

Marine (1897) Department.

G.O., No. 454 mar

DATED 15 May 68

[Despatch Abstract.]

Lighthouses. P. W. Pross, Comdr: letter from
S. E. V. Cich submitting a report of inspection
of the — on Naze Island Tetric in and at
Manafad, Comdr to the F. P. Officer.

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Removes from 20.

626 mar

15-7-58

24597

21/5/97

BACK PAPERS.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	795668						
	626	Sec.	19-7-98				

Marine (1897) Department.

CURRENT No. 688

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Order 454 mar 8 15th may 1897

Communicated to
the Presidency Post office.

From

The public Works Department

The P.P.O.!

C.S.

2/5/97

No. 1194 W

Dated 8th May 1897.

Received 13-5-57

Enclosures

Spare copies

SUBJECT.

Letter from the Superintending
Engineer, VI circle submitting
report of inspection of the light-
houses on Hare Island, Tuticorin,
and at Mannapad, Communi-
-cated.

BACK PAPERS.

FURTHER PAPERS

351

Details of Lighthouses inspected by Lt. Col. G. V. Boddy R.E., Superintending Engineer, VI circle, in April 1897.

Lighthouses.	Class of Light.	Height of Centre of lantern above mean sea level.	Distance at which light is visible.	Object of Light.	Date of last testing of Lightning Conductor.	Remarks.
Hare Island	Fourth order	85	14	To mark position of anchorage.	26 th September 1896.	The lighthouse is in good order.
Tuticorin	Dioptric Fixed White					
Manapad.	Fourth order catadioptric	104	8	To warn coasting vessels of the dangerous shoals and reefs in the vicinity	12 th August 1896.	The lighthouse is in good order.
	Fixed Red					

Superintending Engineer's
Office, VI circle.
Trichinopoly
20th April 1897

Sgt. G. V. Boddy. Lt. Col. R.E.
Superintending Engineer
VI circle.

21/5/97

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Superintending Engineer,
VI circle, No. 368 T. N. dated 20th April 1897.

I have the honour to report that
I have inspected the following light-houses.

Hare Island, Tuticorin, on 9th Instant ~
Manapad on 13th Instant.

2. The weathering of the stone of which the ~
Column of the light-house on Hare Island
is built continues. My suggestion for ~
preserving the stone, approved of in G. O.
No. 2441 W dated 1st October 1894, has however
been carried out during last month the ~
material used being Szerebmey stone liquid,
and it is hoped this may have the effect
of arresting further decay. The Cost for ~
painting 44 squares was Rs 250.
3. 7 out of the 8 panes of glass in the lantern
are cracked probably from being set
too tight in the frame. There are 4 ~
spare panes in store which have become
considerably clouded. One of the panes in
the lantern is so badly cracked that I

Consider it should be replaced at once and as it is on the West side facing the land I do not think there will be any objection to using one of the spare panes.

4. The illuminating apparatus is in good order.

5. A store room and oil godown has recently been erected by the Marine Department and 4 oil tanks have been received, which will obviate the constantly sending small supplies of oil from the main land, and also allow the oil to settle before being drawn off.

6. The lightning conductor was tested by Sub-Engineer Mr. Whitbread on 26th September 1896 and he reports it to be in perfect order.

7. The tower on which the Manapad Light is installed is in good order, but has several fine cracks running through the building — from parapet to basement.

These are not due to any defects in the foundations but are probably caused by the vibration the tower is subject to on account of the very high winds which prevail at this place. I do not attach any importance to these cracks.

8. The illuminating apparatus is in good order. The pedestal which carries it, is not sufficiently ^{rigidly} ~~rightly~~ fixed, and as there is

is no lantern at this light-house, the vibration caused by the wind acting directly on the apparatus is doubtless considerable, and may possibly have conduced to the cracks noticed in the walls of the tower. The base of the pedestal should be bolted through to a plate placed under the rafters which support it, and the pedestal should be strutted. This will not interfere with the movements of the Light-keeper.

9. Canvas blinds have been provided as a protection to the Light-keepers, round the 4 sides of the light room, but they are of no utility, as the Superintendent informs me that if one of them is lowered the lamp will not burn.

10. The floor of the light room has recently been relaid in asphalt.

11. All the stones are well looked after.

12. The quarters for the Superintendent and for the Light-keepers are in excellent order, having recently been repaired.

13. The Lightning conductor was tested by Sub-Engineer Mr. Whitbread on 12th August 1896, and he found it to be in perfect order.

order

Order thereon ~~N^o~~ 1194 W of 8th May 1897

Communicated to the ~
Marine Department.

(True Extract)

A. Whapp.
for Secretary
xms

To
The Marine Department.