

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

ENCLOSURES.

CURRENT No.

278

317

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.
- E - Not to be copied.
- F - Copy abstract only.
- Q - Copy heading only.

BACK PAPER, No.

OF 189

FURTHER PAPER, No. 483

OF 189

PUBLIC WORKS DEPARTMENT.

1895.

Public Works Department.

No. 815

Dated 2

Despatched

Received 320

Encl 1 + 1 plan

April '95

CHIEF SECRETARY
GOVERNMENT OF MA
3. APR. 1895
SUBJECT.

Communicating report
submitted by the Suptg. Engr.
II Circle on the result of
testing the Lightning Conductors
of the Lighthouse at Point
Divi

mar

278

Mar 30 No 518 14-2-95 min
391 272-10-94 only

to 797 d/10 April 1895

Referred to Mr Asquith
for favour of remarks.

Headquarters
Chief Secretary

2.5.13.
6.4.5.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Superintending Engineer, II
Circle, No. 29/2 K.S. dated 20th March 1895.

In continuation of my No. 349 B. dated
19th January 95, I have the honour to report
that the lightning Conductor of the light-
house at Point Diwi, has been tested by
Sergeant C. J. Smith Overseer.

2. The Conductor and earth are in very
good order, the resistance of the former being
"nil" and of the latter under 1 ohm. The test
however proves that the wind vane is not
in electrical communication with the
Copper tape of the Conductor, and I will
take steps to have the necessary connection
made. I think it would be advisable
to make a reference to Messrs. Chance
Brothers on the subject of the proper
method

method of constructing wind vanes
that shall be suitable for lighthouses,
and at the same time be capable of
being electrically connected with the
Copper tape which usually forms
the lightning Conductor

3. The difficulty in the connection
is that the spindle of the vane must
revolve, and in most cases the bearing
of the pivot of the spindle as shown in
the accompanying tracing is insufficient
to give a good electrical connection.

Order Bureau No. 815 W. of 2^d April 1895

Communicated to the Marine
Department in continuation of G.O.

No. 184 W. dated 24th January 1895.

(True Extract)

C. H. R. Boulton.

Under Secy. to Govt. Pro. D.

[Signature]

J.

The Marine Department

with 2 enclosures

[G]
2,000-22-1-95

Current No. 317

Marine DEPARTMENT.

From

J. W. Ashpitel Esq.,

Ex: Engineer or specialist

No.

Dated

23rd

Received

25th

Regd

26th

Enclosures

C. 278 - Enclosures

April/95.

SUBJECT.

Submitting report re the
result of testing the lightning
conductor of the Lighthouse at
Point Divi.

Order 6 May 1895, No. 125.

Mr Ashpitel's letter
will be comm. to the
P. W. Dept with the
request that it may
be stated whether a
reference to Messrs
Chance Bros. is still
considered desirable.

2d
4/5/95

353
11/5/95

Copied
P. W. Dept 9/13 MAY 95
IN M.S.

WITH ORDER

25 April 1897

F. W. Ashpiter, Esq.

To

The Admiralty, Whitehall, London.

Sir,

With reference to your endorsement No. 797

of 20th April 1897, and No. 815 W. 2/2nd April 1897, I have

honoured to point out that the wind vane at Point Div

is not in line and that there is no apparent reason

for the method of fixing lightning conductors

to light towers.

The system of arranging lightning conductors adopted by

Trinity House on the advice of Faraday is ^x Mr. W. T.

is shown in the plan attached and that

apparently been

3. A point which has caused the Surveying Engineer's

attention is the necessity of bringing the conductors

the apparatus pedestal and other considerations

within the tower.

4. I would suggest that the lightning conductor should

connect at its upper end to the top of the tower

pedestals in the usual way.

5. It is suggested that the new light is absolutely

**vide para 19 at
page 4 of 8 p. d/*
22. Jan'y. 91, No.
25. Marine.

icted.

Sir,

7 Wharfedale

En Eng. on Special Outing

Enclosures.

G.O. No 815 W. & two euclozans.

