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# MADRAS RECORD OFFICE.

Government of Madras.

*Public Works* DEPARTMENT.

G.O. No. 1203 (W) Press  
Mis.

Dated 7-4-1877.

Not to be folded or roughly handled

No. 198. Read the following letter from F. N. THOROWGOOD, Esq., C.E., Superintendent, Madras Harbour Works, to the Acting Joint Secretary to Government, Public Works Department, Buildings and Roads Branch, dated Madras, 22nd March 1877, No. 113.W:—

I HAVE the honor to acknowledge the receipt of your memorandum, No. 773, dated 21st instant, which shall have my prompt attention.

2. I feel it my duty, however, to point out the following matters which deserve consideration:—

I.—The Engineer in Chief, Mr. Parkes, has only allowed me one skilled diver out from Europe; consequently I have to keep him more closely at work than should be done in this climate. All other divers I have to pick up here and educate to the work.

II.—I have at present only one diving boat, from which two divers work at a time preparing the foundation of the pier.

III.—The most important part of the work at present is preparing foundation at a sufficiently quick rate, which work can only be done by the divers.

3. These things being so, I have only to state that each examination of any crates that are put down, or each putting down of a fresh crate, will necessarily involve taking the whole diving crew away from their proper and more important work of levelling the base, for the greater part of a day during which time the preparing foundation for constructing the pier will be at a stand still.

4. The value of the experiments with the crates runs the chance of being reduced to nothing through the probability of the crates being capsized by ships' cables, as is the case with two now put down, an account on which will be given in my progress report for this month. At the same time I need hardly say that every hour of smooth weather is of the utmost importance towards carrying out the construction of the north pier.

No. 199. ORDER THEREON, 7th April 1877, No. 1,203.

CIVIL WORKS, No. 16.

THE Government consider that the use of the diving boat and of the European diver once a month, for the purpose of carrying out the investigations directed in G.O., No. 3,490, dated 19th December 1876, by which the real state of the sea and the probabilities of the sand gathering can be to some extent accurately determined, is most necessary, and cannot interfere seriously with the prosecution of the foundation work.

2. It is to be hoped that before long the Native divers will be so far trained as to supplement the European diver in the last mentioned duties.

(True Extract.)

Colonel, R.E.,  
Secretary to Government, P.W.D.

To the Superintendent, Madras Harbour Works.

„ Marine Department.

Exd. E. C. Shunker.

Spare Copies

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P. W. DEPARTMENT.

Read the following:—

Letter from the Superintendent Madras  
Harbour Works No. 113 W. d/22<sup>nd</sup> March 1877.

FOR ORDERS.

W. H. M. Colonel

Ag. Joint Secy. to Govt. P.W.D.  
Buildings & Roads Branch.

I find the importance  
of having the water  
of the sea & the fresh water  
of sand gathering again  
1 day a month of the  
water & clear - partly  
nature clear with  
behold to supply  
the Empire in the future  
under No. 113

FOR ORDERS.

3/10/77

No 1203

Public Works Department. 98

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

7 April 77

Read the following:—

From the Supt Madras Harbour Works.

(H. C. No 113 W. dated 22<sup>nd</sup> March 1877)

The Government consider that the use of the diving-boat and of the European <sup>diver</sup> once a month for the purpose of carrying out the investigations directed in Government Order No 3490 dated 19<sup>th</sup> Decr 1876, by which the real state of the sea, and the probabilities of the sand gathering, can be to some extent accurately determined, is most necessary, and cannot interfere ~~any~~ seriously ~~with~~ with the prosecution of the foundation work.

2. It is to be hoped that before long the native divers will be so far trained as to supplement the European diver in the last mentioned duties.

Supt. M. H. Works. ✓  
Marine Dept. ✓

L. J. Dated 16.4.77

27.3.77

L. J. 7 April 77 No 1203

*103108*

Govt. of 1877 Madras.  
PUBLIC WORKS.

To *The Supt. of Madras Harbour Works*

Dated

Issued

Recd.

Encl.

G. O., 7<sup>th</sup> April 1877, No 1203.

Nos. 198-199

Madras Harbour Works  
Issuing instructions for  
carrying out once a month  
the investigations directed  
for the purpose of ascertain-  
ing the movement of sand  
or action of currents at  
the —

*Sent to Mr. J. J.*