Marine (1898) Department.

G.O., No. 1037 **Marine**

✓

DATED 14th Dec 1898.

[Despatch Abstract.]

Reclamation Works on the Madras Foreshore

Stating that Govt has no objection to the Harbour Trust Board making official use of the abstract of correspondence relating to [illegible] prepared in the Secretariat, & forwarding to the Board with remarks a copy of the abstract and connected papers.

[M.—8. 16-7-98.]

Indexed. 3/1/99

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

B.

Marine DEPARTMENT.

READ the following :—

Letter from the Chairman Harbour Trust Board, No. 2358 d/22nd Septr/9
— do — do — do — do — No. 2619 d/11th Octr/98.
Office-Note from the Examiner, P. W. Accounts, No. 3550 B/B d/19th Octr/9
Letter fr[illegible] the Chairman Harbour Trust Board No. 2731 d/19th October/9

Circulated to

ORDER. No: 1037 Mar dy 14·12·98

In the papers read above the Chairman Harbour Trust Board requests.

(1) That he may be allowed to make official use of the abstrac of information relating to protective works on the Madra Foreshore, which was unofficiall sent to him with No. 4332 C date 4th October 1898.

×Flag M

(2) That he may be favoured with a statement showing all sums spent by Government in each year from the beginning of the present century up to 1874 [illegible] protecting [illegible] e of Madras within present Municipal limits.

P. W. 4
1,000—14-11-98.

(3) That the records bearing on the past history of the protection of the foreshore, asked for in his letter No. 714 dated 13th May 1898, may be furnished to the Board for information.

2. The Government has no objection to the Harbour Trust Board making official use of the abstract of Correspondence referred to above. A copy of the paper will be furnished to the Board, which will also be supplied with the file of Correspondence which was Collected for the preparation of the abstract. The papers should be returned to the Secretariat when done with. They form a portion of the records of Government, and cannot be permanently transferred. There is, however, no Objection to the Board taking Copies, if they so desire.

3. As regards a Statement of Expenditure on [illegible] from the

beginning of the present Century, the Government regrets that it is unable to furnish the information, as it is not accessible. The Correspondence now forwarded to the Board, throws some light on the matter.

R.S.

6.12.98

To

The Chairman Harbour Trust Board with a Copy of abstract of Correspondence and Copies of papers as per accompanying list.

D/6/12/98

Office instructions.

(1) Correspondence to be arranged according to dates.

(2) Two lists to be there made, one for issue & the other for record.

(3) It will be sufficient to enter No. & date of paper in lists, without abstract.

R.S.

List of papers relating to protective works on the Madras Foreshore.

G.O.	522	Mis	dated	25 - 9 - 1886	Marine	--	Original	✓
-	263	,,	,,	20 - 6 - 1884	,,	--	Original	✓
-	1255	W	,,	19 - 5 - 1884	P.W.	--	,,	✓
-	191	Mis	,,	7 - 5 - 1884	Marine	--	,,	✓
-	3633	W	,,	19 - 12 - 1883	P.-W.	--	,,	✓
-	2875	W	,,	12 - 10 - 1883	,,	--	Spare copy.	✓
-	1199	W	,,	21 - 4 - 1883	,,	--	Original	✓
-	435	Mis	,,	11 - 11 - 1882	Marine	--	,,	✓
-	2704	W	,,	17 - 10 - 1882	P.W.	--	Spare copy.	✓
-	294	Mis	,,	17 - 8 - 1882	Marine	--	Original	✓
-	286	Mis	,,	15 - 8 - 1882	,,	--	,,	✓
-	1839	W	,,	18 - 7 - 1882	P.-W.	--	,,	✓
-	1720	W	,,	8 - 7 - 1882	,,	--	Spare copy	✓
-	1695	W	,,	6 - 7 - 1882	,,	--	-- do --	✓
-	233	N	,,	20 - 7 - 1882	~~Marine~~		Original	✓
-	1694	W	,,	6 - 7 - 1882	P.-W.-	--	Spare copy	✓
-	1675	W	,,	3 - 7 - 1882	,,	--	,,	✓
-	1037	W	,,	27 - 4 - 1882	,,	--	Original	✓
-	1009	W	,,	24 - 4 - 1882	,,	--	Spare copy	✓
-	1008	W	,,	24 - 4 - 1882	,,	--	,,	✓
-	930	W	,,	14 - 4 - 1882	,,	--	original ~~-- do --~~	✓
-	781	W ✓	,,	23 - 3 - 1882	,,	--	Spare copy ~~-- do --~~	✓
-	698	W	,,	17 - 3 - 1882	,,	--	original ~~-- do --~~	✓
	289	D	,,	10 - 3 - 1882	,,	--	Original office Note	✓
G.O.	601	W	,,	8 - 3 - 1882	,,	--	original ~~Spare copy~~	✓
-	278	Fin.	,,	8 - 3 - 1883	Financial		~~-- do --~~ Spare copy	✓

(2)

S.O. 780 ~~M~~ W ✓	dated	23 - 3 - 1882	P-W.	Spare copy ✓
74 Mis ✓	,,	7 - 3 - 1882	M~~y~~arine	Original ✓
73 Mis ✓	,,	6 - 3 - 1882	,,	,, ✓
3186 W ✓	,,	24 - 12 - 1881	P-W.	Spare copy ✓
3106 W ✓	,,	14 - 12 - 1881	,,	,, ✓
2927 W ✓	,,	23 - 11 --1881	,,	,, ✓
2854 W ✓	,,	15 - 11 - 1881	,,	,, ✓
439 ✓	,,	8 - 9 - 1881	Marine	Original ✓
561 W ✓	,,	1 - 3 - 1881	P-W.	,, ✓
234 W ✓	,,	28 - 1 - 1881	,,	Spare copy ✓
60 W ✓	,,	11 - 1 - 1881	,,	,, ✓
2851 W ✓	,,	9 - 12 - 1880	,,	,, ✓
2823 W ✓	,,	7 - 12 - 1880	--	Original ✓
[illegible]20 W ✓	,,	25 - 11 - 1880	,,	Spare copy ✓
2335 W ✓	,,	21 - 10 - 1880	,,	,, ✓
[illegible]299 W ✓	,,	4 - 10 - 1880	,,	,, ✓
1812 W ✓	,,	29 - 7 - 1880	,,	,, ✓
1713 W ✓	,,	19 - 7 - 1880	,,	Original ✓
1435 W ✓	,,	18 - 6 - 1880	,,	,, ✓
1240 A-W. ✓	,,	25 - 5 - 1880	,,	,, ✓
1224 W ✓	,,	24 - 5 - 1880	P-W.	Spare copy. ✓
1223 W ✓	,,	24 - 5 - 1880	,,	,, ✓
854 W ✓	,,	3 - 4 - 1880	,,	,, ✓
768 W ✓	,,	29 - 3 - 1880	,,	,, ✓
767 W ✓	,,	23 - 3 - 1880	,,	,, ✓
196 W ✓	,,	26 - 1 - 1880	,,	,, ✓
1419 W ✓	,,	21 - 5 - 1879	,,	,, ✓
1310 W ✓	,,	7 - 5 - 1879	,,	,, ✓
862 W ✓	,,	22 - 3 - 1879	,,	,, ✓
~~1284 W~~	~~,,~~	~~6 - 5 - 1865~~	~~,,~~	~~,,~~
~~521~~	~~,,~~	~~23 - 2 - 1865~~	~~,,~~	~~,,~~
	~~,,~~	~~18 - 1 - 1865~~	~~,,~~	~~,,~~

(3)(4)

5.0. 718	W ✓	dated	11 - 3 - 1879	Public Works	Spare copy ✓
657	W ✓	,,	5 - 3 - 1879	,,	,, ✓
128	W ✓	,,	9 - 1 - 1879	,,	,, ✓
4489	W ✓	,,	25 - 11 - 1878	,,	,, ✓
3122	W ✓	,,	3 - 8 - 1878	,,	,, ✓
2696	W ✓	,,	29 - 6 - 1878	,,	,, ✓
1557	W ✓	,,	26 - 3 - 1878	,,	,, ✓
984	W ✓	,,	28 - 2 - 1878	,,	,, ✓
14	W ✓	,,	4 - 1 - 1878	,,	,, ✓
241 ✓		,,	5 - 4 - 1877	Marine	Original ✓
224 ✓		,,	26 - 3 - 1877	,,	,, ✓
672 ✓		,,	28 - 2 - 1877	Public Works	Spare copy ✓
389 ✓		,,	3 - 2 - 1877	,,	,, ✓
2820 ✓		,,	23 - 10 - 1876	,,	,, ✓
377 ✓		,,	25 - 9 - 1876	Marine	Original ✓
2340 ✓		,,	1 - 9 - 1876	Public Works	Spare copy ✓
~~517~~ 51 ✓		,,	8 - 8 - 1876	,,	Original ✓
1492 ✓		,,	15 - 6 - 1876	,,	Spare copy ✓
238 ✓		,,	1 - 7 - 1876	Marine	Original ✓
163 ✓		,,	23 - 3 - 1876	,,	,, ✓
291 ✓		,,	16 - 8 - 1875	,,	,, ✓
52		,,	13 - 2 - 1874	,,	,, ✓
2725	B	,,	7 - 11 - 1873	Public Works	Spare copy ✓
2725	C	,,	7 - 11 - 1873	,,	,, ✓
866		,,	17 - 3 - 1869	,,	,, ✓
226		,,	8 - 8 - 1868	Marine	,, ✓
2773		,,	1 - 9 - 1866	Public Works	,, ✓
1539		,,	6 - 6 - 1865	,,	,, ✓
1234		,,	6 - 5 - 1865	,,	,, ✓
521		,,	23 - 2 - 1865	,,	,, ✓
174		,,	18 - 1 - 1865	,,	,, ✓
3212		,,	8 - 11 - 1864	,,	,, ✓
2517		,,	31 - 8 - 1864	,,	,,
1400		,,	19 - 6 - 1862	,,	,,

Military Dept.	Comsultation	No.	46	d/	8- 8-1823	Original
,,	,,	,,	45	,,	8- 8-1823	,,
,,	,,	,,	44	,,	8- 8-1823	,,
,,	,,	,,	50	,,	19- 11-1822	,,
,,	,,	,,	51	,,	19- 11-1822	,,
,,	,,	,,	54 B	,,	17- 10-1820	,,

Professional papers on the Madras Engineers - Volume I.

Report on the formation of a Harbour at Madras by W. Parkes, M. I. C. E.

Marine DEPARTMENT.

READ the following:—

Letter from the Chairman Harbour Trust Board No. 2358 d/ 22 Septr/9
— do — do — do — do — No. 2679 d/ 11 Octr/98
Office Note from the Examiner P. W. Accounts No. 3550 B/13 d/ 19 Octr/
Letter from the Chairman Harbour Trust Board No. 2731 d/ 19 October/

Madras Harbour - Protective works -

Circulated to

H. E. the Governor

FOR ORDERS.

In the papers read above the Chairman Harbour Trust Boa requests

(1) That he may be allowed to make official use of the abstract of information relating to protective works on the Madras Foreshore, which was unofficia sent to him with No. 4332 C dated 4 October 1898.

o Flag M

(2) That he may be favoured with a statement showing all sums spent by Government in each year from the beginnin of the present century up to 1876, upon protecting the foreshore of Madras within present Municipal limits.

(3) That the records bearing on

the

P. W. 43
500—14-11-98

the past history of the protection of the foreshore, asked for in his letter No. 714 dated 13th May 1898, may be furnished to the Board for information.

x Flag T

2 Request No. 1 - The information was ~~complied~~ compiled in the Secretariat at the request of the Chairman Harbour Trust Board, and he now asks to be allowed to make official use of it. The compilation gives information on the following points:-

o Flag S

(a) The date of construction and cost of the protective revetment extending from the S. E. Corner of Fort St. George to the North of Clive's Battery.

(b) The object with which the Breakwater opposite the Custom House was constructed.

(c) The cause of its subsequent abandonment.

(d) Particulars and cost of construction of the groynes thrown out for the protection of the Beach from 1838 onwards, and of the bulwark connected with the groynes.

3 Request No. 2 - The Examiner has been referred to, and he states that his books from 1863-64 to 1876 have been looked up and that no information is forthcoming. The books in the Secretariat Library have also been searched, but without result.

4. The Secretariat is not an office of account and the records in regard to accounts have, therefore, never been deposited here. The Examiner, who is the custodian of accounts, says he is unable to furnish information prior to 1863-64. The only other likely place is the office of the Consulting Architect where, it is understood, a large mass of unassorted documents ~~tes~~ lies awaiting arrangement. It must be remembered that the P. W. D has undergone various transformations and reorganizations

reorganizations since the beginning of the present century, and that its very existence as a separate Department is of modern origin. The records have also been moved from place to place in consequence of these various reorganizations and changes of habitation. It will thus be a matter of some considerable time and difficulty to comply with the apparently simple request of the Chairman of the Harbour Trust Board.

If a search is to be made and accounts are to be compiled, the work ~~it~~ would best be done by a trained accountant working under the orders of the Examiner.

5. Request No. 3 – A large collection of papers was made for the purpose of compiling the abstract referred to as Item (1) above. These papers can, if ordered, be sent to the Harbour Trust Board for information. They should, it is submitted, be returned when done with, as they form part of the records of Government, of which in many cases there are no spare copies. A list will have to be made, so that the papers may be kept in view.

P.S. I think requests (1) & (3) may be complied with, & the Chairman informed that it is not possible to comply with request (2)

29.11.98

Bagwell.
A.S.H.
3.12.98

Marine (1897) Department.

8

CURRENT No. 459

Order

From
The Chairman,
Harbour Trust Board,
Madras.

No. 171

Dated 13-4-98
Despatched 15-〃-〃
Received 18-4-98
Enclosures —
Spare copies

SUBJECT.

Requesting to be favoured with any further information, on record with Government regarding the erosion of the foreshore and the protective works shown on two tracings forwarded with letter No.5458 dated 18th March '98.

~~Connected papers in circulation with H.E.~~
~~19 Apr 98~~
19/6

0/17/6/98 0/16/7/98

H8 2.11.58 // 5.12.58

BACK PAPERS.

G. O.	No.	Department.	Date.

FURTHER PAPERS.

G. O.	No.	Department.	Date.

Harbour Trust Office,
MADRAS, 13th April 1898.

No. 171

FROM

J.N.Atkinson Esq I.C.S.,

CHAIRMAN, HARBOUR TRUST BOARD,
MADRAS.

TO

W.B.DeWinton Esq,

SECRETARY TO GOVERNMENT,
Marine Department.

Sir,

Cw 357 in Cw

I Referring to my letter No.5458 dated 18th March 1898 I have the honour to request that I may be favoured with any further information, on record with Government, regarding the erosion of the foreshore, and the protective works shown on the two tracings I then forwarded.

II Plan of anchorages 1839. In this plan a rubble protective revetment apparently extends from the south east corner of Fort St George to the north of Clive's battery; and opposite the present Custom House, in 4⅓ fathoms of water, is marked a breakwater, plan and sections of which are also given separately on a scale of 40 feet to the inch.

I should be glad of information as to when this protective revetment was constructed, and its cost.

The object is obviously to preserve the fort, and the City from the erosive action of the sea; but that of the patch called a breakwater is not apparent, and any information regarding it would be of interest.

In the light of recent events, it would appear that if it was intended to join it to the beach the sand would have accumulated to the southward; but perhaps it was joined to the shore: and was not, or could not be, maintained?

III " Sketch of the Madras Beach and Groins thrown out

for

"for its protection"

On this plan, dated Ist September I855, signed by Captain H.W. Rawlins, it is noted that expenditure had been incurred upon these protective measures before I848, and that "wooden groins" had been constructed—presumably as a protection to the foreshore-so far back as I828. These works are called series I, and are shown as at the mouth of the Cooum river, and southward beyond the Chepauk palace. The cost noted aggregates Rs 30,000.

Series 2. Commences south of Fort St George, and are noted as being, at that date, I855, under construction, at an estimated cost of Rs 5I,532. This refers apparently only to the groynes, and not to the rubble revetment, which extends from south of the Fort to opposite the present Custom House. The next groyne is shown as opposite the "new light house" and the sanctioned estimate is noted as amounting to Rs 22,526.

Series 3 Apparantly consists of 9 groynes Nos. I4 to 22 extending from the "Supreme Court House" to Royapuram.

No. I4 is called Arbuthnot's groin, and is shown as opposite that Firm's present offices.

The cost is stated as follows:-

No. I4	Rs	I6,504
" I5	"	I2,36I
" I6 including Roadway	"	25,000
" I7& I8 opposite Railway	"	43,500
Total	"	97,365

The cost of Nos. I9 to 22 north of the Railway is not given.

The total cost noted on the plan is over Rs 2,00,000 for the "groins," exclusive of the "Bulwark."

Is this bulwark that known as Dr Haviland's? and did Government or the Railway pay the Rs 43,500 for the two groins opposite the present Royapuram terminus?

It is to be observed that the "bulwark" as shown in the section consists, apparently, of a retaining wall and a rubble revetment, with piles driven in at the toe of the slope.

Information as to the cost of this "bulwark" is of much importance. It is presumed that it was constructed by and at the expense of Government, and that both it, and the groynes at right angles, cost a considerable sum for maintenance and repairs.

IV I request that I may be favoured with as full particulars as are available to enable me to address Government as to the responsibility of the Harbour Trust Board for the protection of the coast line.

I have the honour to be,
Sir,
Your Obedient Servant,

J. W. Atkinson
Chairman,
Harbour Trust Board.

List of papers on the Subject of the

Telephone

C. No: 459.

SAW

Please see what information can be obtained in the P.W. Dept in regard to these old works. I suppose the Con Architect's office contains the records of the old Presidency Division.

R.G.
4 May 1898.

CAW

It does not seem possible to obtain complete information, but please see accg. papers & explanatory note.

The CA's Office was not able to help beyond giving a copy of the old Progressive papers —

SAW.

Ch

tion of this file
that it is incomplete.
There is Mr. Parkes' original
report on his harbour
design, but not the G.O.
thereon — and then there
are several G.Os on
Mr. Parkes' subsequent
reports of erosion, but
the reports× themselves
are absent. The continuity
of the papers is also
manifestly broken. Please
tell R.K. to be more
careful — and to send
me up a complete file
as soon as possible.

R.S.
11 June 98

× These are very important.
R.S.

~~R.K.~~

Saw

File resubmitted.
Several papers quoted in the
Correspondence did not refer
to the subject of the encroachments
of the Sea or to the works quoted
in the current.

2. I enclose

Tel

2a as some of the Reports
were not printed with the
orders ~~[illegible]~~ passed on
2a them.

We have had considerable
difficulty in making up this
file as we had often to apply to
the General Record Dept for
many papers which ~~were~~
on perusal found not to be
necessary; and we had
also to rely on the General
Record Dept for many of the
papers which we had not
the means to trace here.

F.J.
16/7/98

CAW

forwarded.
Hope the file
will now be found
satisfactory as far
as it goes.

C.E.
16/7/98

tion of this file
complete
original
of

the Subject of the

Telephone

From
R.K.

To the Manager
Presy. Port Office:

In ~~the~~ a plan of Anchorage 1839 a rubble protective revetment is shown as extending from S.E. Corner of Boat Club to the north of Clive's Battery. Is there anything in the records of your office showing when this was constructed and its cost? [illegible] Are there any records in your office appertaining to what is known as de Havilland's bulwark, or can you indicate any means, please, by which the records can be traced.

despatched.
7.7.982

Ok
for R.K.

the
refer
[illegible]
quoted

of the

Telephone

Manager.
P.P.O.

To. R.K.
P.W.D.

Your message of yesterday's date re rubble protective rivetment.

"No record is traceable in this office furnishing the information you require.

WR
8.7.98.

List of papers on the Subject of the Erosion of the sea near the Madras Harbour, and on the protective works.

Public Dept: E. M. C. No 688 d/ 7. July 1854 P.W.D./ E.M.C. No 233 d/ 30.5.55.	Sanctions the extension of one, and the construction of another, groyne opposite Messrs Arbuthnot & Co's premises at a cost of Rs. 7500 a 8600 Rs respectively.
Letter No 311 d/ 21. August 1855 from the Chief Engineer to the Secretary to Govt P.W.D.	Gives information as to the cost of the groynes under construction and a to the groynes newly propos
P. W. Department, Marine. E.M.C. No 689 d/ 18. October 1855.	Sanctions estimates for completing the groynes oppo Fort St George (six) and five extra intermediate small groynes.
P. W. Department, E.M.C. No 821 d/ 22. Novr 1855. Extract minutes of Consultations 18 & 19. Flagged L.	gives detailed information as regards al the groynes then completed or under construc
E.M.C. 1092 d/ 27.11.55 " 883 d/ 6.12.55	deal with Road outside the fort.
P. W. Department E.M.C. No 618 d/ 2. May 1856.	Passes orders relative to the future measu ~~for that~~ on the subj of the beach groins. Par 9 of the order as to the liabi of the Madras Ry. Co to contribute is worth of note.
P.W. Department E.M.C. No 1181 d/ 15 July 1856.	Sanctions estimate f [redacted] of Rs 21,000.

P. W. Department E. & M. C. No 816 d/ 29. May 1856.	Sanctions estimates for a beach road round the fort and two groynes to protect the beach,
P. W. Department E. & M. C. No 1669 d/ 16 Septr 1856.	Sanctions an estimate for completing the support walls of the South Beach Road at Madras.
P. W. Department E. & M. C. No 597 d/ 1. April 1857	Authorizes the immediate execution of repairs to the groynes along the beach affected by the storm and passes orders in re- the construction of a dwarf wall between Arbuthnot's and Clive's Battery groynes and of a ~~[illegible]~~ bulwark stone revetment along the face of the beach.
P.W.D. E. & M. C. 1211 d/ 22.6.57, ... 1345 d/ 13.7.57 .. .. 1917 d/ 12.10.57 .. .. 2309 d/ 11.12.57 .. .. 2351 d/ 19.12.57	Deal with the beach groins, the security of road between Custom House and Clive's Battery &c &c. ~~and~~
W.D. G.O. No 1400 d/ 19. June 1862 .. .. 2517 d/ 31. 8. 64 .. .. 3212 d/ 8. 11. 64 .. .. 174 d/ 18. 1. 65 .. .. 521 d/ 23. 2. 65 .. .. 1234 d/ 6. 5. 65 .. .. 1539 d/ 6. 6. 65 .. .. 2773 d/ 1. 9. 65.	Deal with the repair of the groynes on the North Beach, their action on the pier, &c &c –

P.W.D. Govt. $\frac{2725\text{ B}}{2725\text{ C}}$ d/ 7.11.73.	Orders on Mr Parkes' report on the formation of a Harbour for Madras.
.. G.O. 1492 d/ 15.6.76 P.W.D. Mins No 51 d/ 8.8.76.	Proposes report – Letter from Mr Parkes relative to the protection of the surf b[illegible]k of the Madras Harbour.
.. .. Govt. No 2340 d/ 1.9.76 & 2520 d/ 23.10.76	Orders relating to the groynes North of the Madras Harbour.
.. .. 389 d/ 3.2.77 & 672 d/ 28.2.77	relates to the construction of the South pier surf bank of the Madras Harbour.
.. .. 14 W d/ 4.1.78 –	Protective works for safety to private property from the encroachments of the sea –
.. .. 984 W d/ 25.2.78.	Orders for preparing estimates for ~~six~~ a fresh group of six groynes on the North side of the Madras Harbour & also for certain other works.
.. .. 1557 W d/ 26.3.78 –	Declines to entertain claim to compensation for damage to private property.
2696 W d/ 29.6.78. .. 3122 W d/ 3.8.78 –	Proposals for protecting the bea roadway North of Cemetery roa and enquiry as to how far if at a the erosions of the beach are in fluenced by the Harbour work
.. 4098 W d/ 19.10.78 .. 4466 W d/ 23.11.78	Proposes report of Harbour W Sea Encroachement –
.. 758 W d/ 13.3.79.	Mr Parkes' recommendatio in connection with the cha of the coast line North an South of the Madras Har

P.W.D. Corre. 288 W.D. 29.3.80
-- -- 1240 A.W.D. 25.5.80
-- -- 1713 W.D. 19.7.80. } Purchase of private property affected by the Harbour works.

-- -- 2720 W.D. 25.11.80 - Proper report.

-- 2823 W.D. 7.12.80. Acquisition of land along the North Sea shore for constructing a rough stone revetment to correct the erosive action of the sea.

-- 2851 W.D. 9.12.80.
-- 60 W.D. 11.1.81. } Proper Reports

-- 234 W.D. 28.1.81. Proposals for improvement of the beach & erection of jetties in the Madras Harbour.

-- 561 W.D. 1.3.81. Mr Parkes's report on the erosions North of the Harbour and the best method of dealing with them.

-- 2130 W.D. 26.8.81. Compensation for erosions North of the Madras Harbour.

-- 3106 W.D. 14.12.81. Report on the Harbour Works for Novr. 81.

-- 3186 W.D. 24.12.81
-- 601 W.D. 8.3.82 } Compensation for erosions North of the Madras Harbour.

-- 698 W.D. 17.3.82. Proposals for dealing with the erosion of the beach North of the Harbour.

-- 930 W.D. 14.4.82. Erosions North of the Madras Harbour.

-- ~~1221~~ 1720 W.D. ~~22.5~~ 8.7.82
-- 2002 W.D. 7.8.82
-- 2799 W.D. 25.10.82 } Madras Harbour Works, Certain claims for compensation. Protection of certain road from erosion.

Supplemental list of papers on the subject of the Erosions of the Sea near the Madras Harbour.

Note — The papers specified in these two statements have been embodied in one file.

P.W.D. Go. No. 2884 W.D. 15.11.81. Report by the Secretary P.W.D. on the damages to the Madras Harbour during the Cyclone of 12.11.81.

-- 2927 W.D. 23.11.81. Mr Thorowford's report on the same.

781 W.D. 23.3.82. Mr Parkes's report on the same.

-- 1009 W.D. 24.4.82. The Master Attendant's report on the same.

-- 1675 W.D. 3.7.82. Approximate Estimate for Completion of the Harbour Works (Contains abstract estimate for certain work

1694-95 W.D. 6.7.82. Mr Parkes' letter in connection with the recent damage of the Madras Harbour, & the Chief Engineer's Remarks.

2875 W.D. 12.10.83. Report by the Supdt. on the present condition of the Madras Harbour Works.

~~Note. In these papers, the subject of erosion of the sea is only incidentally touched~~

Breakwater

Public Dept.

E.I.C. No 67 of 12. June 1835 - forwards to the Court
of Directors certain correspondenc
on the subject of a Breakwa
proposed ~~for~~ to be construct
in the Madras Roads.

Public Dept.

E.I.C. No 1012 of 26. June 35. Gives permission to the work
being commenced and orders that
other assistance being afforded.

Public Dept.

E.I.C. No 323 of 13. 2. 1838. Embodies reports from Sir
Arthur Cotton and Col De Havil
on the subject of the breakwa
In this dep. Govt. decline to
incur any further expense on
account of the work "witho
more satisfactory explanati
of the cause of the expendit
so greatly exceeding the esti
mated amount."

No further papers on this subject
can be had. JJ

10/7/1895

Marine (1898

Order

With reference to the temporary appointment of Md. Abdul Aziz, it is suggested that before he undertakes the re-arrangement of the records, he might be employed to draw up the precis wanted by D.W. The linked file will show that further information is also required by the Harbour Trust Board.

If Abdul Aziz is capable of doing the precis at all, the work ought not to take him more than a week at the outside, i.e. 2 days for completing and arranging his materials, and 5 days for drafting.

C.S.

3 Sep. 98

P.S.

He would find it more convenient to work in the General Record Room at the Fort, where he would have ready access to old papers.

C.S.

I do not want the records written - they ~~might~~ should be employed in arranging the records which is much more important than the wants of the H.T.B.

5-9-98

W

Both Sir George Moore and the Harbour Trust Board ask for complete information on various points.

The first thing to be done is to gather and collate the records.

So far, I have not been able to get complete files. The accompanying abstract shows how far the work has proceeded. It is a heavy job for any Clerk with other duties to attend to, and it cannot, I think, be properly done except in the Record Room itself.

Perhaps Abdul Aziz - the only man who can well be spared - might make an abstract of

Marine (1898

Order

M. 4.
500—14-6-97.

(1) information wanted - &
(2) how far it is available in the records.

R. S.
5 Sep 98

Very well

5-9-98

S A

Please set Abdul Aziz to this work and ask the Supt. of the General Records to allow him to work in some convenient place from which he can be easily supplied with the requisite papers.

The form shown in the rough abstract herewith can be adopted.

R. S.
5 Sep 98

Marine (1898) Department.

D/O CURRENT No. 12

Order

From

The Hon Col. Sir G. W. G. Moore,
President M.C. Madras

No. –

Dated 16-6-98

Received 5-9-98

Enclosures –

Spare copies –

SUBJECT.

Erosion north of the Madras Harbour

Asking for certain information in connection with the

M. 4.
500—14-8-97.

BACK PAPERS.

No.	Date.
775 Mar	9-9-98

FURTHER PAPERS.

No.	Date.

C.No 536

C.A.W.

The papers on the subject are put up with G.O. No. 450 Marine, dated 3rd June 1898, in which a reference was made to the Advocate General regarding the liability of the Harbour Trust Board in the matter of constructing the protective works to the north of the Madras Harbour. H.C. says that the whole file with the Advocate General's reply was submitted to W this morning.

CR
20/6/98

C.A.W.

The paper referred to by you is C. No: 536 Marine, which was sent to W with a draft note for orders. It has not yet been returned by him.

M.a. 20/6/98.

BACK PAP

PAPERS.

No.		Date
775 Mar	9-9-	

C. No. 459
D/O C. No. 12

Law

Some of the papers on the subject appears to have been kept back at Ootacamund with C. Nos. 357 + 536 marine (vide slip attached to D/O C. No. 12, marine.)

Ro 650 / 3-6-98 Ro 651 / 26-7-98

may I beg of you to write to H.C. to send them down soon. The papers will be returned back as soon as done with.

W.G.
9/9/98.

H.C./O
The above refers to the file about erosion to the north of the Madras Harbour - Please send down the required papers soon, if available -

C..
9-9-98

8.T.G

BACK PAP PAPERS.

No.		Date
775 Mar	9. 9	

C: A W

The following is a list of the G.Os. which ~~are now~~ were probably removed from C. No. 459, and which are now here.

1255 W.G.	19-5-84
3633 W.G.	19-12-83
1199 W.G.	21-4-83
2704 W.G.	17-10-82
1839 W.G.	18-7-82
1037 W.G.	27-4-82
930 W.G.	14-4-82
698 W.G.	17-3-82
289 D.G.	10-3-82
2787 Mil.G.	8-3-82
601 W.G.	8-3-82
3186 W.G.	24-12-81.

For orders whether these may be sent down.

HN
13 Sep 98.

RB
13 Sep 98

Abdul Wajid Saheb

Saw

The special work on which I was engaged being over, these papers may now be returned back to Ootacamund.

WH
23/9/98.

Indexes, and collected the papers bearing on the subjects and compiled the answers therefrom.

I trust my humble efforts would prove successful in affording satisfaction.

WH
23/9/98.

OW Submitted. If these two statements are approved, they will be sent respectively to the Trust Board, & the Madras Univ.

BACK PAP PAPERS.

No. Date.

775 Mar 9-9

W

These statements throw a good deal of light on the erosion question. The groynes at the Cooum were, in all probability, to prevent the travel of the bar southwards. The remains of these can still be seen.

2. The revetments, breakwater, & groynes elsewhere are were designed either to facilitate shipping operations, or to prevent erosion, the latter caused apparently by occasional storms.

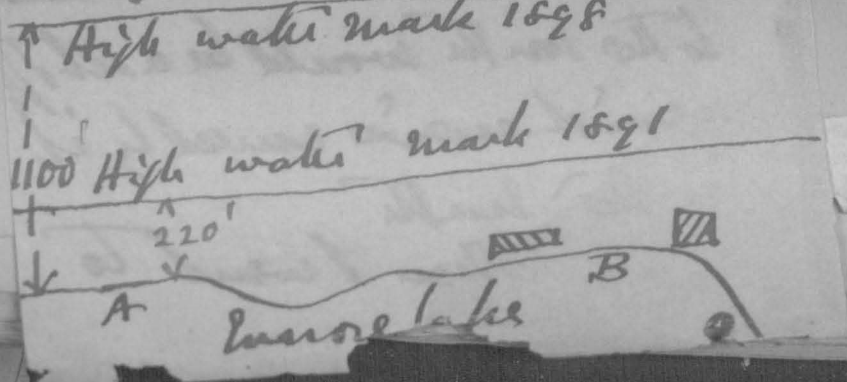
3. The papers shew that, prior to the construction of the Harbour, there was erosion to the south of it. If the harbour has, as I maintain is most certainly the case, greatly increased if not actually caused, erosion to the north of it, it has on the other hand stopped the erosion to the south. Mr Parkes, when designing it, said (to the Sea Harbour Trust, informs me) the accumulation it would cause to the south would be a set off against erosion caused by it [illegible] north.

[illegible] When I went to

(2

[illegible] in July last, in Ennore [illegible] but the order to see [illegible] opening of the bar, I found that the foreshore there had advanced 700 to 800 ~~sea~~ seawards, i.e. that between the years 1891, when I opened the bar there, & 1898, the beach had widened, between sea & backwater, 700' to 800'. Whence has this accumulation of sand come from? I imagine from the eroded beach north of the Madras harbour. The accumulation at Ennore is undoubted, the high water mark A B C of the backwater being the same in 1891 & 1898, as it is fixed by buildings &c, along it, but the width of beach there between backwater & sea being 220' in the former year & 1100' in the latter.

ACK
27-9-98.



C. No. 12. Marine — D/o letter from the President Municipal Commr d/ 16th June 1898.

…rmation asked for by the President	Reference to G. O	Subject	Remarks
…rosions consequent on the construction of the Madras Harbour Works. Papers between 3rd August 1878, and 11th October 1880 relating to — asked for.	No. 4093. W d/ 19-10-78	The Supt: Harbour Works, directed to attend to the protection of the beach to the north of the Harbour works no matter what the cause of the encroachment of the sea may be due to.	Careful search has been made for papers on the subject, and these are the only ones issued during th[illegible]terval named by the President.
	No. 4466. W d/ 23-11-78.	Question of the erosion and protection against it ordered to be referred to Mr. Parkes on his arrival in Madras.	
	No. 570. W d/ 19-2-79.	Report of progress in the sea encroachment works north of the Harbour, during January/79.	
	No. 758. W d/ 13-3-79.	Orders on report of Mr. Parkes on the subject of the erosion and protection of the shore to the north of the Harbour Works.	

M.M. 23/9/98.

27/9/98

No. 4332C

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 4-10-1898.

OFFICE NOTE.

From

DW

To

The Chairman M. H. T. Board

D 5/10/98

The accompanying précis of papers relating to the protective works mentioned in the Chairman's letter No 171 dated 13.4.98, is forwarded herewith unofficially, with the request that the Chairman will be good enough to state whether he still wishes to see the papers. This will perhaps be now considered unnecessary the liability of the Harbour Trust Board for damage caused by [illegible] and.

INDEXED

10/10/98

[P.W. 48. 3.0—23-2-97.]

0 27/9/98

[illegible] C. No 336

Madras

16th June 1898.

My dear deWinton,

I have been going into records in connection with the Harbour and erosion. G.O. 3rd August 1878 No.3122 W is an important one. I have the G.O. but no subsequent correspondence to show how far it was ascertained as to the cause of the erosions. Have you any subsequent papers?

From G.O. 11th October 1880 No. 2335 W it would appear as if the erosion had been debited to Harbour Works, for Para 11 of Thorowgoods letter, embodied in last quoted G.O. reports on Protective works to the Beach. The gap I want filled is between G.O. 3rd August 1878 No.3122 W

27/9/98

G.O. 11th October 1880 No.2335.W - Can you let me have papers?

Yours sincerely,

Geo W Moore

C.h.W. Can we supply the papers asked for - I shd like to see any that I have not yet seen

20.6.84

orth of the Harbour,
ving been determined
i G.O. No: 775 Marine d/
Septr: 1898.

(Sd) ASR

D.W

No: 4093W d/ 19.10.78
4466W d/ 23.11.78
510W d/ 19.2.79
758W d/ 13.3.79
} S.C.

when I went to

0
27/9/98

ded.

ra. 2.

(d) Protective revetment extending from the South East corner of Fort St George to the North of Clive's battery. When was the — constructed, and at what cost?	Note. No information can be had on the subject prior to 1821. This work was undertaken in 1821 under estimates prepared by General Trapaud, Chief Engineer, at a cost of Rs 7,89,095-12-4. The severe storms of 1820 damaged the existing de Haviland's bulwark and endangered the sea face of the Fort to such an extent that the military Board pressed for emergent repairs. Opportunity was also taken to construct two new Bulwarks, one from the Fort to the South end of the existing Bulwark, and the other from the north termination of the existing Bulwark to Clive's battery — for	Report of Captn Cotton. R.E., Civil Engineer, 3rd Dn, dated 11th November 1837 submitted to the Breakwater Committee. Flag - A. also Letter to Government No 359 d/26th September 1820. ~~File marked I~~	
	the better security of the beach from encroachments of the sea. Sanction of Government to the undertaking was granted in Mily: Cons: No 34 dated 8th March 1822. *		* Original papers not available in the General Record Department, but the Consultations ~~is~~ are contained in the Proceedings Volume.

ra.
ra. 2
(a

(b) Breakwater opposite the Custom House. What was the object of the construc= =tion of — ?	To provide a safe and commodious anchorage for ships and to facilitate the shipping operations at the Port. It was designed by Captn. A. T. Cotton, at a cost of Rs 60,000, and recommended by the Breakwater Committee, and at a Public meeting held in June 1835 it was resolved to carry out the work from Public subscrip= =tions, Government helping with implements, Convict labour and Professional supervision. Government sanction for the commence= =ment of the work was given in Consultation dated 26th June 1835, No. 1012.	Observations by Captn. Cotton R.E. Flag - B. vide also ~~File marked~~ II

and.

ra.

ra. 2.

(a

(c) Breakwater

Was it intended to join the — to the beach, and if so, why was it abandoned?	No - It was ~~intended to~~ constructed in a straight line at the back of the surf parallel to the shore at a distance of 350 yards. It was possibly through want of funds it was not maintained as the work was constructed from funds (Rs 41,000) raised by Public subscriptions. There was, however, much correspondence subsequently on the necessity for a Breakwater which, culminated in the construction of the present Harbour Works.	Letter from the Breakwater Committee to Govt: d/ 18th December 1837. Flag - C ~~vide also File marked II~~

and.

18

ra

a - 3

(a

Sketch of the Madras Beach and groins thrown out for its protection.		
Series- No. I		
Wooden groins at the mouth of the Cooum river and Southward beyond the Chepauk Palace.	These groins known as the "marine Villa Groins" were thrown out for the protection of the beach and the Chepauk Palace and adjacent buildings as also for the improvement of the communication to the Railway Terminus and town of Royapuram:—	Account of groins by Captn Rawlins dated 1st September 1855 embodied in E.M.C. No 821 d/ 22d November 1855. Flag — D
Information required as to particulars and cost of construction of the —.	3. wooden groins opposite the Chepauk Palace & buildings constructed in 1838 ... ₨ 7093 Stone groin No. 1. constructed in 1844 ..... " 3138 — Do — No. 2, 3 & 4, constructed in 1848 @ ₨ 3,255 each ...... " 9765 — Do — No. 5 constructed in 1848 .... " 3,272 Realignment of No. 5 ... " 2,504 — Do — No. 6. Constructed in 1849 ...... " 2836 ₨ 28,608	vide also P.W. Consultation d/ 2d May 1856 No. 618. ~~File marked~~ III

and.

18

a - 3

Series - No. II

Information required as to particulars & cost of construction of the following:— a) Groins South of Fort St. George.	These groins were found necessary to protect the sea face of the Fort and a sum of Rs 51532 was sanctioned by the Govt: of India for the construction of three large groins in 1855, but on the representation of Col: Faber, the Chief Engineer, that greater benefit would be secured by the substitution of smaller ones his proposal was approved and accordingly 6 small groins were constructed 3. Primary groins each 90 yds: long } Rs 11,054 3. Intermediate groins each 45 yds: long } 6	Account of groins by Captn Rawlins dated 1st September 1855 embodied in E. M. C. No 821 d/22-11-1855. Flag - E also. E. M. C. d/18 October 1855 No 689 Public Works Consultation No 816 d/29 May 1856. ~~File marked IV~~	This does not refer to the rubble revetment mentioned in para - 3 (Series - 2) of the Chairman's letter. Two small intermediate groins between No 11 & 12 at a cost of Rs 4000 to secure an ample beach road at the N. E angle of the Fort were also sanctioned in G. O. d/29-5-56 No 816.
(b) Light-house groin.	The construction of this groin at an estimated cost of Rs 22,526-4-7 was much needed for creating a beach for facilitating the embarkation and debarkation of troops & Govt: stores, & for the convenience of the Public generally. It was originally intended to construct it to a length of 150 yards but this was subsequently reduced to 100 yards as it was found necessary, on account of its isolated position, to connect it with a short groin of 60 yards opposite to Messrs: Parry & Co's office. An expenditure of Rs 1580 was incurred on the work.	— Do — Do — Flag. F	

and.

18

Series - Nº III

Groins extending from the Supreme Court House to Royapuram.

Information required as to particulars and cost of construction of the following:—

Nº 14. Arbuthnot's groin.	This groin as also Nº 15 were constructed for the same purpose as the Light-house groin. In 1852 it was thrown out to a length of 80 feet at a cost of Rs 2,761 Extended in 1854 to 100 yds: — " 6,243 Further extended in 1855 to 150 yds: " 7,500 Rs 16,504	Account of groins by Captn Rawlins d/ 1st September 1855 embodied in E.M.C. Nº 821 d/ 22-11-55. Flag - G	
Nº 15. Custom House groin.	Constructed 80 feet in length in 1852 at a cost of —— Rs 2,761 Extended to 80 yds: in 1855 - - " 9,600 Rs 12,361	also. E.M.C. d/ 7 July 1854 Nº 688 — " — ~~File~~ V	Nº 15 & 16 A dwarf groin between these was rendered necessary owing to the encroachment of the sea & its construction was sanctioned by Government in P.W. Consultation d/ 13 July 1857 Nº 1345. Vide Flags. H & I
Nº 16 Clive's battery groin,	The roadway between the Custom House and the Railway Terminus at Royapuram being found very inadequate the Government on the recommendation of the Consulting Engineer sanctioned its improvement by means of groins and the project was sanctioned at a cost of Rs 25,000. An expenditure of Rs 5,178 was incurred in 1855 leaving the balance for its completion & for further operations.	— Do — Flag - H — Do — Flag - I ~~File marked~~ VI	
Nºs 17 & 18. ~~Opposite~~ the Railway terminus.	These groins were required for securing a better roadway between the "Boatmen's gate" (Clive's Battery) and the Southwest Corner of Royapuram. In 1855 an estimate of Rs 43,037-3-3 was sanctioned but the work was not put in hand.	— Do — Flag - J	
Nº 19 to 22. North of the Railway	Five groins of 40 yards in length each at a total cost of Rs 21,000 were sanctioned by Government to prevent encroachment of the sea.	— Do — Flag - K P.W. Consultation Nº 1181 d/ 15 July 1856.	

ra. - 3

(c Bulwark connected with the groins. Is this known as DeHavilands', and what is its cost, and who paid for the two groins opposite the present Royapuram terminus?	20 - DeHavilands' bulwark existed at the time the Protective works referred to in Para. 2 of the Chairman's letter were constructed. Further Government would not entertain the suggestion made for the removal of stones from DeHavilands' bulwark for use on the Protective works. Some repairs, however, were executed to such portions of DeHavilands' bulwark as were damaged by the storms of 1820. As regards the two groins, the expenditure was borne by Government as they could	Vide File put up for reply to Question marked (a) in Para. 2 of the Chairman's letter.
	not concur in the opinion of the liability of the Railway Company to share in the cost and saw "no reason why "the Company alone of all "Commercial bodies and persons "in Madras should be called "on to contribute towards a "general measure authorised "by Government for the Public "good."	P.W. Consultation No. 618 d/ 2d May 1856. ~~File marked~~ ~~III~~

wh 23/9/98.

and.

Enclos 2
1835/98

No. 4333C.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 4-10- 1898.

OFFICE NOTE.

From

D.W.

To

The President, Madras Municipal Commission

The undersigned is directed to inquire, unofficially, whether the President still wishes to see the papers mentioned in his D.O. letter to Mr. deWinton of 16th June 98, regarding the Harbour and erosion. The liability of the Harbour Trust Board for damage caused by erosion to the north of the Harbour was determined in G.O. No. 775 Marine d/9th Septr. 1898 and

Desptd 5/10/98

INDEXED.

(48—1,000—17-12-95.)

16/10/98

and nothing more is perhaps now required.

(Sd) ASK

DW

Public Works (1898) Dept. Current No. 8377

Recd. 8. 10. 98

1898-99.

MUNICIPALITY OF MADRAS.

GENERAL DEPARTMENT.

From The under Secretary to Government P.W.D

Dated 4
Received 6 } October 1898
Answered 7

Enc.

Reference No. 4333 C.

Subject.

Enquiring whether the President still wished to see the papers mentioned in his D.O. to Mr. de Winton of 16 June 1898. the question of liability of the Harbour Trust Board for damage caused by erosion to the north of the Harbour having been determined in G.O. No. 775. Marine of 9. 9. 98.

No. 4471 C d/11-10-98

G. No. 481

Municipal Office,
Madras, 7 October 1898.

The Under Secretary to Government, P.W.D is informed with reference to his Office Note No. 4333 C, dated 4 October 1898, that under the circumstances the under signed does not require any of the papers.

Moore Lt. Col.
President, Mun. Com.

C

Recorded.

A S K

11. 10. 98.

note. Reply from the Harbour Trust Board is still due.

R. C. W.

DW

[illegible]ED.

12/10/98

and
hap

Corner not to be used.

No: 4332 C d/ 4.10.98
775 Mar: d/ 9-9.98 (SC)
4093 W d/ 19.10.78 (SC)
4466 W d/ 23.11.78 (SC)
570 W d/ 19.2.79 (SC)
758 W d/ 13-3-79 ~~(SC~~

Marine (1898) Department.

CURRENT No. 8524

No: 4576 C d/ 17.10.98.

Order

Memo.

With reference to his letter No. 2619 dated 11th October 1898, the Chairman, Harbour Trust Board, is requested to be good enough to return, for reference, the precis forwarded with this Office Note No. 4332 C dated 4th October 1898, no copy having been kept.

ACK
17-10-98.
DW.

To
The Chairman, H.T. Bd. R 14/10/98

18/10/98

From
The Chairman,
Harbour Trust Board,
Madras.

No. 2619

Dated 11—10—98
Despatched 12— —
Received 13.10.98
Enclosures
Spare copies

SUBJECT.

Protection of the foreshore north of the Harbour

Replying to note dated 4th October from the Under Secretary to Government P.W.D. and requesting to favour the Trustees with certain information asked for in letter No. 2358 dated 22nd September 1898 also that the papers forwarded to Government may be returned.

8377. 4471C

BACK PAPERS.

G. O.	No.	Department.	Date.
	4471C	P.W.	11.10.98
	4332C	〃	4-10-98
	775 Mar.	〃	9.9.98 (SC)
	4466W	〃	23.11.78 (SC)
	4093W	〃	19.10.78 (SC)
	510W	〃	19.2.79 (SC)
	758W	〃	13.3.79 (~~SC~~)
	+ 2 big files on 2 different boards		

FURTHER PAPERS.

G. O.	No.	Department.	Date.

Harbour Trust Office,

MADRAS, IIth October 1898.

No. 2619

FROM

J.N.Atkinson Esq I.C.S.,

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

To

W.B.deWinton Esq,

SECRETARY TO GOVERNMENT,

Marine Department.

Sir,

I have the honour to acknowledge the receipt of office note No.4332 C dated 4th October from the Under Secretary to Government Public Works Department forwarding to me unofficially a precis of papers relating to protective works mentioned in my letter to you No.I7I dated I3th April I898, and requesting me to state whether I still wish to see the papers, as the liability of the Harbour Trust Board for damage caused by erosion to the north of the Harbour has been determined in G/O No.775 Marine dated 9th September I898.

× 4332-33C
4-10-98
Flag M.

2. I would request that I may be allowed to make use of the information conveyed in the above office note officially, and that I may be favoured with a statement showing all sums spent in each year by Government from the beginning of the present century up to I876 upon protecting the foreshore of Madras within present Municipal limits, as requested in my letter No.2358 dated 22nd September I898.

Flag N

3. I also request that the records asked for in para I of my letter No.714 dated I3th May I898 may be furnished to the Board for information, as so far the Trustees are not aware upon what evidence Government has based its order No.775 Marine holding the Trust responsible, and I submit that all papers I have placed before Government, and those

Flag T.

Flag W.

referred

referred to in the office note under reply, tend to show that a considerable annual expense has been incurred on the protection of the Madras foreshore from the earliest years of this century; and it seems unreasonable to charge on Harbour Trust revenues, which are drawn from the pockets not of the Mercantile or any other class in Madras alone, but of the ultimate consignees and consumers of goods imported and exported, very many of them in remote upland districts and others even in foreign countries, the whole cost of protecting the foreshore of the most insignificant quarter of Madras city.

I have the honour to be,
Sir,
Your Obedient Servant,

J. W. Atkinson.
Chairman,
Harbour Trust Board.

Secy.

Marine ~~Public Works~~ (1898) Department.

CURRENT No. 1328

Order

From The Examiner, P. W. Accts.
Madras

No. 3550 B/B

Dated 19th October 1898

Received } 20-10-98
Registered }

Enclosures One

Spare copies

SUBJECT.

Foreshore of Madras City — states that no information is available as to the cost of protecting —

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.
497 E	29-9-98		

---

a/3 B

Marine (1898) Department.

CURRENT No. 1209

EXAMINER,
P. W. ACCOUNTS.
1-OCT.1898
No.........................

No. 497 E of 29th September 1898

To C

~~Order~~

Please furnish this information, if it is available

R.S.

22/9/98

From
The Chairman,
Harbour Trust Board,
Madras.

No. 2358

Dated 22nd September 1898

Despatched

Received 27-9-98

Enclosures

Spare copies

SUBJECT.

Foreshore of Madras City.

Soliciting that a statement may be ~~submitted~~ furnished showing all sums spent annually by Government from the beginning of the present century on protecting the — ×

No. 3550 B/B dated 19th October 1898.

To
W.

This Office was apparently constituted in 1863-64 from which year the books up to the year 1876 have been looked up. There seems to be nothing to show that any sums were spent during that period on "Protecting the foreshore of the Madras City within Municipal limits".

2. The inference therefore is that any work that may have been done in this connection must have been done by other than P.W. Agency. A reference to some of the old books in the Secretariat Library might throw some light on this subject. +

+ The information required from the beginning of "the present century" is thus only partial & inconclusive.

R.S.
21 Oct 98

D 19.10.98

C.
[illegible]

BACK PAPERS.

G. O.	No.	Department.	Date.
[illegible]			

FURTHER PAPERS.

G. O.	No.	Department.	Date.

EXAMINER,
P. W. ACCOUNTS.
11-OCT.1898
No.

Harbour Trust Office,

MADRAS, 22nd September 1898.

No. 2358

FROM

J.N.Atkinson Esq I.C.S.,

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

To

W.B.deWinton Esq,

SECRETARY TO GOVERNMENT,

Marine Department.

Sir,

I have the honour to request that I may be favoured with a statement showing all sums spent annually by Government from the beginning of the present century up to 1876, upon protecting the foreshore of Madras city within present Municipal limits.

I have the honour to be,
Sir,
Your Obedient Servant,

J. N. Atkinson
Chairman,
Harbour Trust Board.

Secy.

Encls
Nos
1328/98

Marine (18

Order

C. No 1328

Abdulaziz

(1) Please look up old books, as suggested by C.

(2) Did your researches among old papers recently in connection with your precis — throw any light on the matter?

N.J.
21 Oct 98

Caw

1. I respectfully beg to state that I looked up such books in the Library as would be likely to afford the required information, but was unable to obtain any particulars.

2. I also looked up the old papers which I lately got up in connection with the precis required for the Harbour Trust Board, but even these do not contain the information required.

P.T.O.

25/10/98

R.K.

I asked you to get up information as to what became of the old accounts of public works in Madras. Please note the result.

R.S.
25 Oct 98

C.A.W.
25 Oct 98

I have asked Mr Lewis of the Cons. Architects office about the old papers relating to Civil Works in the old Presidency Divn. He tells me that the C.A. is still receiving the papers in instalments from the Military Works Dept. and that he does not think he has received any papers earlier than 1870. I will endeavour to let you have all the further information I can get up on the subject of old accounts papers this evening or tomorrow.

F.J.
25.10.98

Marine (1898) Department.

CURRENT No. 1335

Order

From
The Chairman,
Harbour Trust Board,
Madras.

No. 2731

Dated 19—10—98

Despatched 20—″—″

Received 2

Enclosures 2

Spare copies

SUBJECT.

Returning the precis forwarded with office note P.W.D. No.4332 C dated 4th idem, as requested.

BACK PAPERS.

G. O.	No.	Department.	Date.
	4976c	Marine	29.9.98
	4576c	Rv. D.	17.10.98
	4471c	..	4.10.98
	4332c	..	4.10.98
775		Marine	9.9.98 (G.O.
450		..	3.6.98
758W		Rv. D	13.3.79 [illegible]
510W		..	19.2.79. S.C.
"	651	Marine	26.7.98
.	560	— D —	19.8.96
.	368E	- D -	21.7.96
.	340E	- D -	30.6.96
"	296	— D —	29.4.96
"	426W/W + 4/426W	Ma.	16.2.91 S.C.
.	698W	Cha.	17.3.82.
.	758W	-	13.3.79.
.	718W	-	11.3.79
.	4466W	.	23.11.78

FURTHER PAPERS.

G. O.	No.	Department.	Date.

No. 4332 C

Government of Madras.

Public Works Department.

Madras 4th October 1898.

Office Note

From

The Under Secretary to Government,
Public Works Department.

To

The Chairman,
Madras Harbour Trust Board.

The accompanying precis of papers relating to the protective works mentioned in the Chairman's letter No. 171 dated 13-4-98, is forwarded herewith unofficially, with the request that the Chairman will be good enough to state whether he still wishes to see the papers. This will perhaps be now considered unnecessary, the liability of the Harbour Trust Board for damage caused by erosion to the north of the Harbour, having been determined in G.O. No. 775 Marine, dated 9-9-98.

Signed A. S. Russell,
Under Secretary to Government

Mad Sudso1 / 1335/98

Harbour Trust Office,

MADRAS, 19th October 1898.

No. 2731

FROM

J.N.Atkinson Esq I.C.S.,

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

TO

W.B.deWinton Esq,

SECRETARY TO GOVERNMENT,

Marine Department.

Sir,

I have the honour to acknowledge the receipt of ~~your~~ memo No. 4576 C Public Works Department dated 17th October and to return herewith as requested the precis forwarded with Office note P.W.D.No.4332 C dated 4th idem.

Flag D

x Flag/M

I have the honour to be,

Sir,

Your Obedient Servant,

J.N. Atkinson

Chairman,

Harbour Trust Board.

Secy.

CAW.

Prior to the formation of the Public Works Dept, in 1858, all public works were managed by three independent departments.

(1) The Maramut under the Board of Revenue had charge of all Rds. Bridges Canals &c in the Mofussil

(2) Trunk Road Dept.

(3) Engineering Dept of the Military Board which had charge of all works in the Presidency Town, and the Cantonments.

On the formation of the P.W.D in 1858 the Chief Engineer had control of the audit of accounts in addition to his own duties This practice continued in force till 1863 or 64 when a separate x office was formed for the audit of P.W. Accts. On the formation of the latter office all papers connected with Account matters in the Chief Engineers office were distributed among the several 'Districts' to which

x Controller (Subsequently Examiner) of P.W. Accts.

they related – those connected with Madras being sent to the Presidency Dn. which subsequently became the Presidency Division.

On the formation of the Military Works Dept. in 1890-91 the Presidency Division ~~abolished~~ which included all works in Madras, & the Military Works at Bangalore, was abolished; and the Consulting Architect was placed in charge of all Civil Works in the Presidency Town.

All the records of the old Presidency Dn. appear to have been taken over by the Military Works Dept, for those relating to Civil Works in the Dn. have been for some time past and are still being sent to the Cons: Architect from Bangalore, & by the Military Works Department.

From enquiries made I learn no papers earlier than 1870 have been received in the C.A. Dn. from the Military Works.

The Chairman Harbour Trust Board now asks* for a statement shewing all sums spent annually by Govt. from 1801 to 1876 upon

*C.N.° 1209 Marine

protecting the foreshore of Madras City within the present municipal limits – and the Examiner reports there is no information on the subject in his books from 1863-64 (the date of formation of his office) up to 1876.

We will have to look for the required information to

(1) from 1801 – '58 Genl: Revn Dept. Irrn.

(2) 1858 – 63 – Cons. Architect's Office, – a doubtful source.

(3) ~~Hon Examiner~~ & 1863 to 1876 – The Examiner P.W. Accts – who, as stated above, has already reported that no information on the subject can be traced in his office.

J.J.
26.10.98