

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	142827 (W)	Press
~~B.P. No.~~		~~Mis.~~
Dated	8-6-	1876.

Not to be folded or roughly handled

No. 138. Read the following letter from N. Sr. B. BEARDMORE, Esq., Officiating Superintendent, Madras Harbour Works, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 30th May 1876, No. 20 W:—

MR. PARKES, the Consulting Engineer in London of these works, has constantly been writing to request that an accurate Marine Survey should be made of the line of coast, of the sea bottom, and of the tides and currents in the neighbourhood of the proposed Madras Harbour.

2. At the commencement of this year I accordingly began preparations for this survey by making a careful plan of the coast north of Royapooram to a scale of 100 feet to an inch, inserting at certain intervals granite stone posts as marks from which sections were to be taken at right angles to the shore, showing the bottom of the sea and the inclination with which it deepens into the Bay of Bengal. I have directed some of these sections to be partly taken, and intend to submit them, with some remarks thereon, with my report of the progress of the works for the month of May; but being single-handed I can now hardly continue even this preliminary survey. I have therefore the honor to make an urgent application that Government apply to Captain A. D. Taylor of the Coast Survey that he send an Assistant from his staff in order to carry out a complete survey as stated above.

3. It is very important that such a survey should be made and that without any great delay, so that we may get an idea of the state of things before the harbour is constructed or before any great accumulation of sand or other changes have taken place, and then by continuing the survey during the progress of the construction of the harbour we may watch any changes that may occur. This is more desirable with regard to any question that may arise from the encroachment of the sea, on the line of beach on one side or other of the projected piers.

The necessity of such a survey is first of all spoken of in paragraph 71 of Mr. Parkes' report of 4th November 1873, and from his letter to the Superintendent, dated 7th April of this year, it appears that in 1874 the Madras Government applied for Mr. Humby, a Marine Surveyor at Kurrachee, but he was not to be spared from that port. He continues: "It was then settled between A. D. Taylor and myself that he would send a man on an application being made by Government, and I hope you will make an urgent application without further delay." I have accordingly done so.

No. 139. ORDER THEREON, 8th June 1876, No. 1,428.

CIVIL WORKS, No. 22.

ORDERED that the Government of India be applied to for the services of an Assistant attached to the Coast Survey for the work referred to.

(Here enter No. 1,429, dated 8th June 1876.)
(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the Superintendent, Harbour Works.
Exd. S. T. Austin.
Spare Copies

No. 140.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 8th June 1876.

No. 1,429.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,

Secretary to the Government of Madras,

Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,

Public Works Department.

CIVIL WORKS, No. 23.

SIR,—In paragraph 71 of his report of the 4th November 1873 Mr. Parkes pointed out the necessity for making a new and detailed survey of the Madras roadstead in connection with the Harbour Works. The desirability of this was again brought to notice by the Acting Master Attendant in his letter recorded with G.O., No. 1,432-E., dated 30th May 1874, and the Government of Bombay were applied to for the services of Mr. Sub-Engineer Humby of the Kurrachee Harbour Works; but it was stated in reply that the Bombay Government were unable to spare the Sub-Engineer's services. Since then preliminary arrangements have been put in hand by the Superintendent of the Harbour Works; but, unaided, he is unable to continue them. I am accordingly directed to apply for the services of an Assistant attached to the Coast Survey. Captain A. D. Taylor having expressed to Mr. Parkes his readiness to send a man on application being made, there will probably be no difficulty in arranging for his immediate departure for Madras. I am to add that it is of the utmost importance that the work should be started without delay.

I have the honor to be,

Sir,

Your most obedient servant,

Colonel,

Offg. Under Secy. to Govt., P.W.D.,
for Secretary to Government.

Exd. S. T. Austin.

Spare Copies

FROM

THE SUPERINTENDENT

MADRAS HARBOR WORKS,

TO

The Secretary to Government
Public Works Department
Fort St. George
MADRAS, 30th May, 1876.

Sir
Mr. Parkes, the Consulting Engineer, in London of these works, has constantly been writing to request that an accurate Marine Survey should be made of the Line of Coast of the Sea Bottom, and of the Tides and Currents in the neighbourhood of the Proposed Madras Harbour.

2. At the commencement of this year, I accordingly began preparations for this survey by making a careful Plan of the coast North of Royapuram to a scale of 100 feet to an inch inserting at certain intervals granite stone posts as marks from which sections were to be taken at right angles to the shore shewing the bottom of the sea and the inclination with which it deepens into the Bay of Bengal. I

have directed some of these sections to be partly taken and intend to submit them with some remarks thereon with my Report of the Progress of the works for the month of May: but being single handed I can now hardly continue even this preliminary survey. I have therefore the honour to make an urgent application that Government apply to Captain A. G. Taylor of the Coast Survey that he send an Assistant from his staff in order to carry out a complete survey as stated above.

3. It is very important that such a survey should be made and that without any great delay, so that we may get an idea of the state of things before the Harbour is constructed, or before any great accumulation of sand or other changes have taken place, and then by continuing the survey during the progress of the construction.

1901 W.D.
 of the Harbour, ¹⁰¹ may be ¹⁰² changed
 that may occur. This is more desirable
 to the more arise.

that may arise
with regard to any question that may arise
from the ~~inter~~roadment of the sea, on the
Line of Beach on one side or other of the
projected Piers. -
The necessity of such a survey is first

The necessity of such a survey is first
of all spoken of in para 71 of Mr. Parker
Report of 4th November 1873, and from his
Letter to the Superintendent dated 7th April
1874, it appears that in 1874, the

Madras Government applied for Mr. Humby,
Inspector at Kurrachee, but he
was not to be spared from that post. He
It was then settled between
Mr. Taylor and myself that he would
on an application being made
by Government, and "I hope you will
make an urgent application without
further delay." - I have accordingly done

Ac. -

I have the honour to be,
Sir,

Your most obedient Servant,
 Nathl B Beardmore
 1869 Superintendent

20th Dec/73 No. 2925
30th May/74 "14322+14327"
19th Aug - "2307"

P.W. 1896 Deph
No. 3924

From

The Supt. H.
Harbour Mstr.

Dated 20th May 1896.
Recd 1st June 1896.
No. 20 W.

Requesting that a Com-
petent person may be
appointed to undertake
the survey of the inner
roads of coast of the sea
bottom, and of the
tides and currents
in the neighbourhood
of the Madras Harbour.

No. 138

ac. 6/6/76 Pto 2/2/76
Despatched 6-76.

No. 1428

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 8th June 76

Read the following:—

From

The Supt. Madras Harbour
Works } H.E. No. 20 W of 30th May 1896
Print

Ordered that the
Government of India be
applied to for the services
of an Assistant attached
to the Coast Survey for the
work referred to.

This survey was carried
out by the Supt. Harbour
Works. It has been found
to work -

H.E. No. 429 of 8th June 76

No. 1429.

To The Secy to the Govt. of India

Sir,

In para 71 of his report
of the 4th November 1893
Mr. Parkes pointed out
the

Supt. Harbour Works.

Dated 20/6/96

the necessity for making
a new and detailed survey
of the Madras Roadstead
in connection with the Harbour
Works. The desirability for
this was again brought to
notice by the Acting Master
Attendant in his letter
recorded with G.O. No. 1432 E.
dated 30th May 1874, and
the Government of Bombay
were applied to for the
services of Mr. Sub Engineer
Humbly of the Kurrachee
Harbour Works, but it was
stated in reply that the
Bombay Govt. were unable
to spare the Sub Engineer's
services. Since then pre-
liminary arrangements have
been put in hand by the
Superintendent of the Harbour
Works

Works; but, unaided, he is
unable to continue them.
I am accordingly directed
to apply for the services
of an Assistant attached
to the Coast Survey. Captain
A. D. Taylor having
expressed to Mr. Parker
his readiness to send a
man on application being
made, there will probably
be no difficulty in ar-
ranging for his immediate
departure for Madras.
I am to add that it is
of the utmost importance
that the work should be
started without delay.

Copy 15

was despatched to the Govt of India
with two copies of G.O. No. 1428 of
8th June 76 & printed copy of

G.O. No. 1432 E. of 20 May 74 - 8/6/76 ✓ Desd 20/6/76

Exd

10/10/10

10/10/10

+ has depth to foot of
with a small area
in the 8th range

3924/CH

Govt. of Madras

PUBLIC WORKS.

To

The Supt. of Madras Harbour
Works

NC

Intd

Recd

Recd

Recd

G. O. 8th June 1870, No. 1428

1429

Nos. 135/20

Entd in R. O.
20-6-1870

Applying for the
services of an As-
sistant attached
to the Coast Survey to
undertake the survey
of the Madras Roadstead
in connection with
the Madras Harbour
Works -

Survey of the Madras
Roadstead Applying
to the Govt. of India for
the services of an Assistant
attached to the Coast
Survey to undertake the
— in connection
with the Madras
Harbour Works -