(1) பக்கங்களின் எண்ணிக்கை 14

(2) புதுக்கித் திருப்பிய நாள் 28.4.88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

1/6/88

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.(A) துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	348	அச்சகம் பலவகை
நாள் : 30. 1		1988.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

30th January 1888, No. 348 W., Public Works.

348/1

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, Madras, to the Chief Secretary to Government, dated Madras, 18th January 1888, No. 5907 :—

I have the honor to forward herewith, for the information of Government, copy of a letter from the Board's Engineer, No. 1230, dated 10th January 1888, submitting his report of work done on the Madras Harbour Works during the month of December 1887.

Enclosure.

From F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to the Chairman, Harbour Trust Board, dated Madras, 10th January 1888, No. 1230.

I have the honor to submit the following account of what has been done in connection with these works during the month of December.

2. On the north pier no work whatever was done, as during the greater part of the month the sea was sufficiently high to break over the railway lines and render access to the work dangerous. There still remain a few portions of the screen of wave-breaker blocks which require to be added to, whatever may be the future design of the harbour, and this work I hope to complete in the current month of January.

3. The making of concrete blocks was not resumed until the 4th of this month, but during December extensive repairs were carried out to the frames or moulds in which the blocks are made. All blocks now being made are for the south pier superstructure or for the wave-breakers, and on December 31st there were on stock the following well matured blocks :—

	No.
Wave-breaker blocks	235
Blocks for north pier	610
Do. for south pier	613
Total ...	1,458

This represents about 40,000 tons of concrete.

4. At the south pier I commenced to build in the railway line for advancing the Titan crane, but the work was retarded a good deal by the persistent swell breaking over the pier, consequently it was not possible to move the Titan out in December.

5. At the Pallávaram quarries all that could be done was to keep the railway lines in good order and repair, and this was properly attended to. The South Indian Railway Engineer's Department has been taking ballast from the quarry, and the Agent has agreed to pay a charge of one anna per wagon for each ballast wagon run upon the quarry lines, which are rather costly of maintenance, owing to sharp curves and heavy gradients. Up to December 31st the number of wagons run in this way was 673.

6. The repairs to the Goliath crane at the south block ground (referred to in paragraph 6 of my last report) were nearly completed, and the crane will shortly be at work again loading up blocks.

7. On the 13th December I arranged for an auction on the Harbour Works of such stores and materials as were useless so far as the works are concerned. The articles sold chiefly consisted of old iron from the two Titan cranes which were destroyed in November 1881, old pot-sleepers, stone-crusher jaws, worn out rails, grease and paint drums, damaged cement, &c., and the sum realised will amount to Rs. 3,602–5–4.

8. On the beach one level-crossing was put into thoroughly good order, and the road approach to the north goods shed was re-formed. The piece of ground known as the "Coal Hard" was advanced but not completed. The contractor is not working so briskly at this as he ought to do.

9. I have arranged for the season now commenced to confine all work to the south pier, which will cause a considerable saving in monthly expenditure, but it shall be my duty to take care that no delay shall result in the event of orders being issued as to what is to be done with the north pier.

10. I must again draw attention to the fact that Portland cement is badly needed.

Order—dated 30th January 1888, No. 348 W., Public Works.

Recorded.

2. The Secretary of State has already, as noticed on the previous report, been requested by wire to send out the Portland cement indented for.

(True Extract.)

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

To the Chairman, Harbour Trust Board.
„ Marine Department.
„ Consulting Engineer for Railways.

Exd. J. Moses
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated January, 30th.

Recd. *Encl.*

G.O., 30th Jan. 1888, No. 348 W.

JANUARY.

Madras Harbour Works

Progress report of the — for December 1887, recorded with remark.

348/3

30 Marine

pl

Harbour Trust Board Office,

MADRAS, 18th January 1888.

No. 5707

FROM R. 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 forward herewith for the information of Government Copy of a letter from the Boards' Engineer No. 1230 dated 10th January 1888, submitting his report of work done on the Madras Harbour Works during the month of December 1887.

I have the honor to be
Sir
Your most obedient Servant

R W Barlow
Chairman
Harbour Trust Board

P. Sec

348/4

№ 106 W d/11.1.88
" 104 W d/11.1.88
" 105 W d/11.1.88

4

B. J. R.
Works
to

No. 348 W. of 30 January 88.

Recorded.

The Secretary of State has already, as noticed on the previous report, been requested by wire to send out the Portland cement indented for.

25.1.88

25/1/88

D. W.
9/2/88

The Chairman H. T. Bd.
" Marine Dept.
" C. E. for Ryo.
A. W. 26.1.88

30

MARINE DEPARTMENT.

From
THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS,

To
THE CHIEF SECRETARY TO GOVERNMENT,
Marine Department.

Dated 18th } January 1888.
Received } 25.1.88
Enclosure (1)

No. 5907

SUBJECT.

Forwarding for the information of Govt. report of work done on the Madras Harbour Works during Decr. 1887.

Dy. 24th January 88

Transferred to the Public Works Department.

By order

Asst. Secy. to Govt.

Madras January 10th 1888

No. 1230

348/5

From
The Superintendent
Madras Harbour Works

To
The Chairman
Harbour Trust Board

Sir

I have the honor to submit the following account of what has been done in connection with these works during the month of December.

2 On the North Pier no work whatever was done as during the greater part of the month the sea was sufficiently high to break over the railway lines and render access to the work dangerous. There still remain a few portions of the screen of wave breaker blocks which require to be added to, whatever may be the future design of the Harbour, and this work I hope to complete in the current month of January.

3 The making of concrete blocks was not resumed until the 4th of this month, but during December extensive repairs were carried out to the frames or moulds in which the blocks are made. All blocks now being made are for the South pier superstructure or

December 31st there were on stock the following well matured blocks:—

No.	
235	Wave breaker blocks
610	Blocks for North pier
613	" " South pier
1458	Total

This represents about 40,000 tons of concrete.

4 At the South pier I commenced to build in the railway line for advancing the Titan crane but the work was retarded a good deal by the persistent swell breaking over the pier, consequently it was not possible to move the Titan out in December.

5 At the Pallavaram Quarries all that could be done was to keep the railway lines in good order and repair, and this was properly attended to. The South Indian Railway engineers' department has been taking ballast from the quarry, and the Agent has agreed to pay a charge of 1 anna per wagon for each ballast wagon run upon the quarry lines, which are rather costly of maintenance, owing to sharp curves and heavy gradients. Up to December 31st the number of wagons run in this was 673.

6 The repairs of [illegible] liath crane at the South block ground (referred to in para 6 of my last report) were nearly completed, and the crane will shortly be at work again loading up blocks.

7 On the 13th December I arranged for an auction on the Harbour works of such stores and materials as were useless so far as the works are concerned. The articles sold chiefly consisted of old iron from the two Titan cranes which were destroyed in November 1881, old pot sleepers, stone-crusher jaws, worn out rails, grease and paint drums, damaged cement &c. and the sum realised will amount to Rs. 3602-5-4.

8 On the beach one level crossing was put into thoroughly good order, and the road approach to the North goods shed was re-formed. The piece of ground known as the "Coal Hard" was advanced but not completed. The contractor is not working so briskly at this as he ought to do.

9 I have arranged for the season now commenced to confine all wor to the South Pier, which will ca

a considerable saving in monthly ex-penditure, but it shall be my duty to take care that no delay shall result in the event of orders being issued as to what is to be done with the North Pier.

10 I must again draw attention to the fact that Portland Cement[x] is badly needed.

x vide 106 W.O. 11-1-88

I have the honor to be
Sir
Your most obedient Servant
(Signed) F. N. Thorowgood
Superintendent
Madras Harbour Works

(True copy)

C. Binks. it
Secretary
Harbour Trust Board

HARBOUR TRUST BOARD
18 JAN. 88
MADRAS.

PW 736/88

PW 30/88

736

Govt. of (1888) Madras
PUBLIC WORKS.

Dated 11/1/88

Recd.   Encl.

Recd 2-2-92

G.O., 30 Jan 1888 No. 348 W

M. H. Works

~~Report~~ 2

Progs report of the — for Dec 87, recorded with remark

348/7