

- (1) பக்கங்களின் எண்ணிக்கை - 10 -
 (2) புதுக்கித் திருப்பிய நாள் 1990 1990.
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/8

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

முக்தி வந்த துறை

அரசாணை எண். <u>2190</u>	அச்சகம்
மு. கோப்புத் தாள் எண்.	பலவகை
நாள் : <u>25.8.1993.</u>	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department (through the Presidency Port officer), dated Dowlaishweram, 31st July 1893, No. 275 G.L.

I have the honour to report that I inspected the following lighthouses on the dates mentioned against each:—

Calingapatam	...	...	...	...	1st March 1893.
Santopalli	...	...	...	...	18th "
Hope Island	...	...	...	...	16th July "
Vakalapudi	...	...	...	...	19th " "

ENCLOSURE.

TABULAR form of Lighthouses.

Lighthouse.	Class of light.	Height of centre of lantern above high water.	Distance at which light is visible.	Object of light.	Date when lightning conductor was last tested.	Remarks.
Calingapatam.	Dioptric fourth order port light.	FEET. 75	MEAS. 12	To warn mariners off the Satara reef.	Not known	Column and buildings in good order; an estimate is under preparation for erecting a superior light and for building a small service room on the top of the obelisk. The lightning conductor is in good order; will be tested after the improvements are carried out.
Santopalli . . .	Second order dioptric fixed white light.	163 77.	16	To warn mariners off the Santopalli reef.	Nov. 1890	The lighthouse and out-buildings are in good order. The lighthouse-keeper requires an additional room to his quarters for an office; an estimate will be framed for this.
Vakalapudi . .	Fourth order dioptric white flash every 20 seconds.	80	14	To guide vessels clear of shoals off Point Gorda-ware.	28th Aug. 1892.	Tower in good order, machinery works satisfactorily, but some of the bushes have worn considerably. These required to be replaced by the spare set in hand and another set provided. The lightning conductor is in good order. One staple requires refixing. It will be tested again shortly. The light ladders' lines are out of repair and an estimate has been sanctioned and which will be put in hand after the rains.

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Lighthouse.	Class of light.	Height of centre of lantern above high water.	Distance at which light is visible.	Object of light.	Date when lightning conductor was last tested.	Remarks.
Hope Island ..	Fourth order dioptric with red sector.	FEET. 83	MILES. 14	To guide vessels clear of shoals off Point Gorda-ware.	1st Sept. 1892.	The new cupola and light was fixed by the Public Works Department in December and the new light exhibited from the 1st January 1893. The light is reported to be good and a great improvement over the old light. The Lighthouse Superintendent complains that insects interfere with the light. In ordering lights from home it would be well that the makers should provide against this contingency which is a serious one in situations like Hope Island, Point Divi. The Port officer has now supplied the Light Superintendent with some wire gauze to fasten round the smoke chimney by which the insects find their way to the burner. The tower is in good order; a little Portland cement plastering required in places outside the tower and to the basement at foot of the tower.

No. 1124/153 P.W.

Forwarded, observing that the Superintending Engineer's remarks regarding Vakalapudi and Hope Island Lighthouses have already received my attention.

MADRAS,
14th August 1893.

(Signed) H. A. STREET, Commander, R.I.M.,
Ag. Presidency Port Officer.

ORDER—dated 25th August 1893, No. 2190 W., Public Works.

Communicated to the Marine Department.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Marine Department.
Superintending Engineer, I Circle.

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of {1893} Madras.
PUBLIC WORKS.

Dated August, 25/18.

Recd.

Encl.

G.O., 25th Aug. 1893, No. 2190 W.

AUGUST.

Lighthouses

Inspection report of certain — in the I Circle by the Superintending Engineer of that circle with remarks thereon by the Presidency Port officer, communicated to the Marine Department.

No. 2754 PW/91

FROM

G. D. Wyllow Esq
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

Enclosure.

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 31st July 1893.

SIR,

I have the honor to report that I inspected the marginally noted lighthouses on the dates mentioned against

Calingapatam 1st March 1893.
Cantopalli 13th do do each -
Hope Island 16th July 1893.
Kakalopudi 19th do do

I have the honor to be,
Sir,
Your most obedient servant

G. D. Wyllow,
Sup^r Engineer 1st Circle

Enclosure.

Tabular form of lighthouses.

Lighthouse.	Class of light.	Height of plane centre of lamp from above high water.	Distance at which light is visible.	Object of light.	Date when lightning conductor was last tested.	Remarks.
Calingapatam	Dioptric 4 th Order Port light	76	12	To warn mariners off the Sata in reef.	not known	Column & buildings in good order, an estimate is under preparation for erecting a superior light, & for building a small service room on the top of the Obelisk. The lightning conductor is in good order - will be tested after the improvements are carried out.
Cantopalli	2 nd Order Dioptric	16	16	To warn mariners	not known	The lighthouse & outbuildings are in good order - the light-house

Takalopudi	4 th Order dioptric white flash every 20 seconds.	80	14	To guide navigators clear of Point Gardner	28 th Augt 1892-	Tower in good order, machinery works satisfactorily, but some of the bushes have worn considerably. These require to be replaced by the spare set in hand & another set provided. The lightning conductor is in good order. One staple requires refixing. It will be tested again shortly. The light house lines are out of repair and an estimate has been sanction- ed & which will be put in hand after the rains.
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Hope Island	4 th Order dioptric with red sector	83	14	do	1 st Sept. 1892-	The new cupola & light was fixed by the P.M.D. in Dec. & the new light exhibited from the 1 st Jan 93. The light is reported to be good & a great improvement over the old light. The light house Supt com- plains that insects interfere with the light. In ordering lights from home it would be well that the makers should provide against this contingency, which is a serious one in situations like Hope Island, Point Divi. The Port Officer has now supplied the Light Supt with some wire gauge to fasten round the smoke chimney, by which the insects find their way to the burner. The tower is in good order, a little Portland Cement plastering re- quired in places outside the tower, & to the basement at foot of the tower.
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P. W. CURRENT No. 7123

FROM

G. H. Wyke Esquire
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT

thru the Presidency Post Office
DATED 31st July
DESPATCHED 1st August 1893.
RECEIVED 16th

No. 275-9

ENCLOSURES

SUBJECT.

Light houses in the
first Circle —
Submitting a report of
inspection of certain —

L. E. L. 500-13-2-93

No. 2920 W 28.10.92
1627 W 17.6.93
1657 W 23.6.93

No. 1124 W
153

Forwarded, observing
that the Superintending
Engineer's remarks regarding
Vakalapudi and Hope Island
Lighthouses have already
recurred my attention.

R. J. M.

Commander R. J. M.
As. Presy Post Office

Presidency Post Office
Madras 1st August 1893
2190 W 25 Aug 1893.

30 Communicated
to the Marine Dept

21.8.93

DESPATCHED
Marine Dept
S.E.

8190/5