(1) பக்கங்களின் எண்ணிக்கை 18

(2) புதுக்கித் திருப்பிய நாள் டிசம்பர் 1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(13)

தமிழ்நாடு அரசு

PWD

துறை

அரசாணை எண்.		அச்சகம்
மு. கோப்புத் தாள் எண்.	177	பலவகை

நாள் : 23.1.1989 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

9 sheets

அவண, கா-1—18,000—15-6-87.

(7)

11

Harbour Trust Board Office,

MADRAS, 19 January 1889.

No. 249

177

FROM J. P. Fiddian Esquire es.

Ag CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

To

The Honble Colonel H. R Knead R E

~~Chief~~ SECRETARY TO GOVERNMENT,

~~Marine Department.~~

Public Works Department

Chepauk.

Sir

I have the honor to acknowledge the receipt of your letter No 76 W dated 11th instant, and to forward herewith a copy of the Engineers letter No 1348 of yesterdays date, reporting progress upon the Harbour, with a return of work done, during the month of October 1888. I also forward a triplicate copy of comparison of estimate for the 31st idem, and tracing of the Harbour.

2. Copies of the above have also been submitted

B. No 76 Wks. 11.1.89.

27W - 8.1.89

25
3743 W. 27.11.88

18
3050 W - 28.9.88

15
2390 W - 6.8.88

1065 W - 9.7.88

PWC No 593

MARINE DEPARTMENT.

FROM

THE CHAIRMAN,

HARBOUR TRUST BOARD,

MADRAS,

To

THE CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

SECRETARIAT GOVERNMENT
21 JAN 8
P.W. DEPARTMENT, MADRAS.

DATED 19 January 1889.

RECEIVED 21 January

ENCLOSURE (4) (+ 1 plan)

DO 249

SUBJECT.

Forwarding copy of the Board's Engineers letter No 1348 dated 18 January 1889 together with its enclosures reporting Progress made upon the Harbour during the month of October 1888.

M. 21.1.89

Madras 18th January 1889

No 1348

From

The Engineer
Harbour Trust Board
Madras

To

The Chairman
Harbour Trust Board
Madras

Sir

Accompaniments

I have the honour to submit
2 (in triplicate) my report on the progress made on
Estimates (4) these works during the month of
Photographs October '88. together with a plan
Statement of Expenditure which
are submitted in triplicate.

Surveys 2 Several cross sections of the
Rubble Bases were taken, also Sections
of the North Pier Base in connection
with the Continuation of Troops Pier
from the Masonry Pier.

North Pier Works 3 No progress has been
Superstructure Pier Superstructure could be made
to the Detail Crane was required
for depositing the Wavebreaker Blocks
but all necessary Cranes were
converted in position which can

177
2

submitted to the Chief Secretary to Govern-
ment, Marine Department.

3. The chief cause of delay in sub-
mitting these returns is that Mr. Pogson
has been without assistance, and they
therefore unavoidably fell into arrear. I
hope to submit the report for November very
shortly, and these returns will in future
be forwarded without delay.

4. As your suggestion, that the com-
parison of expenditure should follow the
report, will save considerable time, and
the Engineer has been instructed accord-
ingly; and lithographed plans of the
Harbour will be used as directed instead
of the usual tracings.

I have the honor to be
Sir
Your Most Obed. Servant

[illegible]

Actg Chairman
Harbour Trust Board

Rec

B. No. 76 Wes. 11.1.89.
27W - 8.1.89
25/3743 W. 27.11.88
18/3050 W. 28.9.88
15/2590 W. 6.8.88
1085W - 9.7.88

PWC No 593

MARINE DEPARTMENT.

FROM

THE CHAIRMAN,

HARBOUR TRUST BOARD,

MADRAS,

TO

THE CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

SECRETARIAT TO GOVERNMENT
21 JAN 8
P.W. DEPARTMENT, MADRAS.

DATED 19 January 1889.

RECEIVED 21 January

ENCLOSURE (2) (4 Plans)

No. 249

SUBJECT.

Forwarding copy of the Board's Engineers letter No 1348 dated 18 January 1889 together with its enclosures reporting Progress made upon the Harbour during the month of October 1888.

ML. 11.1.89

Madras 18th January 1889

No. 1348

From

The Engineer
Harbour Trust Board
Madras

To

The Chairman
Harbour Trust Board
Madras

Sir

I have the honour to submit my report on the progress made on the (subjoined) three works during the month of October '88. together with a plan (showing the) Statement of Expenditure which are submitted in triplicate.

Several cross Sections of the

2 Rubble Mole were taken, also Sections of the North Pier Mole in connection with the Extension of Groyne Pier from the Breasing Pier.

3 No advance has been made in the Superstructure of the North Pier Extension as the Petah Crane was required for depositing the Breakwater Blocks but all necessary Gantries were erected in position which can be

...top blocks.

The South Pier Wavebreaker was lengthened by the addition of 20 [illegible] Concrete Blocks, deposited at intervals where the Section was weak, and the Titan Crane was then with drawn on the 15th to wait at the close of the working Season. Wavebreaker. Beach Improvement + Iron Pier Repairs

The work of Block making was carried on from the 26th to the 29th October, when 33 Blocks containing 538 Cubic yards of Concrete were turned out. Concrete Blocks. Cyclone

The following Steamers delivered 371 Sleepers of which 20 were narrow gauge. Sleepers for Local suppliers

Sundry progress was made under Arishead, the most important of which was the completion of the new South Corrugated Iron goods shed which covers a space of 140 ft. x 115 ft. all other work and repairs is detailed in the Return of work attached.

On the 31st October a Cyclone passed over Madras which was severe enough to force all vessels in the roadstead to put to sea - but no damage or the slightest movement throughout the [illegible]

I have &c
(Signed) A. Lee
Engineer. Harbour

The Ss "Dornda" brought from England 1352 Cubic Feet of Portland Cement Containing = 2111-8-2-8 Cubic Feet

SS Goorkha do do 0 Cubic Feet of Portland Cement containing = 575 Cubic Feet together with sundries [illegible] nails, spikes, Sieves, Buckets, Cuffs &c for Divers - Hammers Cylinder and Babbitt metal.

The Contractor M. C. Lagova [illegible] delivered 371 Sleepers of which

I Inc Copy

C Gover

Secretary, Harbour Trust [illegible]

MADRAS HARBOUR TRUST RECEIVED 10 JAN 73

B. No. 76 W...
1/27 W...
25/3743 W...
18/3050 W...
15/2390 W...
1605 W...

Madras Harbour Works

Return of work for October 1888

Railway Lines. The lines at the Beach and the Quarries were kept in working order 396 Rft. new rails were laid renewing worn out portions 2140 ft permanent Telau road was removed on S.t Pier & 610 ft. permanent broad gauge line on South Pier and 60 ft broad gauge line on North Pier was marked off the Piers on the night of the 31st.

Quarries Seventeen trains worked during the month bringing stone from Pallavaram

Rubble { Total quantity received up to 31st Oct 88 - 350748 1/4 Tons
do 30th Sept - 350552 3/4
Received in Oct 195 1/2

Chips { Total quantity received up to 31st Oct 88 - 113461
do 30th Sept - 110090 3/4
Received in Oct. 3370 1/4

Ballast none received

N.P. Surf Bank — Nothing done since 31st Dec.
" Rubble Base — do — 30th Sept
" Superstructure — do — 29th Feby
" Supplementary works — do — 30 Sept
" Capping — do — 31st May
" Cramps — do — 30th Sept
S.P. Surf Bank — do — 30th Sept
S.P. Rubble Base — do — 30th Sept

Fore shore

"

Foreshore

	Large rubble under 12 Breaker	Widening Foreshore	Brace
Total quantity deposited Up to 31st Oct 88	9380	3885 3/4	1200 85
Do 30th Sept 84	9380	3838 3/4	1198 1/2
Deposited in Oct	-	-	195 1/2

S.P. Superstructure Nothing done since 30th Sept 88

S.P. Wavebreaker Blocks deposited in Wavebreaker

	No of blocks	Contents cyds	Distance Deposited	Average Weight of Blocks
Up to 31st Oct	1230	2114 2 97/216	-	-
Do 30th Sept	1022	1739 8 97/216	-	-
In October	208	374 4	2339	25 3/4 tons

Wavebreaker Blocks

S.P. Capping — Nothing done since 30th June 88

" " Cramps — 12 Cramps were fixed in the month

Protective Work — Nothing done

Concrete Blocks

Description of Blocks	Number up to 30th Sept 88	Number added in month	Number up to 31st Oct 88	Stage in work Up to 30th Sept 1888	Stage in work Up to 31st Oct 1888	In Yard	Remarks
Old Blocks	806	-	806	806	806	-	
& B. Blocks	2614	21	2635	2058	2266	369	
Superstructure							
Bottom blocks	227	-	227	108	108	119	
Middle "	673	9	682	1405	1405	277	
Top "	222	3	225	130	130	95	
Bottom "	336	-	336	147	147	189	
Middle "	939	-	939	635	635	304	
Top "	3140	-	3140	233	233	107	
Special "	71	-	71	71	71	1	
Counterbalance	1	-	1	-	-	1	

208 cyds Concrete blocks made in the month

Shuttering were commenced on the 26th and

were stopped on the 30th on account of cramps 3

Wavebreaker and 116 Superstructure blocks

were taken from North to South Pier Head

Pounds

5 88

Pounds and Stacked

1150 Iron Cement now the balance on stock at the end of the month 1887

Tools and Plant

Stationary Engine — Seven new joints were made in steam pipes, two joints for regulator valve boxes, and eight joints for steam chests. The Chests and covers were faced up. Two new spindles and glands bored out for regulator valves. Twelve bolts and seven studs were turned up and slide and expansion valves re-set. A strainer was made and added to the boiler drain. 177

No 1 Stone Crusher Two new jaws and side wedges were supplied and set. Plates refixed.

No 2 Stone Crusher. A new pump hook fixed.

Stone Crushers, Shoots & Tools. Iron work for a new shoot was made and that of an old one repaired.

No 3 Elevator. Repairs were completed to the platform Elevator box and a concrete skip of two Elevator and four concrete miner door catches were renewed.

No 3 Goliath Crane — A new leather was made and fixed to the ram of the Hydraulic Crane.

Sundries. The turntable in No Block frame was cleaned and pa Two shunting ropes were made for No 1&2 Locomotive Engines. A canvas tra pipe was supplied for the running She No 2, 100 ton hydraulic jack was repair

an

P. W. Dept.

No. 177 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the Jan 23 1889.

READ the following

From the Chairman Ln. A. T. Bd No 249 dy 19.1.89

The report will be forwarded to the Secy of State for India.

A. Ln. A. T. Bd Marine Dept.

+177.

H.S. No 3 W dy 23.1.89

To the Rt. Hon. the S. of S. for I.

My Lord,

In continuation of our despatch No 1/276 dated 8th January 1889 we have the honor to forward for your Lordship's information, the [illegible] report of works on the Madras Harbour for the year

+ P.G. No 177 W dy Jan: 23. 1889.

and supplied with a new leather.

No 1 Loco Engine - The Brass bearings of connecting and coupling rods closed, waste water cocks and blow off cock repaired. Boiler cocks, clock box and safety valves framed. Hand dummy stand joints remade, foot steps straightened and coupling chain repaired.

No 2 Loco Engine Brass bearings of connecting and coupling rods closed. Boiler cocks framed. Two waste water cocks fitted and water valve cock gearing repaired.

No 3 Loco Engine Dummy stand joints made and boiler cocks framed.

Two concrete skip trucks were made and a new material truck nearly completed.

No 2 Pile Driver Two new travelling wheels and seven turned bolts were fitted to the crab carriage girder, and a key fixed to the spur wheel.

The N. B. Crane was under erection

Harbour Trust

Dock Improvements 705 Sq ft of broad gauge line and a turntable was laid to connect the N R Coy stores with the Jetty Pier. 2066 Sq ft broad gauge line was laid and about the Iron Pier was removed and relaid. The South goods Shed was completed and another in hand. A turntable near the new North goods Shed was under erection 177 6 8

Iron Pier For 9 ft in length two and half width the timber work was thoroughly renewed. On the projecting portion of Pier a 50 feet longitudinal beam was fixed and for 13 ft in length and 26' 4" in breadth the longitudinal beams and planks were removed and replaced with new timber.

No 13 (80m) truck - This new truck was completed and handed over to the Traffic Department during the month.

No 23 Truck No 23 Pier truck was thoroughly repaired 77

No 4 A Portable Crane - Fitted to a new truck and the crane thoroughly overhauled.

No 3 B Portable Crane - Iron work repaired

No 2 Saloon carriage was repaired and painted throughout.

A Bridge or Gangway for landing troops was made and four seating boxes were repaired.

North & South Masonry goods sheds - Several alterations were made by fixing partitions doors and windows &c to accomodate the Deputy Quarter Master General in the way of providing Offices and waiting room.

(Signed) A. A. Jopson
Engineer Harbour Trust

Madras Harbour Trust Office
17th January 1913

True Copy

C. Pritchard
Secretary, Harbour Trust Board

HARBOUR TRUST OFFICE
13 JAN 13
MADRAS

Public Works Department.

No 177 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the Jan 23 1889.

Read the following

From the Chairman Mr. H. T. Bd No 249 W 19.1.89

The report will be forwarded to the Secy of State for India.

Ac. to H. T. Bd marine dept. +177.

H.S. No 3/179 W 23.1.89

To the Bt. Hon. the S. of S. for I.

My Lord,

In continuation of our despatch No 1/274 dated 8th January 1889 we have the honour to forward for your Lordship's information, the pr report of works on Madras Harbour for

+ P.C. No 177 W 23 Jan: 1889

Month of October 1888,
together with a statement
of expenditure to date
as compared with the
sanctioned estimate, &
a plan showing the advance
made during the month.

2. We have arranged
with the Chairman of the
Harlem Trust Board
for the earlier submission
of these reports in future.

24/1/89

Send with
GS 2s 177 W 2
Statement Va
chart.
30/1/89.

Print
wrapper

177
9

573.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated 24/11/88

Read. Encl.

G.O. 23rd Jany 1889 No. 177 W.

2
177 W

Inspection Bungalow work.

Report for the month of Oct 1888 submitting the proposal for keeping a Cooly for ditto.

(9)

Forwd: the progress report of the Inspection Bungalow works for October 1888.

1WD
4