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Govt. of Tamil Nadu

Public Works Dept

Gr. No. 2127 W
dt. 9.8.1887

Luv

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ--the following letter from the Honorable R. W. BARLOW, C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 19th July 1887, No. 1874:--

I have the honor to forward herewith, for the information of Government, copy of a letter from the Acting Superintendent, Madras Harbour Works, No. 387, dated 5th July 1887, reporting upon the progress made on the Madras harbour works during the month of June 1887, with a plan in original (to be returned) attached.

ENCLOSURE.

From A. LEE POOSON, Esq., Acting Superintendent, Madras Harbour Works, to the Chairman, Harbour Trust Board, dated 5th July 1887, No. 387.

I have the honor to submit a plan and report of the progress on these works during the month of June.

2. The work has been unavoidably slow on account of the persistent ground swell continually washing over the overturned walls at the south pier, and for only three days out of the thirty was it possible for a diver to remain below water.

3. Before proceeding, I must mention that Mr. Thorogood availed himself of the 31 months' leave from the afternoon of the 26th of June, embarking on the S.S. *Diana* for England.

4. *Surveys*.--Several rough soundings were taken on the south pier rubble base, showing it to be fully made up to the required section, with the exception of at the pier head. Two of the necessary lines of soundings were made in connection with the survey called for in your letter, No. 605, dated 24th May 1887, but owing to the rough state of the sea further work was impossible.

5. *North pier works*.--At the north pier nothing has been done on account of the work being stopped pending the entrance question. Otherwise fair progress would have been possible at this corner of the harbour, where the sea was somewhat quieter. On the 7th June the wave-breaker crane was travelled out, which deposited 117 blocks of 30 tons each on the inner straight portion of the pier during the month. Two of these blocks were old ones recovered from the south pier.

6. *Block-making*.--From the 1st to the 26th June block-making was stopped by Mr. Thorogood on account of the irregular outturn of work. On the 27th block-making was resumed, and 30 superstructure blocks were made in the month, since which time nine blocks a-day have been made, and I believe the work will now go on without further interruption.

7. *South pier superstructure*.--On the 1st June the Titan crane was travelled out, and on the 2nd turned into its position for forward work, but it was not until the 10th when diving operations could be commenced, owing to the heavy seas washing over the ruined wall.

On the 11th and 13th the pier was advanced 12½ feet by recovering three old blocks lying on the base, and setting 20 blocks of the new design. Since then the sea has been too rough for a diver to attempt to go down.

8. *South pier rubble base*.--1,717½ tons of rubble was tipped by boats during the month, 1,028 tons of which was deposited as foreshore. Further work had to be stopped on account of the rough sea, and danger to the contractor's boats, two of which were wrecked in front of the Titan crane, depositing their cargoes on the foundation, which will cause some delay in being removed by divers when the pier reaches this point.

9. *Pallavaram quarries*.--The work at the Pallavaram quarries has been very slack during the whole month owing to there being no block-making and the sea too rough for stone tipping.

Only twelve trains ran during the month, delivering on the works a total of 2,497½ tons of stone, of which 1,702½ tons were rubble for the foundation and 795½ tons chips for block-making.

The waggons loaded with chips were again below weight, weighing only 5 tons 11 cwt. 1½ qrs.

10. *Stores from England.*—During June the S.S. *Reva* arrived with 640 tons of cement, viz., 3,584 casks shipped, 19 being short delivered.

11. *The "Pontoon."*—On the 15th June the buoy "Pontoon" for raising the overthrown blocks and the old Titan crane was completed and successfully launched. Since designing this pontoon, I have added to it two small steel claws which work in the lewis holes, making the pontoon a complete machine in itself for grappling the old blocks, removing and utilising them in the wave-breaker.

12. *Obituary.*—On the evening of the 27th, Mr. D'Vaz, second watchman, died suddenly, in the watchman's shed, from causes unknown, and early next morning the police took charge of the corpse.

Transferred to the Public Works Department.

(By Order.)

OCTACRMUND,
25th July 1887.

(Signed) W. S. MEYER,
Acting Assistant Secretary.

ORDER—dated 9th August 1887, No. 2127 W., Public Works.

Recorded.

(True Extract.)

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

To the Chairman, Marine Harbour Trust Board, with one plan.
" Marine Department.
" Consulting Engineer for Railways.
" Newspapers.

Frd. J. Moses.
Spare Copies

2127
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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras.
PUBLIC WORKS.

Dated August, 9th.

Recd.

Encl.

G.O., 9th Aug. 1887, No. 2127 W.

AUGUST.

Madras Harbour Works

Report of progress made on the — during
June 1887, recorded.

4TH JULY 1887, No. 1778 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from the Honorable R. W. BARLOW, C.S., Chairman,
Harbour Trust Board, Madras, to the Chief Secretary to Government,
Marine Department, dated Madras, 16th June 1887, No. 1214:—

I have the honor to forward herewith, for the information of Government, copy
of a letter from the Superintendent, Madras Harbour Works, No. 272, dated 9th June
1887, reporting upon the progress made on the Madras Harbour Works during the
month of May 1887.

ENCLOSURE.

From F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to the Chairman,
Harbour Trust Board, dated Madras, 9th June 1887, No. 272.

I have the honor to submit the following very brief report of work done during the past
month of May. It is always the custom to withdraw the cranes throughout May on account of
liability to cyclones at very short notice, thus stopping constructive work.

2. *North Pier Works.*—At the north pier no rubble was deposited from boats, partly on
account of persistent ground swell and partly because the work is in abeyance for the present.

3. Work was, however, carried on along the inner straight portion of the north pier by
depositing 30-ton blocks in the wave-breaker where required. The crane for this work was
withdrawn every evening in case of bad weather. There were 151 blocks thus deposited in May,
and, with a few exceptional vacancies, this wave-breaker may be considered as complete.

4. *South Pier Works.*—At the south pier there were 1,478 tons of stone deposited in the
foundation, but the swell was so persistent throughout the month, it was impossible to do any
more, indeed it was hardly safe to work at all.

5. *Concrete Blocking.*—I have had occasion to report separately on the subject of block-
making and the irregular way in which it has been carried on. Since June 1st I have stopped
Mr. R. W. Thompson's working pending decision of the Board. There were 71 blocks made
during May, and repairs to machinery caused delay of some days, yet I must again report that
I have never had this branch of the work done in so very unsatisfactory a way before, and so far
as I could do so I have given the contractor every help.

6. *Pallavaram Quarries.*—The work at Pallavaram quarries has necessarily been rather
slack, as very little stone has been required during May; only sixteen trains ran during the
month, bringing down a total of 3,173 tons of stone, of which 1,479 were rubble for the founda-
tions and 1,694 chips for block-making. The average weight of stone in each wagon was 5 tons
14 cwt.

7. *Portland Cement.*—We have now sufficient cement to make from 90 to 100 blocks, and
when that number is complete, work must stop; but it is to be hoped that some of the consign-
ment indented for in February last will have arrived shortly and put an end to the difficulty.

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2 4TH JULY 1887, No. 1773 W., Public Works.

Transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
28th June 1887.

(Signed) W. S. MEYER,
Ag. Assistant Secretary.

ORDER--dated 16th July 1887, No. 1773 W., Public Works.

Recorded.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chairman, Madras Harbour Trust Board.
" Marine Department.
" Consulting Engineer for Railways.
" Newspapers.

Encl. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

G.O. of 1887 Madras.
PUBLIC WORKS.

Dated July, 4th.

Recd.

Encl.

G.O., 4th July 1887, No. 1778 W.

JULY.

Madras Harbour Works

Report of progress made on the — during
May 1887, recorded.

Harbour Trust Board Office,

MADRAS, 19 July 1887

No. 1879

2122
21/5

From

The Hon. B. W. Barber, C.S.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

To

The Hon. H. E. Stokes, C.S.

AG CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Coincided

Sir

I have the honor to forward
herewith for the information of Govern-
ment, copy of a letter from the
acting Superintendent Madras
Harbour Works, No. 387 dated 5th
July 1887, reporting upon the progress
made on the Madras Harbour
works during the month of June
1887, with a plan in original (to be
returned) attached.

I have the honour to be
Sir
Your most obedt. servant

P. C. C.
Mr. J. J. C. C.
Chairman
Harbour Trust Board

N^o 387
From
The Superintendent
Madras Harbour Works

To
The Chairman
Harbour Trust Board.
Madras.

Madras 5 July 1887

Sir,
I have the honour to submit
a plan and report of the progress
on these works during the month of
June.

2. The work has been unavoidably
slow on account of the persistent
ground swell continually washing
on the overturned walls at the South
Pier and for only three days out of
the thirty was it possible for a diver
to remain below water.

3. Before proceeding I must mention that Mr Shorngood awarded himself of the 8th month the leave from the afternoon of the 28th of June embarking on the S.S. "Thames" for England.

4. Several rough soundings Surveys were taken on the South Pier. But the Base, showing it to be fully made up to the required section, with the exception of at the Pier head. Two of the necessary lines of soundings were made in connection with the Survey. Called for in your letter No 605 dated 9 May 1887 but owing to the rough state of the sea further work was impossible.

5. At the North Pier nothing North Pier has been done, on account of the Works work being stopped pending the entrance question. Otherwise fair progress.

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Progress would have been possible at this corner of the Harbour, where the sea was somewhat quieter. On the 14th June the wave breaker crane was hauled out, which deposited 14 blocks of 3 tons each on the inner straight portion of the Pier during the month two of these blocks were old ones recovered from the South Pier.

Discontinuing From the 18th to the 26th June block making was stopped by Mr Shorngood on account of the irregularity of work. On the 27th block making was resumed, and so superstructure blocks were made in the month, since which time 9 blocks a day have been made and I believe the work will now go on without further interruption.

7 On the 1st June the Titan South Pier
Crane was travelled out and Superstructure
on the 2nd turned into its position
for forward work. but it was not
until the 10th when chiving operations
could be commenced, owing
to the heavy seas washing over
the ruined wall.

On the 11th and 13th the Pier
was advanced 12½ feet by ream-
ing three old blocks lying on
the base, and setting 20 blocks of
the new design. Since then the
sea has been too rough for a
diver to attempt to go down.

8. 1717½ tons of Rubble was South Pier
tipped by boats during the Rubble Road
month, 1028 tons of which was
deposited as foreshore. Further
work had to be stopped on account
of the rough sea, and danger
to the contractor's boats. Two of
which

^{227/8} 3/4
which were wrecked in front of
the Titan crane, depositing their
cargoes on the foundation, which
will cause some delay in being
removed by chivers when the Pier
reaches this point.

Pallaveram 9. The work at the Pallaveram

Quarries Quarries has been very slack
during the whole month owing to
there being no blockmaking, and
the sea too rough for stone tipping.
Only 12 trains ran during the month
delivering on the works a total of
2497 ¾ tons of stone of which 1702½
tons were rubble for the foundation
and 795½ tons chips for block-
making.

The waggons loaded with
chips were again below weight -
weighing only 5. 11. 1½
tons wt. grs.

10. During June the S.S. Stores from
Rena' arrived with 500 tons of England
Cement 112 3584 casks shipped
19 being short delivered.

11. On the 15 June the 'Bury The Ponton
Ponton' for raising the overthrown
blocks and the old Tolan crane
was completed and successfully
launched. Since designing this
Ponton I have added to it two
small steel claws which work
in the lewis holes, making the
pontoon a complete machine
in itself for grappling the old
blocks, removing and utilising
them in the wave-bunker.

12. On the evening of the 27. Obituary
Mr. D. Vay Second watchman
died suddenly, in the watch-
man's shed, from causes unknown,
and early next morning the
Police

^{2127/a}
Police took charge of the corpse.

I have the honour to be
Sir

Your most obedt servant

(Signed) A. Lee Rogers

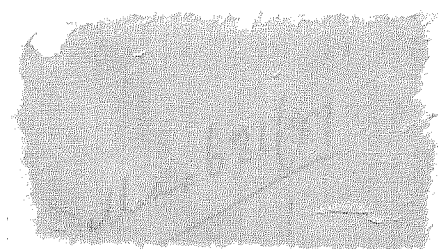
A. G. Superintendent
Madras Harbour Works

(True copy)

C. P. Prinsent

Secretary
Harbour Trust Board

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MARINE DEPARTMENT.

FROM

THE CHAIRMAN,

HARBOUR TRUST BOARD.

MADRAS.

TO

THE CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

DATED

RECEIVED

ENCLOSURE

No. 1876

SUBJECT.

Submitting for the
information of
Government Report
of Progress made
on the Madras Harbour
Works during the
month of June 1887

21/27
11

90. 10/20/87

26th July 1887

Transferred to the Public
Works Department.

1/10/87
W. M. S. S. S.
Asst. Secretary.

3 H. H. H.
C. W. W.
No. 21276 dated 7th August 1887

Recorded

10/18

Chairman H. H. T. S. S. S.
Marine Dept.
Comm. and Public
Works Dept.

With order

6765

COM. 111887

PUBLIC WORKS

4/13/11

of the day 1887 W.

Madras Harbour Works

Report of progress
made on the — during
June 1887, recorded.

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100
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