

mar
121
BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1895} Madras.
PUBLIC WORKS.

Dated February, 9th.

Recd. 20.2-95

Encl. 680.

G.O., 9th. Feb. 1895, No. 336 W.

FEBRUARY

GOVERNMENT OF MADRAS

Mangalore Harbour

Report on the condition of the — for the
year ending 31st December 1894, communi-
cated to the Marine Department.

H.E. the Governor

Order 25 Feb 95 W
No. 63 26 Feb

bound. to the P.P.
Offr. and to Mr Walch,
to whom the following
telegrams will be
despatched :-

83x "Is it possible for
the Warlock to
dredge close to wharf
to permit vessels lie
alongside. wire reply."

5013.
21/2/95

Sub. that the tel.
may be dropped at once

P.P. Offr. 28/2/95
G.D. Walch 1/3/95
M. Inst. G.D.

ORDINARY, MS.

Mar. DEPARTMENT.
G.O., DATED 1 March 95
No. 64

INDEXED.

When given for copying. 2/3

[Despatch Abstract]

Submitting report called for
by the Govt. of India as to the
extent to which electric commun-
ication with lighthouses and light-
vessels exists in this Pres.

File with C.A.?
WITH ORDER

READ AGAIN ORDER OF GOVERNMENT, DATED
189, No. MISCELLANEOUS.

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT. A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL (not paged).

N.B.—

- A = Copy in full.
- B = Not to be copied.
- P = Copy abstract only.
- Q = Copy heading only.

(about 8 miles
distant
Pamban, Negapatam.
881 + 881
Cuddalore, Madras, Marulipattam
(a small flagstaff light)
Kocanada, Calicut and
Kozhikode. None of the light-
houses, however, have electrical
communication except that
at Vattalappudi which is
connected by telephone with
the Post Office at Kocanada.

Electrical Communication with
light-vessels and light-houses

N
mas

E

I have re re
7/13/95
1/13/95

Marine (18957) DEPARTMENT.

128 + 138.

From

THE PRESIDENCY PORT OFFICER,

Madras,

To

THE CHIEF SECY. TO GOVERNMENT,

MARINE DEPARTMENT,

Fort St. George.

No. $\frac{1271}{50}$ 4

Dated 26th February 1895.

Received 7-7th

encl. no. 1 C. no
1280 is encl

No. 27 FEB. 1965

SECRET
27 FEB 1965
DEPARTMENT OF

Subject.

Returns with remarks
Current No 128 That none of
the lighthouses have
electric communication
except that at Vakalapudi

Letter to 1 March 95, No. 64
 to the Secretary to the Govt.
 of India, F. & C. Dept.
 despd 2/3/95

Sir,

In reply to Mr Hart

letter, dated 19th Feb 1895, No.

806 S. A., I am directed to state

that there are no lightversels,

Outlying lighthouses or signal

or saving stations other than

lighthouses on the coasts of

this Presidency.

2. The following stations

at which lights are exhibited

are in ~~telephonic~~^{telegraphic} communication

with the rest of India, namely,

Mangalore, Cannanore, Tellicherry.

balient, lochin, Mutterm,

(via

2
Halingapattam, and Gopalpore.
None of the lighthouses, however,
have electric communication
except that at Vakkalapudi
which is connected by telephone
with the Port Office at Cocanada.

I have the honor to be,

Sir,

Your most obedt. servant,

A. D. Baileys,
Personal Assistant,

For Presidency Port Officer

mm.

No. 1271 9
50

Heading.

From Commander W. Powell, R.S.M.,
The PRESIDENCY PORT OFFICER,
MADRAS,

To
THE CHIEF SECRETARY TO GOVERNMENT,
MARINE DEPARTMENT,
FORT ST. GEORGE.

SIR,
In reply to Endorsement No. 387, dated
25th February 1895 on Marine Current No.
128 herewith returned I have the honor
to state as follows: -

- (a) As to Right vessels - mib
- (b) As to outlying lighthouses - mib
- (d) As to signal or saving
stations other than
lighthouses - - - - - mib

2. (c) The following stations at which
lights are exhibited are in telegraphic
communication with the rest of India
namely, Mangalore, Cannanore,
Tellicherry, Calicut, Cochin, Muttam
(via stage-coil about 8 miles away)
Pamban, Negapatam, Kudalore
Madras, Masulipatam (a small
flagstaff light), Cocanada,
Calicut

PRESIDENCY PORT OFFICE,
Madras, 26 February 1895.

6114
Encl 25-2-95 No. 387
Referred to the
Presidency Port
Officer, at an
early date.

Frederick
Chief Secretary

483
25.2.95.

CURRENT No. 128
GOVERNMENT OF INDIA.
Finance and Commerce Department.

To

No. 816 S. R.

Dated Calcutta, the 19th February 1895.

Recd 24/2.
Regd 1.25/2
Encl 1.75c
of encl.

Requesting to be furnished with information concern-
ing electrical communication with Light-vessels and
Light houses on the Indian coasts.

G. I. C. P. O.—No. 781 F. & C. D.—19-2-95.—130.—B. N. D.

No. 816 S. R.
GOVERNMENT OF INDIA.
FINANCE AND COMMERCE DEPARTMENT.

UNDER SECRETARY
24 FEB 95
PUBLICITY DEPT.

To

*The Secretary to the Govt. of Madras,
Marine Dept.*

SIR,

Calcutta, the 19th February 1895.

I AM directed to forward copy of a Despatch from the Secretary of State for India, No. 5 (Revenue), dated the 17th January 1895, and of its enclosures, and to request that the information required by the Board of Trade concerning electrical communication with Light-vessels and Light houses on the Indian coasts may be furnished to this Department at an early date.

I have the honour to be,

SIR,

Your most obedient Servant,

G. M. H. A.
Offg. Asstt. Secy. to the Govt. of India.

GERMANY—

- (1) *Light-vessels*.—None are electrically connected, although experiments have been made.
- (2) *Outlying Lighthouses*.—Five of these (Oberer Eversand, Unterer Eversand, Meyers Legde, Hoheweg, and Rothersand) are in direct electrical communication with the general telegraphic system of the country.
- (3) *Lighthouses on the Mainland*.—Thirty of these are electrically connected with the general telegraphic system of the country.

GREECE—

- (1) *Light-vessels*.
 - (2) *Outlying Lighthouses*.
 - (3) *Lighthouses on the Mainland*.
- There are none.
—There is no electrical communication.

ITALY—

- (1) *Light-vessels*.
 - (2) *Outlying Lighthouses*.
 - (3) *Lighthouses on the Mainland*.
- No electrical communication.

NETHERLANDS—

- (1) *Light-vessels*.
 - (2) *Outlying Lighthouses*.
 - (3) *Lighthouses on the Mainland*.
- No electrical communication.
—All these are in electrical connection with the general telegraphic system of the country.
The chief signal stations and all the coastguard stations are electrically connected.

PORTUGAL—

- (1) *Light-vessels*.—There are none.
- (2) *Outlying Lighthouses*.—No electrical communication.
- (3) *Lighthouses on the Mainland*.—All these are connected with the telegraphic system of the country.

ROUMANIA—

- (1) *Light-vessels*.
 - (2) *Outlying Lighthouses*.
 - (3) *Lighthouses on the Mainland*.
- No electrical communication.

RUSSIA—

- (1) *Light-vessels*.—No electrical communication.
- (2) *Outlying Lighthouses*.—A few island lighthouses are electrically connected.
- (3) *Lighthouses on the Mainland*.—A few are electrically connected.

SPAIN—

- (1) *Light-vessels*.—
- (2) *Outlying Lighthouses*.—
- (3) *Lighthouses on the Mainland*.—

SWEDEN AND NORWAY—

SWEDEN—

- (1) *Lighthouses*.—No electrical communication.
- (2) *Outlying Lighthouses*.—Five island lighthouses (Vinga, Sparö, Landsort, Sandhamn, and Söderarm) are electrically connected.
- (3) *Lighthouses on the Mainland*.—Some of these are in telephonic communication with the district telephone systems.

NORWAY—

- (1) *Light-vessels*.—There are no light-vessels.
- (2) *Outlying Lighthouses*.—Two island lighthouses (Oxö and Färder) are in electrical communication with the general telegraphic system of the country.
- (3) *Lighthouses on the Mainland*.—No electrical communication.

UNITED STATES OF AMERICA—

- (1) *Light-vessels*.—None are electrically connected.
- (2) *Outlying Lighthouses*.—Four (Tarpaulin Cove, Gay Head, Nantucket, and Block Island (S.E.) Lighthouses) are in electrical connection with the general telegraphic system of the country.
- (3) *Lighthouses on the Mainland*.—Three are in electrical connection with the general telegraphic system of the country.
All the signal stations and the majority of the life-saving stations are electrically connected.

GOVERNMENT OF INDIA.
FINANCE AND COMMERCE DEPARTMENT.

Enclosures of Letter No. 816 S.R. of 1895.

No. 5 (Revenue), dated 17th January 1895.

From—The Secretary of State for India (RIGHT HONOURABLE H. H. FOWLER),
To—The Government of India.

I forward copy of a letter from the Board of Trade, and shall be glad if Your Excellency will furnish me with the information required by the Board concerning electrical communication with the Lighthouses, etc., on the Indian coasts. The information should be given under the heads detailed by the Board of Trade and should reach me not later than the middle of June 1895.

Dated 20th December 1894.

From—C. C. TREVOR, Esq., Secretary Board of Trade, London,
To—The Under-Secretary of State for India.

I am directed by the Board of Trade to acquaint you that they have received a letter from the Royal Commission on Electrical Communication with Lighthouses and Light-vessels, in which the Commissioners state that they will be glad to receive, not later than the end of June next, information showing how far electrical communication with Lighthouses and Light-vessels exists in British India.

The Board of Trade would be much obliged if Mr. Secretary Fowler could cause this information to be supplied, and they would suggest that it might be furnished under distinct heads, viz. :—

- (a) as to light-vessels;
- (b) „ outlying lighthouses;
- (c) „ lighthouses on the mainland;
- (d) „ signal or saving stations other than lighthouses.

ROYAL COMMISSION ON ELECTRICAL COMMUNICATION WITH LIGHT-
HOUSES AND LIGHT-VESELS.

Statement showing how far Electrical Communication with Light-vessels and Light-houses exists in the British Colonies and Foreign Countries, compiled from information furnished in 1892.

BRITISH COLONIES.

AUSTRALIA—

NEW SOUTH WALES—

- (1) *Light-vessels*.—The only light-vessel is not electrically connected with the mainland.
- (2) *Outlying Lighthouses*.—There are only two outlying lighthouses, and those are not electrically connected.
- (3) *Lighthouses on the Mainland*.—All these are electrically connected with the general telegraphic system of the colony.

QUEENSLAND—

- (1) *Light-vessels*.—The six light-vessels are not electrically connected.
- (2) *Outlying Lighthouses*.—The lighthouses on Flat Top Island and Woody Islands are connected by submarine cable with the main telegraphic system of the country. A cable was (in April 1892) shortly to be carried to Goode Island Lighthouse.
- (3) *Lighthouses on the Mainland*.—All these are electrically connected with the general telegraphic system of the colony.

SOUTH AUSTRALIA—

- (1) *Light-vessels*.—The only light-ship is not electrically connected.
- (2) *Outlying Lighthouses*.—Althorpse Island Lighthouse and Troubridge Lighthouse are connected by telephone with the general telegraphic system of the colony.

ORDINARY, MS.

Marine DEPARTMENT.
G.O., DATED 4 March 95
No. 65, 66.

When given for copying. 4/3

[Despatch Abstract.]

Passing order on the preliminary
inquiry into the accident
at the S. S. Davidson held at
Port Officer, Calcutta, and
asking the Board for
investigation.

No. 816 S. R.
GOVERNMENT OF INDIA.
FINANCE AND COMMERCE DEPARTMENT.

UNDER SECRETARY
24 FEB 95
PUBLICITY DEPT.

To
*The Secretary to the Govt. of Madras,
Marine Dept.*

Calcutta, the 19th February 1895.

SIR,

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I have the honour to be,

SIR,

Your most obedient Servant,

G. M. S. A.
Offg. Asstt. Secy. to the Govt. of India.

GOVERNMENT OF INDIA.
FINANCE AND COMMERCE DEPARTMENT.

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The Board of Trade would be much obliged if Mr. Secretary Fowler could cause this information to be supplied, and they would suggest that it might be furnished under distinct heads, viz. :—

- (a) as to light-vessels;
- (b) „ outlying lighthouses;
- (c) „ lighthouses on the mainland;
- (d) „ signal or saving stations other than lighthouses.

ROYAL COMMISSION ON ELECTRICAL COMMUNICATION WITH LIGHT-
HOUSES AND LIGHT-VESSLS.

Statement showing how far Electrical Communication with Light-vessels and Light-houses exists in the British Colonies and Foreign Countries, compiled from information furnished in 1892.

BRITISH COLONIES.

AUSTRALIA—

NEW SOUTH WALES—

- (1) *Light-vessels.*—The only light-vessel is not electrically connected with the mainland.
- (2) *Outlying Lighthouses.*—There are only two outlying lighthouses, and those are not electrically connected.
- (3) *Lighthouses on the Mainland.*—All these are electrically connected with the general telegraphic system of the colony.

QUEENSLAND—

- (1) *Light-vessels.*—The six light-vessels are not electrically connected.
- (2) *Outlying Lighthouses.*—The lighthouses on Flat Top Island and Woody Islands are connected by submarine cable with the main telegraphic system of the country. A cable was (in April 1892) shortly to be carried to Goode Island Lighthouse.
- (3) *Lighthouses on the Mainland.*—All these are electrically connected with the general telegraphic system of the colony.

SOUTH AUSTRALIA—

- (1) *Light-vessels.*—The only light-ship is not electrically connected.
- (2) *Outlying Lighthouses.*—Althorpse Island Lighthouse and Troubridge Lighthouse are connected by telephone with the general telegraphic system of the colony.

- (3) *Lighthouses on the Mainland.*—Of the eight lighthouses on the mainland, five are electrically connected with the general telegraphic system of the colony.

VICTORIA—

- (1) *Light-vessels.*—The three light-vessels are not electrically connected.
 (2) *Outlying Lighthouses.*—Gabo Island Lighthouse is connected by submarine cable with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—Of the twelve lighthouses on the mainland, all but one are electrically connected.

WESTERN AUSTRALIA—

- (1) *Light-vessels.*—There are no light-vessels.
 (2) *Outlying Lighthouses.*—Of the three outlying lighthouses, one (Breaksea Island Lighthouse) is telephonically connected by submarine cable with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—Of the five of these lighthouses, two (Bunbury and Fremantle Lighthouses) are electrically connected with the general telegraphic system of the colony.

BRITISH GUIANA—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —No electrical connection.

CANADA—

- (1) *Light-vessels.*—There is no electrical connection with any of the 17 Canadian light-vessels.
 (2) *Outlying Lighthouses.*—Fifteen outlying lighthouses are electrically connected with the telegraphic system of the colony. The two lighthouses on Sable Island are connected with each other, and with the life-saving stations on the island, but there is no cable from the mainland to the island.
 (3) *Lighthouses on the Mainland.*—The greater number of these are connected with the general telegraphic system of the dominion.

CAPE OF GOOD HOPE—

- (1) *Light-vessels.*—There are no light-vessels.
 (2) *Outlying Lighthouses.*—There is no electrical communication with any of the three outlying lighthouses.
 (3) *Lighthouses on the Mainland.*—Of the eleven lighthouses on the mainland, five are in electrical communication with the general telegraphic system of the colony.

CEYLON—

- (1) *Light-vessels.*—There are no light-vessels.
 (2) *Outlying Lighthouses.*—These are two in number (Great and Little Basses). Neither is electrically connected.
 (3) *Lighthouses on the Mainland.*—One of these (Batticaloa) is telephonically connected with the Custom House in the town.

HONG-KONG—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—The Gap Rock Lighthouse is in electrical communication with the island.
 (3) *Lighthouses on the Mainland.*—The only lighthouse on the mainland which is electrically connected is that at Cape D'Aguilar.

JAMAICA—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.* } —There are none.
 (3) *Lighthouses on the Mainland.*—There are three of these lighthouses, and one (Morant Point Lighthouse) is in electrical communication with the telegraphic system of the island.

MAURITIUS—

- (1) *Light-vessels.*—There is no electrical communication with the only light-ship.
 (2) *Outlying Lighthouses.*—Neither of the two outlying lighthouses is electrically connected.
 (3) *Lighthouses on the Mainland.*—The Cannonniers Point Lighthouse is in electrical communication with Port Louis.

NATAL—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —There are none.
 —No electrical communication.

NEWFOUNDLAND—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—No electrical communication.
 (3) *Lighthouses on the Mainland.*—Three of these (Cape Race, Cape Ray, and Cape Spear) are electrically connected with the general telegraphic system of the island.

NEW ZEALAND—

- (1) *Light-vessels.*—With the exception of two small light-vessels in the harbours of Otago and the Bluff, there are no light-vessels.
 (2) *Outlying Lighthouses.*—The Tiri Tiri Island Lighthouse is the only outlying lighthouse in electrical connection with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—Nine of these lighthouses are electrically connected with the telegraphic system of the colony.

STRAITS SETTLEMENTS—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—The Muka Head Lighthouse is the only outlying lighthouse connected with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—None of these are connected.

TASMANIA—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—Of the eight outlying lighthouses only one (Swan Island) is electrically connected.
 (3) *Lighthouses on the Mainland.*—All these are electrically connected with the telegraphic system of the colony.

TRINIDAD—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—There is only one and that is not electrically connected.
 (3) *Lighthouses on the Mainland.*—There is only one small light and that is not electrically connected.

FOREIGN COUNTRIES.

AUSTRIA-HUNGARY—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.

BELGIUM—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.

BULGARIA—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.

DENMARK—

- (1) *Light-vessels.*—None of these are electrically connected.
 (2) *Outlying Lighthouses.*—Of the fourteen outlying lighthouses, seven (Thuno, Sprogø, Sciero, Hesselø, Anholt, Aggersø, and Omo) are electrically connected.
 (3) *Lighthouses on the Mainland.*—All these are electrically connected with the general telegraphic system of the country.
 All the signal and life-saving stations are electrically connected.

FRANCE—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.

- (3) *Lighthouses on the Mainland.*—Of the eight lighthouses on the mainland, five are electrically connected with the general telegraphic system of the colony.

VICTORIA—

- (1) *Lightvessels.*—The three light-vessels are not electrically connected.
 (2) *Outlying Lighthouses.*—Gabo Island Lighthouse is connected by submarine cable with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—Of the twelve lighthouses on the mainland, all but one are electrically connected.

WESTERN AUSTRALIA—

- (1) *Light-vessels.*—There are no lightvessels.
 (2) *Outlying Lighthouses.*—Of the three outlying lighthouses, one (Breaksea Island Lighthouse) is telephonically connected by submarine cable with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—Of the five of these lighthouses, two (Bunbury and Fremantle Lighthouses) are electrically connected with the general telegraphic system of the colony.

BRITISH GUIANA—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —No electrical connection.

CANADA—

- (1) *Light-vessels.*—There is no electrical connection with any of the 17 Canadian light-vessels.
 (2) *Outlying Lighthouses.*—Fifteen outlying lighthouses are electrically connected with the telegraphic system of the colony. The two lighthouses on Sable Island are connected with each other, and with the life-saving stations on the island, but there is no cable from the mainland to the island.
 (3) *Lighthouses on the Mainland.*—The greater number of these are connected with the general telegraphic system of the dominion.

CAPE OF GOOD HOPE—

- (1) *Light-vessels.*—There are no light-vessels.
 (2) *Outlying Lighthouses.*—There is no electrical communication with any of the three outlying lighthouses.
 (3) *Lighthouses on the Mainland.*—Of the eleven lighthouses on the mainland, five are in electrical communication with the general telegraphic system of the colony.

CEYLON—

- (1) *Light-vessels.*—There are no light-vessels.
 (2) *Outlying Lighthouses.*—These are two in number (Great and Little Basses). Neither is electrically connected.
 (3) *Lighthouses on the Mainland.*—One of these (Batticaloa) is telephonically connected with the Custom House in the town.

HONG-KONG—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—The Gap Rock Lighthouse is in electrical communication with the island.
 (3) *Lighthouses on the Mainland.*—The only lighthouse on the mainland which is electrically connected is that at Cape D'Aguilar.

JAMAICA—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.* } —There are none.
 (3) *Lighthouses on the Mainland.*—There are three of these lighthouses, and one (Morant Point Lighthouse) is in electrical communication with the telegraphic system of the island.

MAURITIUS—

- (1) *Light-vessels.*—There is no electrical communication with the only light-ship.
 (2) *Outlying Lighthouses.*—Neither of the two outlying lighthouses is electrically connected.
 (3) *Lighthouses on the Mainland.*—The Cannonniers Point Lighthouse is in electrical communication with Port Louis.

NATAL—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —There are none.
 } —No electrical communication.

NEWFOUNDLAND—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—No electrical communication.
 (3) *Lighthouses on the Mainland.*—Three of these (Cape Race, Cape Ray, and Cape Spear) are electrically connected with the general telegraphic system of the island.

NEW ZEALAND—

- (1) *Light-vessels.*—With the exception of two small light-vessels in the harbours of Otago and the Bluff, there are no light-vessels.
 (2) *Outlying Lighthouses.*—The Tiri Tiri Island Lighthouse is the only outlying lighthouse in electrical connection with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—Nine of these lighthouses are electrically connected with the telegraphic system of the colony.

STRAITS SETTLEMENTS—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—The Muka Head Lighthouse is the only outlying lighthouse connected with the general telegraphic system of the colony.
 (3) *Lighthouses on the Mainland.*—None of these are connected.

TASMANIA—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—Of the eight outlying lighthouses only one (Swan Island) is electrically connected.
 (3) *Lighthouses on the Mainland.*—All these are electrically connected with the telegraphic system of the colony.

TRINIDAD—

- (1) *Light-vessels.*—There are none.
 (2) *Outlying Lighthouses.*—There is only one and that is not electrically connected.
 (3) *Lighthouses on the Mainland.*—There is only one small light and that is not electrically connected.

FOREIGN COUNTRIES.

AUSTRIA-HUNGARY—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.

BELGIUM—

- (1) *Light-vessels.*
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BULGARIA—

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 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.

DENMARK—

- (1) *Light-vessels.*—None of these are electrically connected.
 (2) *Outlying Lighthouses.*—Of the fourteen outlying lighthouses, seven (Thuno, Sprogø, Sciero, Hesselø, Anholt, Aggersø, and Omo) are electrically connected.
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 All the signal and life-saving stations are electrically connected.

FRANCE—

- (1) *Light-vessels.*
 (2) *Outlying Lighthouses.*
 (3) *Lighthouses on the Mainland.* } —None of these are electrically connected.