

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works. DEPARTMENT.

G.O. No. 3280.	Press
683-684.	~~Mis.~~
Dated 29 . 7 .	18 67.

Not to be folded or roughly handled

by
8

*Proceedings of the Madras Government, Public Works Department,
29th July 1867.*

No. 683. Read the following letter from the Superintendent of Marine, to the Secretary to Government, Public Works Department, dated Madras, 18th July 1867, No. 2,528 :—

1. I have the honor to inform you that, in accordance with the instructions conveyed in the Proceedings of Government of the 16th April last, No. 23, the Superintending Engineer of the 8th Division has furnished me with copy of the last soundings taken in the Paumben reef channel, which are, however, too imperfect to show the present state of the passage.

2. The depths in the centre of the channel were taken as far back as 1859, and those over the rocky angle in April last. Some progress appears to have been made in the removal of this impediment to the navigation, but there is in the plan, which is herewith forwarded for your inspection (to be returned), a break of 50 feet between the centre channel and the edge of the angle, without any soundings set down, and if the excavations have been made where the last soundings are shewn, without at the same time deepening the 50 feet alluded to, the work accomplished cannot as yet have improved the navigation.

3. The Government in Proceedings of the 12th June 1860, No. 215, sanctioned an estimate for cutting away this angle at a total cost of Rupees 15,080; the work to be completed in two years. Subsequently, in Proceedings of the 5th September 1862, No. 2,126, a revised estimate of Rupees 43,340 was sanctioned; the former one having been prepared on erroneous data.

4. I would solicit information as to whether the sanctioned amount has been expended, and whether there is any intention of continuing the operation of blasting, with a view to the removal of the angle.

5. The Superintending Engineer of the Division states, that owing to the rapidity of the currents it has been impracticable to take trustworthy soundings of late, but that he hopes to have soundings of the whole channel taken at the next calm season. It is of course of much importance that these soundings should be carefully made; not only as a guide for vessels using the channels, but to show where silting has taken place. They ought also not to be confined to the mere centre of the channels, but should be taken over the full breadth of 200 feet, and I think no pains should be spared in furnishing a correct delineation of them.

No. 684. ORDER THEREON, 29th July 1867, No. 2,280.

CIVIL WORKS, No. 97.

1. Communicated to the Superintending Engineer of the 8th Division, who will be guided by the suggestions

made in this letter when soundings of the Paumben reef channel are taken at the next calm season.

2. Captain Prendergast is requested to furnish the information applied for in paragraph 4, and he will report what progress has been made with the work up to the present time, and what arrangements he has adopted with reference to G. O. of the 15th September 1866, No. 2,957, for pushing on its completion.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 8th Division.
" Marine Department.
" Superintendent of Marine, with one Plan
Etd. S. T. Augustin.

From

The Superintendent of Marine

To

The Secretary to Government
Public Works Department
Fort Saint George

Sir

I have the honor to inform you
that in accordance with the instructions
conveyed in the Proceedings of Government
of the 16th April last. N^o 23 the Superin-
tending Engineer of the 8th Division has
furnished me with copy of the last soundings
taken in the Pamban reef channel, which
are, however too imperfect to show the
present state of the passage.

2 The depths in the centre of the
channel were taken as far back as 1859,
and these over the rocky angle in April
last. Some progress appears to have been
made in the removal of this impediment
to the navigation, but there is in the
plan which is herewith forwarded for
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the edge of the angle without any soundings set down, and if the excavations have been made where the last soundings are shown without at the same time deepening the 50 feet alluded to, the work accomplished cannot as yet have improved the navigation.

3 The Government in Proceedings of the 12th June 1860, No. 215, sanctioned an estimate for cutting away this angle at a total cost of Rupees 15,080. The work to be completed in two years. Subsequently in Proceedings of the 5th September 1862, No. 2126, a revised estimate of Rupees 14,340 was sanctioned; the former one having been prepared on erroneous data.

4 I would solicit information as to whether the sanctioned amount has been expended, and whether there is any intention of continuing the operation of blasting with a view to the removal of the angle.

5 The Superintending Engineer of the Division states that owing to the rapidity of the currents it has been impracticable to take trustworthy soundings of late, but that he hopes to have soundings of the whole channel taken at the next calm season. It is of course of much importance that these soundings should be carefully made, not only as a guide for vessels using the channels, but to show where silt has taken place. They ought also not to be confined to the mere centre of the channels, but should be taken over the full breadth of 200 feet, and I think no pains should be spared in furnishing a correct delineation of them.

I have the honor to be

Madras
Marine Survey Office
18th July 1867

Sir

Your most Obedt. Servant

Mr. Haude
Superintendent of Marine

Public Works Department
No. 2280

Proceedings of the Madras Government
Under date the 29th July 1867
And the following

From The Superintendent of
Marine (H. C. No. 2528 of 18th July 1867)

Communicated to the Superintending Engineer of the S. D., who will be guided by the suggestions made in this letter when soundings of the Cannabin Reef Channel are taken at the next calm season.

Capt. Pranderghast is requested to furnish the information applied for in para 1, and he will report what progress has been made with the work up to the present time, and what arrangements he has adopted with reference to 4th of the 15th Sept 1867.

Wm

No. 15 of June 1867
H. C. No. 2528 of 18th July 1867

Received by the Superintendent of Marine
H. C. No. 2528 of 18th July 1867

The Superintendent of Marine
will be guided by the suggestions made in this letter when soundings of the Cannabin Reef Channel are taken at the next calm season.

Received by the Superintendent of Marine
H. C. No. 2528 of 18th July 1867

The Superintendent of Marine
will be guided by the suggestions made in this letter when soundings of the Cannabin Reef Channel are taken at the next calm season.

No. 2280-29th July 1867

No. 680

No. 2280-29th July 1867

to 2907, for finishing and its
Completion.

P. W. 186 . Department.

No.

PROCEEDINGS OF GOVERNMENT.

[Handwritten signature]

Dated

[Handwritten mark]

To
The S. Engr & Dr
1st Marine Dept
Supt of Marine works on plan 1st

c. 240 July 1867. P. 253

Aug 5/7/67

Pub. Works 1867 Depart.

Pro. of Govt. for Ind. by

No. 2280

Pro. of the Madras Govt.

Of 29th July 1867

Communicating with
instructions to the Supg.
Engg. of the 8th Division
the letter from the Superint.
of Marine relative to the
soundings of the Pamban
Reef Channel.

No. 683-684

683-684