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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1613A	Press
86A-86B		Mis.
Dated	14 7 1842.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th July 1872.*

No. 86A. Read the following endorsement of the Secretary to Government, dated Fort St. George, 27th June 1872 :—

From the Master Attendant, Administrative Department, to the Secretary to Government, Marine Department, dated Madras, 25th June 1872, No. 3,541.

I HAVE the honour to bring to the notice of Government the following circumstances in connection with the Mangalore lighthouse, and to solicit early orders thereon.

2. On the 13th ultimo the Collector of South Canara called upon the Assistant Engineer in charge of the Mangalore Range to examine the light column, as he had received intimation that the lighthouse vibrated in windy weather. On the 12th instant the Assistant Engineer reported as follows :—" I examined the lighthouse yesterday during a moderately high wind, and found the vibration considerable. I have not yet sufficient evidence to show that this vibration is beyond the limit of safety, and do not consider that I am justified in removing the light from the pillar at this season of the year—a dangerous and expensive operation." The Collector in a letter dated 20th instant, received this day, informs me " that in order to prevent danger to life he has directed the lascars not to work the light in stormy weather." In reply to this intimation I have requested the Collector by telegram to continue the light until the orders of Government have been received, and due warning given to ships, particularly to the British India Steam Navigation Company's Steamers.

3. I would therefore recommend that a special inspection be ordered immediately to be made in the Public Works Department of the whole column, and the result reported to Government. If the building is positively unsafe the sooner it is pulled down the better, as although by not exhibiting the light the safety of the lascars is ensured, yet the splendid dioptric apparatus lately fitted in the column would stand in imminent danger of being blown down and destroyed.

4. If, however, it is decided to close the light temporarily (a course much to be deprecated during the most stormy season of the year) I would suggest that the light be discontinued for good till the 15th August next.

TRANSFERRED to the Department Public Works for disposal.

(Signed) W. HUDLESTON,
Secretary to Government.

MEMORANDUM BY CHIEF ENGINEER.

THE lighthouse in question is a substantial stone column planned by myself, and built in a most satisfactory manner by the Marahmut Department, while Mr. Blane was Collector of Canara. It is of precisely similar design and materials to the columns at Calicut and Cochin, only that it is much lower than either of those, owing to the elevation of its site above the sea, about 150 feet, while they stand just above high water level. Moreover, its foundations are laid on solid laterite rock, while their's are on sand, necessitating the use of wells.

Proceedings of the Madras Government, Public Works Department,
4th July 1872.

2. I consider, therefore, that the Master Attendant, Administrative Department, may rest assured of the safety of the structure; and that the Collector should be ordered to abide by the opinion of the Assistant Engineer, and to continue the exhibition of the light as requested by Mr. Dalrymple.

3. I have called on the Superintending Engineer to supply an accurate drawing of the manner in which the lantern containing the dioptric light is exhibited on the top of the column, in order that I may judge as to its security independently of that of the column itself.

(Signed) G. W. WALKER, Colonel, R.E.,
Chief Engineer.

27th June 1872.

No. 86B.

ORDER THEREON, 4th July 1872, No. 1,613A.

CIVIL WORKS, No. 3.

THE Government are satisfied from the Chief Engineer's report on the Mangalore lighthouse that there is no reason to anticipate any failure of the structure itself, though the security of the fastenings of the lantern may have to be looked to. The Superintending Engineer of the 7th Division will however cause a special inspection and report on both column and lantern to be made.

2. Meanwhile the light will continue to be exhibited.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 7th Division.

.. Master Attendant, Administrative Department.

.. Collector of South Canara, through the Revenue Department.

Exd. S. T. Austin.

Administrative Department. Emergent. Madras. 7
Marine Office.
25th June 1872.
No. 3541.

From

The Master Attendant
Administrative Department
Madras.

To

The Secretary to Government
Marine Department
Fort-Saint-George.

Sir

I have the honour to bring to the notice of Government the following circumstances in connection with the Mangalore lighthouse, and to solicit early orders thereon.

2. On the 13th ultimo the Collector of South Canara called upon the Assistant Engineer in charge of the Mangalore Range to examine the light column, as he had received intimation that the Light House vibrated in windy weather. On the 12th instant the Assistant Engineer reported as follows.

follows. "I examined the light house
yesterday during a moderately high
wind, and found the vibration
considerable. I have not yet sufficient
evidence to shew that this vibration
is beyond the limit of safety, and
do not consider that I am justified
in removing the light from the pillar
at this season of the year - a danger-
ous and expensive operation". The

Collector, in a letter dated 20th instant,
received this day, informs me "that,
in order to prevent danger to life,
he has directed the lascars not to
work the light in stormy weather".

In reply to this intimation, I have
requested the Collector by telegram
to continue the light until the orders
of Government have been received,
and due warning given to ships,
particularly to the British India
Steam Navigation Company's Steamers.

I would therefore recom-
mend that a special inspection be
ordered

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although by not exhibiting the light
the safety of the lascars is ensured,
yet the splendid Dioptric appara-
tus lately fitted in the Column
would stand in imminent danger
of being blown down and destroyed.

If, however, it is decided
to close the light temporarily (a
course much to be deprecated
during the most stormy season
of the year) I would suggest that
the light be discontinued for good
till the 15th August next.

I have the honour to be
Sir

Your most obedient Servant

M. D. S. Dubynsky
Master Attendant
Administrative Department

Moreover its foundations
are laid on solid later-
ite Rock, while theirs
are on sand necessitating
the use of Wells -

I consider therefore that
the Master Attendant,
Administrative Depart-
ment, may rest assured
of the safety of the structure;
and that the Collector sh.
be ordered to abide by the
opinion of the Asst Engineer,
and to continue the exhi-
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quested by Mr. Dalrymple -

I have called on the Supd
Engineer to supply an ac-
curate drawing of the
manner in which the Lam-
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the light is exhibited on
the top of the column;
in order that I may judge
as to its security indepen-
dently of that of the Co-
lumn itself -

G.M.W.
27.6.72

Very mll.
A.A.
H

N: 16/13 A Canal No. 11

The Govt. are satisfied from
the Chief Engineer's report
in the Mangalore Light House
that there is no reason to
anticipate any failure
of the structure itself, tho'
the security of the fasten-
ings of the Lantern may
have to be looked to. The
Supr Engineer & Dir. will
however cause a special
inspection and report
in both columns of Lantern
to be made -

Meanwhile the Light
will continue to be ex-
hibited -

G.M.W.
3.7.72

To
The Supg Engr to the
Master Attendant
Administrative Dept
Colly of S Canara - thro the Rev Dept
to the Dir. 7/7/72
to the Master Attendant 8/7/72
to the P.C. Dept. 17/7/72
to the Rev Dept 17/7/72

C/- 3307
Govt. of 1872 Madras.
PUBLIC WORKS.

To *The Superintending Eng^r
& District*

Dated

Recd.

Encl.

G. O. 4th July 1872 1613A

Nos. 6. A. 86 B.

Mangalore Light House.

*Reply orders on letter
from the ~~resd~~ Master
Attendant, Madras. re-
specting the present
condition of the Mangan-
alore Light House.*