

No of Sheets 12

Date of Repair 12/16/1887

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TAMIL NADU ARCHIVES

Govt of TAMIL NADU

G.O. no: 3143 W dt 21-11-1887

Public Works Department

G.P.

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, 7th November 1887, No. 4676.

I have the honor to forward herewith, for the information of Government, copy of a letter from the Acting Superintendent, Madras Harbour Works, No. 908, dated 12th October 1887, reporting upon the progress made on the Madras Harbour Works during the month of September 1887, with a plan in original (to be returned).

ENCLOSURE.

From A. LEE POGSON, Esq., Acting Superintendent, Madras Harbour Works, to the Chairman, Harbour Trust Board, dated Madras, 12th October 1887, No. 908.

I have the honor to submit the following very brief report of the progress made on these works during the month of September 1887, with a plan showing in red the length of pier built of the new bonded section.

2. *North Pier works.*—Nothing has been done to advance the north pier, or the rubble base, since May last.

3. *South Pier works.*—During the greater part of the month the sea was too rough for a diver to work below water, consequently a very poor advance was made, when only 50 blocks of 30 tons a piece were set in position, advancing the south pier curve by 30½ feet only, as much of the time was taken up in removing from the centre line several of the old superstructure blocks which were overthrown a year-and-a-half ago.

4. *Concrete Block-making.*—Block-making was carried on very unsatisfactorily during the month, the contractor's outturn being only 132 blocks.

5. The number of blocks turned out by the former contractor in October last, notwithstanding stoppages by rain, &c., amounted to 218 blocks.

6. *Pallacarem Quarries.*—Thirteen trains of 35 wagons of stone only were required during the month, which brought to Madras 2,603½ tons of chips for block-making.

7. *Pontoon.*—The Pontoon, having thoroughly removed the old Titan crane which was wrecked at the south pier head, was transferred early in the month to the north pier, where several old blocks have been successfully lifted off the wrecked Titan crane belonging to this pier, so exposing the old crane that there will be no difficulty in raising and removing the whole of it early next working season.

8. *Stores from England.*—The following stores were received during September from England :—

By the SS. *Wardha*, 1,348 casks containing 240 tons 14 cwt. 1 qr. of Portland cement, also 15 cwt. of French nails and one grind-stone with frame, &c.

By the SS. *Stella*, 280·24 feet light steel rails were received.

Two hundred and eighty broad-gauge sleepers were received from Pálghat, supplied under contract by a merchant named M. C. Ragava Charry.

9. *Miscellaneous.*—The amount of work turned out by the contingent establishment under the heads of new works and repairs to iron pier machinery, moorings, laying of railway lines, &c., including the total of sanctioned estimates completed during September, amounts to Rs. 4,416-10-5.

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21st NOVEMBER 1887, No. 3143 W., PUBLIC WORKS.

Transferred to the Public Works Department.

(By Order.)

FORT ST. GEORGE,
14th November 1887.

(Signed) W. S. MEYER,
Asst. Secy. to Govt., Marine Dept.

ORDER—dated 21st November 1887, No. 3143 W., Public Works.

Recorded.

(True Extract.)

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

To the Chairman, Harbour Trust Board.
" Marine Department.

Erd. J. Mosca.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1887) Madras.
PUBLIC WORKS.

Dated November, 21st.

Recd.

Encl.

G.O., 21st Nov. 1887, No. 3143 W.

NOVEMBER

Madras Harbour Works

Progress report of the — for the month
of September 1887, recorded.

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13TH MAY 1887, No. 1317 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

Telegram from the Right Honorable the Secretary of State for India, London,
to the Right Honorable the Governor of Madras, Ootacamund, dated 27th
April 1887.

Madras Committee. Parkes reports shoaling outside bend of southern arm.
Please send by quickest means possible soundings between May 1886 and May 1887.

Telegram from the Chairman, Madras Harbour Trust Board, dated 30th April 1887.

From the Honorable R. W. BARLOW, C.S., Chairman, Harbour Trust Board,
to the Chief Secretary to Government, Marine Department, dated Madras,
4th May 1887, No. 504.

I have the honor to confirm my telegram, No. 464, dated 30th April 1887, in
reply to yours, dated 28th idem, and to submit, for the information of Government,
copy of the proceedings of the Harbour Trust Board, at their meeting of the 29th
April 1887, in reference to the shoaling reported by Mr. Parkes outside the bend of
the southern arm of the harbour.

2. This shoaling appears to be that referred to by Mr. Parkes in his report for
the quarter ending 31st December 1886, recorded in G.O., No. 1051 W., Public
Works, dated 15th April 1887, submitted to the Secretary of State on the 14th
February last, and is not considered by the Superintendent of any importance.

3. Soundings will be taken this May should an opportunity occur. Up to the
present the sea has been too rough. Such soundings will not, however, be of any
value for purposes of comparison with soundings taken in September or October, as
owing to the variation of the current the configuration of the sea-shore and sea-bottom
varies according to the season of the year; but the Superintendent proposes to take
another set of soundings in May next year, in order that those which it is now
intended to take may be compared with them hereafter.

ENCLOSURES.

EXTRACT of proceedings of the Harbour Trust Board, at a meeting held at the offices of the Board
on Friday, the 29th day of April 1887.

3. Read telegram from the Secretary to Government, Public Works Department, stating
that "Secretary of State wires Parkes reports shoaling outside bend of southern arm and asks
by quickest means possible for soundings between May 1886 and May 1887. On what date can
you send?"

13TH MAY 1887, No. 1317 W., PUBLIC WORKS.

Read letter from the Secretary, Harbour Trust Board, No. 435, dated 28th April 1887, communicating this telegram to the Superintendent and his reply thereto, No. 98, dated 29th April 1887. The Superintendent further explained that soundings outside the bend of the southern arm had never been taken in May, and if any were required this May, a favorable opportunity must be awaited, as on account of the roughness of the sea they were difficult to obtain, and that such soundings would be useless for the purposes of comparison with the soundings taken in October.

Resolved,—that the Chairman be invited to communicate the Superintendent's expressed views to Government.

Post copy of telegraph message from the Chairman, Harbour Trust Board, Madras, to the Chief Secretary to Government, Ootacamund, dated 30th April 1887, No. 464.

Secretary of State's request for soundings considered meeting yesterday. Thorowgood present. Stated soundings outside bend southern arm never taken May. Very difficult to obtain if wanted this May. Must await good opportunity. Last October soundings submitted by Parkes to Secretary of State 14th February. Writing.

Transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
11th May 1887.

(Signed) W. S. MEYER,
Asst. Secy., M.D.

ORDER—dated 13th May 1887, No. 1317 W., Public Works.

Ordered that the Chairman's letter be communicated, and the following telegram despatched to the Secretary of State;—

"Your telegram of 27th April last. Too rough outside harbour now. Soundings will be forwarded as soon as possible. Last soundings by next mail."

(Here enter No. 1317 W., dated 13th May 1887.)

(True Extract.)

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

To the Chairman, Madras Harbour Trust Board.
" Marine Department.

Exd. P. L. Pereira.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1887) Madras.

PUBLIC WORKS.

3143 W

Dated May, 13th.

Recd.

Encl.

G.O., 13th May 1887, No. 1317 W.

MAY.

Madras Harbour

Telegram to the Secretary of State with reference to his request to be furnished with the soundings obtained between May 1886 and May 1887 outside the bend of the southern arm of the —.

11th OCTOBER 1887, No. 2656 W., PUBLIC WORKS.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from R. W. BARLOW, Esq., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 16th September 1887, No. 3477.

I have the honor to submit, herewith, for your information, copy of progress report upon the Madras Harbour during the month of August last, with Board's resolution dated 14th instant.

2. The chart of soundings will be forwarded as soon as received. This survey has been made, as opportunity has offered, in compliance with G.O., No. 1317 W., dated 13th May 1887, communicating telegram from the Secretary of State for India regarding supposed shoaling.

ENCLOSURES.

From A. LEE POGSON, Esq., Acting Superintendent of the Madras Harbour Works, to the Chairman, Harbour Trust Board, Madras, dated 9th September 1887, No. 803.

I have the honor to forward my report upon the progress made on these works during the past month of August, with a plan showing in red the length of the pier built in the month.

2. *Surveys.*—All necessary soundings in connection with the rubble base were taken during the month, in addition to the soundings outside the southern arm called for in your letter, No. 605, dated 9th May 1887. This survey will be plotted and submitted as soon as possible.

3. *North pier works.*—The line of rails required for the Titan and wave-breaker cranes has now been built in masonry, and I am ready to start work again at this arm immediately on receiving orders.

The removal of the submerged north pier Titan crane has been commenced by the pontoon. 4. *South pier works, superstructure.*—A very fair progress has been made during the month, taking into consideration the rough state of the sea and heavy swell, stopping all work for three and four days at a time.

After the recovery of three old blocks and several pieces, which were overthrown in the storm of May 1886, the foundation was again clear, when 60 new superstructure blocks were set in position, advancing this arm by 36½ feet.

5. *Rubble base.*—No stone was added to the south pier rubble base during August, as the required section is fully made up, and only a few small chips are occasionally required as packing to the bottom blocks.

The south pier Titan crane, which was overthrown in the storm of November 1881, has now been completely removed, and brought ashore by the pontoon, and, until I hear where the south pier head is to be, nothing further can be done in the way of stone tipping.

6. *Concrete blockmaking.*—Blockmaking was carried on steadily during the month, the output being 219 blocks (representing 6,610 tons of concrete), 198 of which were for the wavebreaker, and the remaining 21, superstructure blocks, for the outer straight portion of the south pier.

7. *Pallavaram quarries.*—Very little work has been done at the Pallavaram quarries during August owing to there being no rubble required for tipping; consequently only 21 trains ran during the month, bringing down 4,177½ tons of chips for blockmaking.

8. *Pontoon*.—The pontoon was at work during the greater part of the month and did excellent work, having removed 16 old blocks (which were again utilised as wave-breaker blocks in a new position) exposing the remaining portions of the wrecked south pier Titan crane, which were raised and brought ashore.

9. *Stores from England*.—The following stores were received during August from England: By the S.S. *Manora*, 2,016 casks containing 360 tons of Portland cement, also four Lewis bars; by the S.S. *Duke of Sutherland*, 1,512 casks containing 270 tons of Portland cement, also two cases containing divers' dresses and spare gear. 165 jungle-wood sleepers $5\frac{1}{2}' \times 10" \times 5"$ were also delivered.

10. *Miscellaneous*.—On the 22nd August the whole of the staff, consisting of fitters, carpenters, coolies, and shops, &c., formerly under the Marine Department, was transferred to the Harbour Works, forming an extra branch for keeping in repair all machinery and other work in connection with the iron pier, custom house, &c.

*EXTRACT of Proceedings of the Harbour Trust Board, at a meeting held at the offices of the Board on Wednesday, the 14th day of September 1887.

9. Read letter from the Superintendent, Madras Harbour Works, No. 803, dated 9th September 1887, submitting report of progress made on the Madras Harbour Works during the month of August 1887.

Recorded. The chart of soundings will be submitted to Government when received.

Transferred to the Public Works Department.

(By Order.)

(Signed)

W. S. MEYER,
Assistant Secretary.

OOTACAMUND,
27th September 1887.

ORDER—dated 11th October 1887, No. 2656 W., Public Works.
Recorded.

2. The chart of soundings recently taken is awaited.

(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.

Exd. E. Fernandez.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1887) Madras.
PUBLIC WORKS.

Dated October, 11th.

Recd.

Encl.

G.O., 11th Oct. 1887, No. 2656 W.

OCTOBER.

Madras Harbour Works
Progress report of the — for the month
of August 1887, recorded.

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25TH OCTOBER 1887, No. 2877 W., PUBLIC WORKS.

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, Marine Department, dated Madras, 10th October 1887, No. 4119 :—

I have the honor to forward herewith chart of soundings to the south of the southern arm of the Harbour, called for in G.O., No. 1317 W., dated 13th May 1887; the delay in its preparation has been unavoidable owing to the rough state of the sea.

2. On comparison with previous soundings it will be noted that no shoaling of the least importance has occurred.

Transferred to the Public Works Department.

(By Order.)

(Signed) W. S. MEYER,
Assistant Secy. to Government.

FORT ST. GEORGE,
18th October 1887.

ORDER—dated 25th October 1887, No. 2877 W., Public Works.
Ordered that the chart be transmitted to the Secretary of State.

(True Extract.)

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

To the Chairman, Harbour Trust Board.
" Marine Department.
" Newspapers.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1887) Madras
PUBLIC WORKS.

Dated October, 25th

Recd.

Encl.

G.O., 25th Oct. 1887, No. 2877 W.

OCTOBER.

Madras Harbour

A chart of soundings to the south of the southern arm of the — taken in August and September last, ordered to be forwarded to the Secretary of State.

CURRENT NO. 986 W

Harbour Trust Board Office,
MADRAS, 7th November 1887

No. 4476

3143
8

FROM

P. W. Barlow Esquire B.L.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

TO

The Honorable M. C. Stokes B.L.

Ag 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 Acting Superintendent Madras Harbour Works No. 908 dated 12th October 1887, reporting upon the progress made on the Madras Harbour Works during the month of September 1887, with a plan in original (to be returned).

I have the honor to be
Sir

Your most Obedient Servant

W. W. Barlow

Chairman
Harbour Trust Board.

3168
9

FROM
THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS.

DATED *15*
RECEIVED *15* } November 1887
ENCLOSURE *12* (+ L plan)
No. *14676*

SUBJECT

Submitting for the
information of
Govt. Progress report
of the two class Harbour
Works during the
month of September 1917

Recorded

16. 11. 57

John
16/11/67

Chairman H. J. Board
Marine Dept. ✓

circ. 17-11-87 R. 19-11-87

With order

908.

from

The Superintendent
Madras Harbour Works

7

The Chairman
Harbour Trust Board
Melbourne

In a das 12. October 1887.

Sir

Sir

I have the honor to submit the following very brief report of the progress made on these works during the month of September 1887 with a plan showing in red the length of Pier built of the new bonded section.

Yours faithfully,
Geo. S. Smith

Nothing has been done to advance

North Pier Works.

the North Pier, or the Rubble Base since
May last.

South River Works³

During the greater part of the month the sea was too rough for a diver

diver to work below in air, consequently
a very poor advance was made;
when, only 50 blocks of 30 tons a piece
were set in position, advancing the
South Pier core by $30\frac{1}{2}$ feet only.
as much of the time was taken up
in removing from the centre line.
Several of the old superstructure
blocks which were overthrown a year
and a half ago.

4 Blockmaking was carried on concrete.
Very unsatisfactorily during the blockmaking
month, the contractors out. time
being only 132 blocks.

5 The number of blocks turned
out by the former contractor in
October last notwithstanding
stoppages by rain or amounted to
218 blocks.

6 Thirteen trains of 35 wagons Pallavaram
of stone only were required during January
the month, which brought to Madras

in a day 2600 $\frac{1}{2}$ tons of chips for block-
making.

3163
11

Pontoon

7 The Pontoon having thoroughly
removed the Old Italian crane which
was wrecked at the South Pier Head
was transferred early in the month to
the North Pier, where several old blocks
have been successfully lifted off the
wrecked Italian crane belonging to
this Pier, so exposing the old crane that
there will be no difficulty in raising
and removing the whole of it, early
next working season.

Stores from

England

during September from England:
By the S.S. "Wardha". 1348 casks
containing 240. 14. 1 of
Portland Cement. also.

15 of French nails and
one grind stone with
frame &c.

By

By the S. S. Stella 280. 24 feet

Light Steel Rails
were received

280 broad gauge sleepers were received
from Palghat supplied under contract
by a Merchant named M. C. Nagaraja
Chetty.

9 The amount of work turned out Miscellaneous
by the Contingent Establishment
under the Heads of New Works and
Repairs to Iron Pier Machinery,
Moorings, Laying of Railway Lines
&c. &c. including the total of
Sanctioned Estimates completed
during September, amounts to
Rs 4416-10-5.

I have the honor to be
sir
your most obedt. Servant

(Signed) A. Lee Poyson

Ag. Superintendent.

Madras Harbour Works
True Copy

Present

Secretary Board.



3143
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Margd/sy
ewy

9250

Govt of Madras.

PUBLIC WORKS.

Dated

21/11/87
Recd 22/11/96

Recd.

Encl.

G.O. 21 Nov 1887, No 31431

In. H. Works

Ref Progress report
of the — for the month
of Sep/87, recorded.

60
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55/11/21