

(1) Number of pages -----

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MADRAS RECORD OFFICE

Government of Madras

Public Relations DEPARTMENT

G.O. No.	2905	Press
B.P.--No.		Mis...
Dated	30-10-	1876-195-

Not to be folded or roughly handled

No. 458. Read the following letter from F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 14th October 1876, No. 79 W:—

In obedience to the G.O., No. 2,541, dated 22nd September, I have the honor to enclose five drawings showing the state of the Madras Harbour Works and the adjoining beach at the end of the month of September.

2. I have numbered the Plans 1 to 5 in order that I may be able to make the following references to them more clear:—No. 1 is a plan of the block ground and surf bank as it stood at the end of September, the portion of the surf bank shown in dotted red lines has been added this month, and has since been partly spread out by the sea and shortened.

3. The cross sections, whose positions are shown by the red lines, are seen on Plan No. 3, whereon are shown the alterations in the shape of the bank since the previous month.

4. I would humbly submit that owing to the constant broken water round the surf bank, and at its end, it becomes not only a matter of difficulty, but generally an impossibility to take any soundings to ascertain the shape of the surf bank below the water level. Whenever there appears to be a chance of getting any observations, boats and tackle are got ready, but it is very seldom that a boat can approach the end of the bank even on what may be considered a calm day.

5. The enclosed Plans, numbered 2, 4 and 5, are to show the records that are kept from time to time of the changes in the beach in the neighbourhood of the Harbour. The Plan No. 2 shows the position of the section lines, and the sections themselves are shown in Plans Nos. 4 and 5.

6. In addition to these drawings a large chart, now half finished, is being prepared by Lieutenant Jarrad, R.N., showing the soundings out to the 10-fathom line, and also showing the changes in the line of sand on the beach.

7. I would further submit that although from the constant breaking of the waves on the surf bank it is almost impossible to get accurate soundings except on rare occasions, yet the observations that are taken constantly would quickly show any serious alteration in the form of the surf bank and of the adjacent beach.

No. 459. ORDER THEREON, 30th October 1876, No. 2,905.

CIVIL WORKS, No. 29.

ORDERED to be recorded.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,

Secretary to Government.

Ed S. T. Austin.

Esq. Copies

month.

No. 79/11.

From

THE SUPERINTENDENT,

MADRAS HARBOUR WORKS.

The Secretary to Government,

Public Works Department,

Fort St George,

Madras, 11th October 1876.

SIR,

In obedience to the G. O. No. 2541, dated 22nd September, I have the honour to enclose five drawings showing the state of the Madras Harbour Works and the adjoining beach at the end of the month of September:-

1. I have numbered the plans 1 to 5 in order that I may be able to make the following references to them more clearly. No. 1 is a plan of the Black Ground and Surf bank as it stood at the end of September - the portion of the Surf bank shown in dotted red lines has been added this month and has since been partly spread out by the sea and shortened.

2. The cross sections whose positions are shown by the red lines are seen on plan No. 3 wherein are shown the alterations in the shape of the bank since the previous month:-

1. I would humbly submit that owing to the constant broken water round the surf bank and at its end, it becomes not only a matter of difficulty, but generally an impossibility to take any soundings to ascertain the shape of the surf bank below the water level. When even there appears to be a chance of getting any soundings, boats and buoys are yet ready, but it is very seldom that a boat can approach the end of the bank even on what may be considered a calm day.

2. The enclosed plans numbered 2, 3, 4, 5, are to show the records that are kept from time to time of the changes in the beach in the neighbourhood of the Harbour. The plan No 2 shows the position of the section lines and the sections themselves are shown in plans Nos 3, 4 and 5.

3. In addition to these drawings a large Chart now half finished is being prepared by Lieutenant Garrard R.N. showing the soundings out to the 10 fathom line and also showing the changes in the line of sand on the beach.

4. I would further submit that although

from the constant breaking of the waves on the surf bank it is almost impossible to get accurate soundings except on rare occasions, yet the observations that are taken constantly would quickly show any serious alteration in the form of the surf bank and of the adjacent beach.

I have the honour to be,
Sir,
Your most obedient servant,
J. H. HARRISON.
Superintendent
Madras Harbour Works.

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Govt. of 1876 Calcutta.

PUBLIC WORKS.

From P.W.D.
The Superintendent
Calcutta Harbour Works

To The Secretary Government
Public Works Department
Fort St George

(Dated 14th October 1876
Recd 16)

1876

Madam Harbour Officer
Letter of the 10th inst
has been received
from the Harbour Officer
and copy of same
is enclosed for your
reference.

Enclosed drawings show-
ing state of the Harbour, North
and South, at the end of the
month of September 1876.
No 2005 2006 2007
Recorded

19.10.76

11-10-76