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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU
P. W. DEPARTMENT

G.O. No.	1223-24	Press.
B.P. No.		Mis.
Dated	~~12~~ 24-5-1880	497.

A.K
Not to be folded or roughly handled

1223-24

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

24th May 1880, No. 1,223 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 58. From F. N. THOROWGOOD, Esq., M. Inst. C.E., Superintendent
Madras Harbour Works, to the Secretary to Government, Public Works
Department, Buildings and Roads, dated Madras, 8th May 1880, No. 10 W.

I HAVE the honor to state that I have duly considered the Government Order of
March 23rd, No. 767 W., referring to certain observations to be taken during the
progress of these works to verify the truth of Mr. Parkes' assumptions.

2. The only observations that are of value are numerous and accurate soundings
such as will yield correct contour lines of the sea bottom in those places where changes
are expected to occur. Such soundings are regularly taken by me and my Assistant
and are on record in this office and shown at intervals on the quarterly plans submitted
to Government, so that I really can suggest nothing which would help to keep a more
complete record of any important changes in depth than is carried on at present.

3. More frequent surveys of the bottom would not help the question I believe,
because the greatest changes occur with fair regularity but twice in one year, and the
results of intermediate surveys would probably be variable. If, however, it should
be thought necessary to have monthly surveys, I would ask for special Surveyors from
the Marine Survey Department, as the work would be more than my staff could carry
out.

No. 59. ORDER THEREON, 24th May 1880, No. 1,223 W.
ORDERED that the Government of India be addressed.
(Here enter No. 1,224 W., dated 24th May 1880.)
(True Extract.)

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

To the Superintendent, Madras Harbour Works.

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras
PUBLIC WORKS.

To
The SUPERINTENDENT, MADRAS
HARBOUR WORKS.

Desd. May 1880.

In ad.

Desd.

Encl.

G. O., 24th May 1880, No. 1223 W.

MAY.
Nos. 57-58.

Major-General Crofton's letter No. 113 M., dated 12th March last, was communicated to the Superintendent of the Madras Harbour Works for report when and how such observations as those desired by the Government of India could best be taken.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 1,224 W.

No. 60.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,—Major-General Crofton's letter No. 113 M., dated 12th March last, was communicated to the Superintendent of the Madras Harbour Works for report when and how such observations as those desired by the Government of India could best be taken.

2. Mr. Thorowgood's letter of the 8th May, printed in the accompanying Proceedings of Government, is in reply to that reference.

No. 1,223 W., dated 24th May 1880.

3. I am directed to state that the Government agree with the Superintendent in thinking that the observations now taken are quite sufficient if regularly plotted to record all important changes in depth. Intermediate observations would only tend to obscure the general law of the movements recorded.

4. Moreover the time that will elapse before the completion of the harbour is too short to render additional monthly observations of much value.

I have the honor to be,

Sir,

Your most obedient servant,

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

FORT ST. GEORGE,
24th May 1880.

Erd. E. O. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras.
PUBLIC WORKS.

To
THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated May, 24th.

Encl.

Encl.

Encl.

G. O., 24th May 1880, No. 1,324 W.

MAY.
No. 60.

Insuring that the observations now taken
in connection with the Madras Harbour
Works soundings are quite sufficient to
record all important changes in depth.

GOVT.
OF MADRAS.

1880.

P. W.
DEPT.

SECRETARY.

Chepauk,

May 20

1880.

OFFICE NOTE.

To

From Supdt. P. W. W.

In coll. of 1880

I quite agree with the
Supdt. - The observations
now taken are quite
sufficient if regularly
collected, and intermediate
ones would only tend to
obscure the general law of
the movements recorded -
Moreover the time that
will elapse before the
completion of the Harbour

Govt. 10-5780, P. W. W.

is too short to render the
additional observations of
much value-

S

No. 10 W

1223-24
4

From

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS.

To

The Secretary to Government
Public Works Department
Buildings and Roads
Chapank
MADRAS, 8 May 1880.

Sir,

I have the honour to state that I have
duly considered the Government Order of
March 23^d No. 767W, referring to certain observa-
tions to be taken during the progress of these
works to verify the truth of Mr. Parker's
assumptions.

2. The only observations that are of value
are numerous and accurate soundings such
as will yield correct contour lines of the sea
bottom in those places where changes are ex-
pected to occur. Such soundings are regularly
taken by me and my Assistant and are on
record in this office and shown at intervals
in the quarterly plans submitted to Government,
so that I really can suggest nothing which
would help to keep a more complete record

of any important changes in depth than
is carried on at present.

3. More frequent surveys of the bottom
would not help the question I believe, because
the greatest changes occur with fair regularity
but twice in one year and the results of
intermediate surveys would probably be va-
riable. If however it should be thought
necessary to have monthly surveys, I would
ask for special surveys from the Marine
Survey Department as the work would be
more than my staff could carry out.

I have the honor to be,

Yours most obedient servant,

A. V. Morrowgood, Jr.
Superintendent, Marine Harbor Works.

G.O. 220 March 1880
No 787 W?

Buildings & Roads

From The Superintendent
Madras Harbour Works

P.W.D.

ENR 80
No. 3000

1014

Dated 5th May 1880

Soundings

State can suggest nothing which
would help to keep a more complete
Record of any important changes
in depths than is carried on at present.

Cir 13.5.80. Dtd 21.5.80.
Cvt 10.5.80. Dtd 24.5.

1223-24 No. 1223. W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 24th May 80

Read the following:—

From the Supt. Madras Harbour Works,
(H.E. No. 10 W. dated 8th May 1880)

Ordered that the
Genl. of India be ad-
dressed
(H.E. No. 1224 W. 27th May 80)

To the Secy to the
Genl. of India, P.W.D.
Sir,

Major Genl Crofton's
letter No. 113 M, dated 12th
March last was com-
municated to the Supt.
of the Madras Harbour
Works for report when
and how such obser-
vations as those desired
by the Genl of India
could best be taken.

Supt. M. H. Marks
Dated 5th 16/80

2. Mr. Thorneycroft's letter

of the 8th May, printed
in the accompanying
Proceedings of Govt.,
is in reply to that
reference.

No. 1223 W. dated
24 May, 1880.

3. I am directed to
state that the Govt.
agree with the Super-
intendent in thinking
that the observations
now taken are quite
sufficient if regularly
plotted to record all
important changes in
depth. Intermediate
observations would only
tend to obscure the
general law of the
movements recorded.

4. Moreover, the time
that will elapse before
the completion of the
harbour is too short
to render additional

1223-24
8 monthly observations
of much value.

W.H.

12.5.80

David G.
India
5-6-80

6/11
12/5

Cir 13.5.80. Phil 21.5.80 -
10.5.80

3000

Govt. of (1880) Madras.

PUBLIC WORKS.

To

By

For

Per

Per

G.O. 24th May 1881. No. 122365

122465

Nos. 58-59

60

Mr. H. W. M. S. Sounding

Ordered that the
Govt of India ^{be} informed
that the observations
now taken are quite
sufficient to record
all important
changes in depth.

Reporting that the
observations now taken
are quite in connection
with the — are quite
sufficient to record
all important changes
in depth.