts, whether continuous or alternating current Continuous

Location of Dynamos Lower platform Engine Room Whether single or double wire system is used Double

Location of Main Switch Board at Dynamos having switches to groups 5 in Number of lights, etc. as follows

Forecastle 1 10, Chart Room 1 of 2, Lower Bridge House 2 of 9 each; Shelter deck Pantry 3 of 10 each; Mess Room 2 of 10; Shelter deck Locker 1 of 11; Midship Alley-way 2 of 10 each; E. Room 4 of 10 each; Poop Alleyway 2 of 10 each.

Are there any fuses fitted on main switch board to the cables of main circuit Yes and on each auxiliary switch board to the cables of auxiliary circuits Yes and at each position where a cable is branched or reduced in size No and to each lamp circuit Yes

Are fuses fitted on the double wire system and fuses fitted to both main and return wires or cables of all circuits including lamp circuits

Are the fuses of non-combustible metal Tin Lead Alloy and constructed to fuse at an excess of 85 % per cent over the normal current

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

Are permanent instructions fitted on or near each switch board giving particulars of proper size of fuses for each circuit Yes

Are all switches and fuses constructed of non-combustible materials and fitted on non-combustible bases

The number of lights provided for 244. arranged in the following groups -

= 45	lights each of	16, C.P.	candle power requiring a total current of	26.	Amperes
= 70	lights each of	16, C.P.	candle power requiring a total current of	21.	Amperes
= 125	lights each of	16, C.P.	candle power requiring a total current of	32.	Amperes
= 70	lights each of	16, C.P.	candle power requiring a total current of	21.	Amperes
Wireless	lights each of	3 K. W. set	candle power requiring a total current of	30.	Amperes

Main hand light with 1 lamp each of 32 candle power requiring a total current of 1.3 Amperes

Sun light with 1 lamp each of 32 candle power requiring a total current of 1.3 Amperes

10. Cargo lights - 4x50 C.P. = 200 candle power, whether incandescent or arc lights Incandescent

Are there any arc lamps used? No arc lamps used,

Where are the switches controlling the overhead and side lights placed In Chart Room

DESCRIPTION OF CABLES.

100 each	Amperes, comprised of	110	wires, each	20	S.W.G. diameter	.1100	square inches total sectional area
26	Amperes, comprised of	30	wires, each	20	S.W.G. diameter	.0300	square inches total sectional area
21	Amperes, comprised of	30	wires, each	20	S.W.G. diameter	.0300	square inches total sectional area
30	Amperes, comprised of	30	wires, each	20	S.W.G. diameter	.0300	square inches total sectional area
21	Amperes, comprised of	30	wires, each	20	S.W.G. diameter	.0300	square inches total sectional area
30	Amperes, comprised of	30	wires, each	20	S.W.G. diameter	.0300	square inches total sectional area
2	Amperes, comprised of	1	wire, each	18	S.W.G. diameter	.0018	square inches total sectional area
4	Amperes, comprised of	7	wires, each	20	S.W.G. diameter	.0070	square inches total sectional area

OF INSULATION, PROTECTION, ETC.

Armoured where liable to damage: Lead covered in all living rooms.

Are there any joints, Cast Iron Watertight junction boxes used.

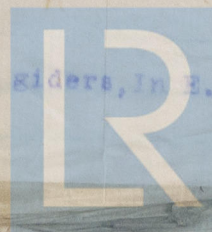
Are there any other dangerous substances Yes Are all joints in accessible

Are there any other dangerous substances Yes None

Are there any other dangerous substances None

In holds along side Shelter Dk side girders, In E.R. in

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Lead covered where
Lead covered in iron tubes
Kept clear of casing;
Lead covered in iron tubes where exposed to mechanical injury.
through the sockets; Watertight.
18" high; fibre lined.
Yes
Stongly secured to Shelter deck.
None portables used.
Cast iron boxes.
In Stokhold.
the spaces.

Screw connectors.
Double wiring used throughout.

Yes, At Dynamo

not less than 600 megohms per statute mile at 50° Fahrenheit
after one minute's electrification at not less than 500 volts

the electric light installation fitted as on this vessel and we declare
this condition.

Electrical Engineers. Date

40 feet to Wireless Motor.
45 feet.

feet from electric equipment	15	feet from electric equipment
feet from electric equipment	20	feet from electric equipment
feet from electric equipment	0	feet from electric equipment

Yes.

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Builder's Signature. Date

This vessel has been fitted in accordance with the
requirements of Lloyd's Register of Shipping.

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