

- (1) பக்கங்களின் எண்ணிக்கை 22.
(2) புதுக்கித் திருப்பிய நாள் 16.5.88
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 649

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. W. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	700 W	அச்சகம் பலவகை
நாள் : 29.2.1888.		1988

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

700
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from R. W. BARLOW, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 13th February 1888, No. 6564:—

I have the honor to submit herewith, for the information of Government, copy of a letter No. 1364, dated 8th instant, from the Superintendent, Madras Harbour Works, reporting upon progress made during the month of January 1888, with a plan (in original, to be returned).

2. Referring to the Board's Resolution on paragraph 3 thereof, copy of which is also enclosed, and to G.O., No. 476 W., dated 10th February 1888, I have to inform you that I have addressed the Chairman of the Calcutta Port Commissioners and the Chairman of the Bombay Port Trust, in the hope that I may be able to procure a supply of cement from them to prevent stoppage of block-making, pending the arrival of that indented for from Home.

ENCLOSURES.

From F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to the Chairman, Harbour Trust Board, dated Madras, 8th February 1888, No. 1364.

I have the honor to submit herewith a plan showing the state of the Madras Harbour at the end of January last, with a report of the progress during the month.

2. *North Pier works.*—At the north pier of the Harbour the only work that has been done is to make up several low places in the screen of wave-breaker blocks, and for this purpose 27 blocks of 30 tons each were deposited at different places along the wall. More blocks will yet be required for this work, but at present none can be spared as all will be required for protecting the new work built at the south pier. The wave-breaker crane was withdrawn on 21st January. No work whatever has been done at the superstructure of the north pier.

3. *Concrete block-making.*—On the 5th January block-making was resumed under a new contractor. For the short time that I could keep him at work he did his work more satisfactorily, having a very strong staff of able-bodied coolies and maistries. On the 13th and 14th the Pongal festival stopped nearly all work, and on the 28th I had to order a cessation of block-making on account of want of cement, notwithstanding the purchase of 354 barrels locally. Consequently the contractor was only able to work for 19 days in January, during which time he turned out 200 blocks representing 3,405 cubic yards of concrete. The greatest amount turned out in a whole month of 26 working days by the former contractor was 3,930 cubic yards.

4. From 28th January the work of block-making has been stopped for want of cement, and unless a large quantity, say 1,200 tons, is received this month, we shall soon be feeling the disastrous effects of this stoppage, as I have every hope that I can dispose of 300 blocks during the current month, and possibly a still greater number during March, which demand on the stock of blocks will make it necessary either to stop work altogether or to use the blocks already made in 1886-87 for the north pier, all of which will need altering in shape before they can be used at the south pier.

5. *Pallacaram quarries.*—From the quarries there were received in January 3,857 tons of granite chips for block-making, but no stone for rubble base was required.

6. The lines are maintained in good order and repair, and were twice inspected by me during January.

I have reported separately on a serious derailment of three wagons during the month, and of an evident attempt at a repetition of the accident. Since my report of these mishaps the contractor has increased his staff of watchmen, and up to this date nothing of the kind has occurred again.

7. *South Pier works.*—At the south pier of the Harbour the building in of the crane roads was completed by 4th January, and on the 5th the titan crane deposited 54 wave-breaker blocks over the south side of the pier, joining the new work with the old ruined foundations. The crane was then turned round through 90 degrees, and on the 17th January commenced work at

the superstructure. From the 17th to the 31st January 108 blocks were satisfactorily set advancing the wall by a length of 67 feet in 13 working days. This rate of advance is still maintained, and the curved work will probably be completed before the end of the current month.

8. The rubble foundation of the south pier is well made up for some distance a-head, but occasionally hollow places are found and these have to be filled up with stone thrown in to the divers who prepare the beds for bottom courses.

For this purpose about 80 tons of stone were used in January taken from a reserve stock kept for the purpose.

9. *General work connected with Harbour.*—The water-supply pipe which runs along beneath the planking of the iron pier has been taken to pieces and is now fitted up again. It was completely choked up throughout its whole length with foul black slime and mud. The water has not been turned on again as yet because the main stop cock has to be renewed.

10. Two new 8-ton trucks have been built for the iron pier and two more thoroughly repaired. A turn-table is in course of construction which, when fitted up, will bring another line into use in connection with the new export goods platform. The roof of this platform is in hand and will shortly be erected. A small building in the Custom-house yard has had its roof (which was reported as insecure) renewed. At one of the level-crossings over the Beach railway, I have put down a casuarina wood-paving set in cement as an experiment.

11. I regret to report that Mr. W. S. Boteler, General Foreman, was laid up by medical orders from 23rd January to 6th February, suffering from congestion of the lungs. He is now recovered and is quite fit for work.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras, at a Meeting held at the offices of the Board on Friday the 10th day of February 1888.

3. Read letter from the Superintendent, Madras Harbour Works, No. 1364, dated 8th February 1888, submitting his report of progress made during the month of January 1888, and examined plan attached.

Read minute by Captain H. A. Street, I.M.

Resolved that the Chairman be invited to deal with the question of cement.

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

Transferred to the Public Works Department.

(By Order.)

(Signed) W. S. MEYER,
Asst. Secretary to Government.

21st February 1888.

ORDER—dated 29th February 1888, No. 700 W., Public Works.

Recorded.

(True Extract.)

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

To the Chairman, Harbour Trust Board, with plan.

„ Marine Department.

„ Consulting Engineer for Railways.

Exd. J. Henricus.

Spare Copies

BUILDINGS AND BRIDGES.
CIVIL WORKS.

Govt. of Madras.
PUBLIC WORKS.

Dated February, 29th.

Recd.

Encl.

G.O., 29th Feb. 1888, No. 700 W.

FEBRUARY.

Madras Harbour Works

Progress report of the — for January
1888, recorded.

1364. 700 7 SP
Clerk. 28/2

Please see the at-
tached slip from D.W.
The usual practice was
to print the Progress
Reports, but in the
present instance, the
paper having been
wasted B had to be
copied in full.

Probably you com-
municated the order
to the C.E. for Railways
with refer to para 10
of the Sept's report.

RP
29/2/88

H.C.

The letter B instead
of A is an oversight.
It was never intended
that all this copying
should have been done.
A reference might have
been made before it
was put in hand.
The present report
is written in the
like the others.

how can the prepared as
all will be

28/5
Manuscript copy
were made by our right
The paper will be printed
as usual

Please also see the
accompanying slip -

29/4/88

700 W

Swan
WMS

No 1364. 10/1 2 EP
From The Superintendent
Madras Harbour Works.

To The Chairman
Harbour Trust Board
Madras.

Madras 8th February 1888.

Sir

I have the honor to submit
herewith a plan showing the
state of the Madras Harbour
at the end of January last,
with a report of the progress
during the month.

North Pier
Works.

2. At the North Pier of the
Harbour the only work that has
been done is to make up several
low places in the screen of
wave breaker blocks, and for
this purpose 27 blocks of 30 tons
each were deposited at different
places along the wall. More
blocks will yet be required
for this work, but at present
none can be spared as
all will be required for the
L.

procuring the new work but
at the South Pier. The wave breaker
frame was withdrawn on January
21st. No work whatever has
been done at the superstructure
of the North Pier.

3. On the 5th January block- concrete.
making was resumed under a Blockmaker
new Contractor. For the short
time that I could keep him
at work he did his work more
satisfactorily having a very strong
staff of able bodied coolies and
maistries. On the 13th and 14th
the Pongal Festival stopped nearly
all work, and on the 28th I had
to order a cessation of blockmaking
on account of want of cement. Not-
withstanding the purchase of
354 barrels locally. Consequently the
Contractor was only able to work
for 19 days in January during which
time he turned out 200 blocks re-
presenting 3405 Cubic yards of
Concrete. The greatest amount
turned out in a whole month
of working. I saw the Contractor

Contractor was 3930 Cubic yds 28P
4. From January 28th the work
of blockmaking has been stopped
for want of cement, and unless
a large quantity say (1200 tons) is
received this month we shall
soon be feeling the disastrous
effects of this stoppage, as I have
every hope that I can dispose of
300 blocks during the current
month, and possibly a still greater
number during March, which
demand on the stock of blocks
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work altogether or to use the blocks
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overam
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received in January 3857 tons of
granite chips for blockmaking,
but no stone for rubble base was
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in good order and repair and
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during January.

reported separately as a serious de-railment of three wagons during the month, and of an evident attempt at a repetition of the accident. Since my report of these mishaps the Contractor has increased his staff of watchmen and up to this date nothing of the kind has occurred again.

7. At the South Pier of the South Pier Works. Harbour the building in of the Crane roads was completed by January 4th and on the 6th the Titan Crane deposited 54 Wave-breaker blocks over the South side of the Pier, joining the new work with the old ruined foundations. The crane was then turned round through 90 degrees and on the 17th January commenced work at the superstructure. From the 17th to the 31st January 108 blocks were satisfactorily set advancing the wall by a length of 67 feet in 13 working days. This rate of advance is still maintained,

and the curved work will probably be completed before the end of the current month. 70/1

8. The rubble foundation of the South Pier is well made up for some distance a head, but occasionally hollow places are found and these have to be filled up with stone thrown in to the divers who prepare the beds for bottom courses.

For this purpose about 80 tons of stone were used in January taken from a reserve stock kept for the purpose.

General 9. The water supply pipe which runs along beneath the plank-work connected with Harbouring of the Iron Pier has been taken to pieces and is now fitted up again. It was completely choked up throughout its whole length with foul block slime and mud. The water has not been turned on again as yet because the main stop cock has to be renewed.

EXTRACT of Proceedings of the TRUSTEES of the HARBOUR

of MADRAS, at a Meeting held at the Offices of the

Board on Friday the 10th day

of February 1888.

X X X

3. Read letter from the Superintendent Madras Harbour Works No. 1364 dated 8th February 1888, submitting his report of progress made during the month of January 1888, and examined plans attached

Read minute by Captain W.A. Street J.M.

Resolved that the Chairman be invited to deal with the question of cement.

X X X

/ True Extract /

C. Prissut

Secretary
Harbour Trust Board

9. Two new 8 ton trucks have been built for the Iron Pier and two more thoroughly repaired. A turn table is in course of construction, which when fitted up, will bring another line into use in connection with the new export goods platform. The roof of this platform is in hand and will shortly be erected. A small building in the Custom House yard has had its roof which was reported as insecure renewed - At one of the level crossings over the Beach railway, I have put down a casurina wood paving set in cement as an experiment.

11. I regret to report that Mr. W.L. Boteler, General Foreman was laid up by medical orders from January 23rd to February 6th suffering from congestion of the lungs - He is now recovered and is quite fit for work.

I have the honor to be
Your most obedient servant
Signed H.K. Tharangood
Superintendent Madras Harbour Works
/ True Copy /

CURRENT NO. 106

70/9 1P

Harbour Trust Board Office,
MADRAS, 13th February 1888.

No. 6564

FROM

A. W. Barlow Esquire C.S.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

TO

The Honorable Mr. H. E. Stokes C.S.

CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Fort Saint George.

Sir

I have the honor to submit herewith for the information of Government Copy of a letter No. 1364 dated 8th instant, from the Superintendent Madras Harbour Works, reporting upon progress made during the month of January 1888, with a plan (in original to be returned).

2. Referring to the Board's resolution in para 3 thereof, copy of which is also enclosed, and to G.O. No. 4767 dated 10th February 1888, I have to inform you that I have addressed the Chairman of the Calcutta Port

commissioners, and Chairman of
the Bombay Port Trust, in the hope
that I may be able to procure a
supply of cement from them to prevent
stoppage of blackmaking, pending
the arrival of that ordered for
from Home.

I have the honor to be
Sir

Your most Obedient Servant

M. M. M.

P
sic

Chairman
Harbour Trust Board

No 1233-35 Wapra 88
 " 104 W 2/11.1.88
 " 105 W 2/11.1.88
 " 106 W 2/11.1.88
 " 403 W 2/4.2.88
 " 476 W 2/10.2.88
 " 345 W 2/30.1.88

Hw
 B
 SP
 PPH

Recorded.

W
 23.2.88

M
 23/2/88

Let them know soon that
 the indent has been
 supplied with the
 of state announced the
 separate one day
 ago
 24 Feb
 10/2/88
 17 Feb 10.2.88 is the latest
 paper on the subject and
 this has been sent for
 up 28.2.88

The Chairman HJB
 Marine Dept.
 C. E. P. Kyp

CURRENT NO. 106
 MARINE DEPARTMENT.

FROM
 THE CHAIRMAN,
 HARBOUR TRUST BOARD,
 MADRAS,

TO
 THE CHIEF SECRETARY TO GOVERNMENT,
 Marine Department.

Fort Saint George

DATED 13th February 1888.
 RECEIVED 14th 22.2.88
 ENCLOSURE 30
 (+ 1/10/65-64)

SUBJECT.

Submitting for the
 information of Govern-
 ment progress report
 of the Madras Harbour
 Works during the
 month of January 1888
 27th Feb 1888
 Transferred to the Public
 Works Department.

By order

W. J. G. J.
 Asst. Secy. to Govt.

Govt. of (1887) ~~Mal~~ as

PUBLIC WORKS.

Done
1/3/88

Dated

Recd.

Encl.

G.O. 1983 1887, No. 7/006

Mar 20th 1888

Received
for
...

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