

- (1) பக்கங்களின் எண்ணிக்கை 24
 (2) புதுக்கித் திருப்பிய நாள் 11/9/0
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 60

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

125

PWD துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>1942</u>	அச்சகம் பலவகை
நாள் : <u>14-7-1891</u>		198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

12 Shali

Memo on

Cruz Milagre.

1942
1

The Groyne marked P on plan (submitted) opposite Cruz Milagre is now cut off from the shore by the encroachment of the sea, and it is a question whether this Groyne should not be extended in shore, my opinion is that it should be done as soon as possible or at least be completed before the commencement of the S.W. Monsoon of 1890.

for -

It may be argued that according to the plan this Groyne has been cut off from the shore during the last five years, that no harm has resulted and that the coast line of 1889 opposite Cruz Milagre is better than it was in 1885 further, that the sea breaking over the spit of land between the sea and the lagoon does good as it tends to silt up the lagoon and so reclaim a most valuable piece of land for the planting of coconut trees, this is all

Very

very well as long as the spit of sand
between the sea and the lagoon exists
but remove any portion of it, and the
sea and the lagoon would be joined.

That the Gyne Puker in order
does good there can be no doubt, as
we have only to look at the Coast line
in 1878 to see the result. 1902/2

It must be remembered that
for the last 5 or 6 years the S.W. monsoon
has set in comparatively mildly, and that
we have had more really very bad weather,
the Korrakel mud Bank is I think a true
test of this. Given a heavy sea with strong
wind from the S.W. and the greater
part of the mud Bank in shore would
disappear with the result that there would
be very bad weather all along the Coast.

Lichoo
October 11th 1889.

[Ed] H. H. Hudson
Chief Engineer
Cochin Government.

[True copy]

[Ed] C. Thiruvethala Chavira
Duran

[True copy]

Resident

11/6

402 1889
25 MAY 91
FOURTH CIRCLE

SUPR. ENGINEER'S OFFICE
NO. 1
6 MAR 90
FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE
No. 1
11 MAR 90
P.W.D.
WEST COAST DIVISION

Mar No 1076

No 130

Resident's Office,

on Engr. Cochin 19 Oct 1889

From

J. C. Amington Esquire

Residents in Travancore and Cochin

To

The Honble J. F. Price

Chief Secretary to Government,
Fort St. George.

Sir,

With reference to Government
order 8 Oct 1889 no. 425, I have the
honor to forward copy of a memo
by the Chief Engineer Cochin State
on the condition of one of the groups
near the Cruz Nilagga together with
the original plan which accom-
panied it.

In my opinion it would be
advisable to extend the group inland
as suggested by Mr. Hudson.

I have the honor to be
Sir,
your most obdt. Servt.

Amington
Resident.

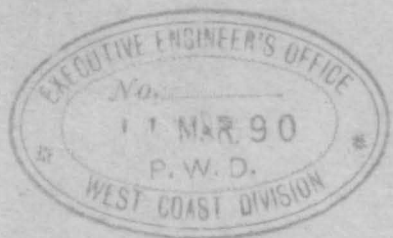
Mar 1076/89
1

Mar: 5-10-89: 425 with
Pl: 19-10-89: 146 R.
- 12-10-88: 73/1 mi
- 14-7-88: 465 mi.

25 October 89

Referred to the
Presiding Post Officer
for remarks

(By order)
Assistant Secy



Marine 10/10/89

Marine 1889
Political Department.

From
The Resident in Travancore & Cochin,
To
The Chief Secretary to Government,
Fort St. George.

Dated 19th October 1889
Received

No. 130
Enclosure. 2 including plan



Cruz Milage

Forwarding copy of a Memo.
from the Cochin Chief Engi-
neer on the condition of one
of the Groynes near with
original plan

Marine 1189

No. 187
504 G

Heading.

PRESIDENCY PORT OFFICE,

Madras, 27 November 1889.

Cochin Groynes. From

THE PRESIDENCY PORT OFFICER,

MADRAS.

To

THE CHIEF SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

FORT ST. GEORGE.

SIR,

With respect to Marine
Department Reference, dated 25th
October 1889, forwarding, for any
remarks I might have to offer,
a Memo. by Mr Hudson, the Chief
Engineer of the Cochin State on the
condition of the groyne marked **P**
on the accompanying plan of the
Coast line in the vicinity of the
Cruz Milage Gap. I have the honor
to state, for the information of
Government, that having lately
visited the spot I found that the
Coast line had extended since the
date of Mr Hudson's visit, and now
is

is in touch with the inner end of
the groyne. There appears therefore,
in my opinion, no necessity to extend
the groyne in the manner proposed
by Mr. Hudson, and in this view
the local Port Officer, who has
attentively watched the effect of the
sea on the coast line for some years
past, concurs.

2. The papers forwarded for my
perusal are herewith returned.

I have the honor to be,

Sir,

Your Obedient Servant,

H. A. Theet

Captain & His J. M.

Presidency Port Officer.

1242
6

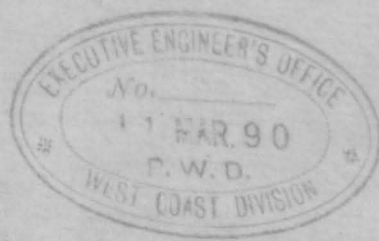
428- 11-10-89
 146- 19-10-89 R. 1st
 99- 15-2-89 M.
 61- 14-2-89.
 210- 27-4-89
 170- 2-2-89.

27th December 89

Forwarded to the
 Resident in Travancore
 and Cochin
 for favor of the opinion
 of Mr. Hudson.

Indirectly
 Chief Secretary.

7455/91
 7455/91



Marine No 1189
 Marine (1889) DEPARTMENT.

From
 THE PRESIDENCY PORT OFFICER,
 Madras,
 To
 THE CHIEF SECY. TO GOVERNMENT,
 MARINE DEPARTMENT,
 Fort St. George.



Dated 27th
 Received 28th November 1889.

No. *CM 1076*

Subject.

Stating that there is no
 necessity for extending the
 Groyne as the coast line in
 the vicinity of the Cruz
 Milaghe Gap now touches
 the inner end of the Groyne.

Forwarded

No 87.
 Chief Engineer's Office
 Trichoor
 24th January 1890
194/7

To
 The Dewan of Cochin
 Ennakulam

Sir,
 With reference to your No
 Letter from the 2288 of the 13th Ultimo, forward
 British Resident
 to the following copies of papers from the
 Letter from the British Resident in reference to
 Presidency Port
 Officer, Madras the Groyne at Cruz Milaghe
 to the Chief
 Secy to Govt. and my reply No 932 of the 14th Ultimo.
 Marine Dept.
 I have the honor to inform
 you that I visited Cruz Milaghe
 on the 15th Instant and found
 that the sea has considerably
 receded since my last inspection
 on the 7th October. The Groyne
 is now buried in sand, and
 only two or three of the tops of the
 stones are visible at low tide,
 from the eastern end of this
 Groyne to the present H. W. Mark
 on the beach is about forty
 feet.

feet, during the S.W. Monsoon
the distance from E. end of the
Groyne to H. W. Mark measured
upwards of one hundred feet,
and the sea was washing the
coconut trees.

By raising and extending
the Groyne in shore as previously
suggested the sand now accumu-
lated (forming the extra length
of beach) might to a certain
extent become permanent, but
if this is not done it will proba-
bly be washed away again during
the Monsoon.

This besides being the last
Groyne north of Tycoon is the
protective Groyne to Cruz Mila-
gre, all the others extend some
distance in shore and I am
still of opinion that it would
be safer to raise and extend this
Groyne E. in shore to about
a distance of one hundred
feet, or to the level of the

H. W. mark during last Mon-
soon.

I have &c
/sd/ H. W. Hudson
Chief Engineer

/True copy/

1942/8
/sd/ C. Shriventkatachari
Dewan.

/True copy/

Rasou

Asst. Resident for
Resident.

J.S.
4/10



Recd no 103 of 90

Marine C No 103

Resident's Office,

No 26.

Tiruvandrum, 1st February 90.

From

J. C. Harrington Esquire

Residents in Travancore and Cochin,

To

The Honble J. Crose

1942/9

Ag. Chief Secretary to Government,
Fort St. George.

Sir,

With reference to your Endorsement dated 4th December 1889 on the Presidency Port officer's letter regarding the Groyne in the vicinity of the Cruz Milagre Gap, Cochin, I have the honor to forward herewith Mr. Hudson's opinion on the subject received from the Duwan of Cochin. I have the honor to be

Sir,

your most obt. Servt.

J. C. Harbison

Asst. Resident for Resident

J.S.



Marine Department.



1942/10

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper:—

From the Resident in the Travancore and Cochin, dated 19th October 1889 and 1st February 1890 Nos 130 and 26, respectively.

From the Presidency Port Officer, dated 27th November 1889 No. $\frac{187}{504}$ G.

Order of 25th February 1890 No 71.

The papers will be forwarded to the Public Works Department with the request that early steps may be taken for raising and extending the groynes as recommended by Mr. Hudson.

2. The Resident will thank Mr. Hudson for the trouble he has taken in the matter.
(True Extract)

A. Hutterworth.
Ag. Asst. Secretary.

To
The Public Works Department, with the papers
- Presidency Port Officer
- Resident in Travancore & Cochin.
2/10

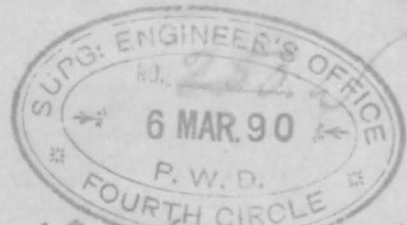


1942
11

R-9-55

82
7035/91

Govt. of (18) Madras.



N^o. 1162. C of 4 March 90

To

The PWD



Recd 27-2-90.
Encs 6 (one plan).

Proceedings, dated 28 February 1890
No. 71.

Subject.

Forwarding to the PWD
certain papers re the
groynes in the vicinity
of the Cruz Milagre
Gap Cochin mth re.
-just that early steps
be taken for raising
and extending the groyne

Quadrant - Kachinay Loc. re.
Ag. print for before
Board

WCH
1.3.90



End. recd

1942
12

368
24 of 11-7-91. Encl 7

Returned to the Chief Engineer
M.H. as the subject has been finally
disposed of. See estimate amounting to

No. 710 received on the P.O. of 1062.40 of
19th ultimo has been sanctioned by the
undersigned and the work is in progress.

Amended. Machinery
Sd/- Engineer H. F. Cane

RECEIVED No. 7435 ✓

Recd 13-7-91
Enc 7

No. 1942 w 2/14 July 1891
B

Recorded

(12)

ous
13-7-91

Exc 10/7 17/7