M.R.O. 14—13,000—27-9-24

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 961 Press ~~Mis.~~

Dated 18. 4 1868.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
15th April 1868.

No. 238. Read the following Proceedings of the Madras Government in the Marine Department:—

Passing orders on a letter from Captain J. Castor, submitting a plan of the Vypeen Coast, showing the position of the groynes necessary to be constructed for its protection, as well as that for the Cochin Harbour. } (Here enter 1st April 1868, No. 107.)

No. 239. ORDER THEREON, 15th April 1868, No. 961.

Miscellaneous. Ordered to be recorded.

(True Extract.)

(Signed) F. BRANDT,
Under Secretary to Government.

Exd. S. T. Augustin.

Proceedings of the Madras Government, Marine Department, 1st April 1868.

No. 4. Read the following letter from Captain J. CASTOR, Master Attendant, to the Chief Secretary to Government, Fort Saint George; dated Cochin, 23rd March 1868, No. 49.

In continuation of my letter of the 13th instant, No. 42, I have the honor to submit a plan of the Vypeen Coast, showing the position of the groynes necessary to be constructed for its protection, as well as for that of the Cochin Harbour.

2. It will be observed that of the groynes proposed to be constructed on the Coast, only one, and the most important one, has to be laid in British territory; and as this is the point on which the action of the sea is greatest, I have resolved to extend the groyne to 200 feet. I purpose sinking boats laden with stone in the formation of this groyne, if the process can be effected at a reasonable cost. The position of all the other groynes will be in the territory of His Highness the Rajah of Cochin.

3. The groyne proposed on the face of the Cruz Milagree Gap is intended to silt up the channel formed there, which is unquestionably a permanent source of evil to this harbour; the divergence of a large volume of the tidal stream through this outlet, necessarily diminishing the scouring power through the ship channel, and consequently tending to its progressive deterioration.

4. I have carefully sounded along the shore on both sides of the harbour, and find that the depth of water is somewhat greater than when examined in October last, at which period the groynes might have been laid not only with less cost and much less difficulty, but a smaller extension of the work seaward would have been sufficient to secure the object in view, when some portion of the beach still remained. The groynes would, moreover, have exerted their resisting influence further out from the town.

5. The fair season having nearly passed away, there is a ground swell, and a surf which breaks close in shore, to contend against. This will be aggravated by the setting in of the least bad weather; and the appliances necessary to lay down the stones must consequently be of increased strength. I anticipated this difficulty so far back as October last, when I urgently represented the necessity of any work undertaken for this purpose being completed before March or April.

6. My preliminary arrangements are nearly completed, and I hope soon to be able to commence the work now sanctioned.

7. As a question must naturally arise as to the protection which these groynes will afford the Sirkar territory, I beg to be permitted to offer a few observations. The line of demarcation tween the British and Sirkar territory is clearly defined in the plan, from which the far eater extent of coast lying within the Rajah's limits will be at once obvious. The ulterior vantages that might accrue from the remedial measures to be adopted on this coast, must be perienced in no small degree by the Cochin State; whilst, the devastation that is gradually pping the material resources of the place, and desolating hundreds of homesteads, cannot but proportionately prejudicial to its best interests. It is unquestionable that the main interest of vernment, in taking action in this direction, must centre in the conservation of this harbour; where the remedies to be effective involve extraordinary expenditure, and the results to be ieved are fraught with immense collateral benefit to the neighbouring State, it remains for rnment to determine whether that State may not be fairly called upon to co-operate in meeting inevitable outlay.

8. I beg to solicit that the Resident might be requested to move the Cochin and Travane Sirkars to afford the needful facilities for the removal of stones from those territories.

---

5. ORDER THEREON, 1st April 1868, No. 107.

The works proposed to be executed *within the British territory* are in accordance with the ntion of Government, and will be carried out by Captain Castor under the Orders of Governt, dated 10th and 26th March 1868, Nos. 84 and 103.

Proceedings of the Madras Government, Marine Department,
***1st April* 1868.**

2. The question of the extension of operations by the construction of groynes within the territory of the Cochin Sirkar had better be postponed, until the effect of those in the British territory has been ascertained.

3. The Resident in Travancore and Cochin will be requested to secure the necessary facilities for procuring stone for the sanctioned works from the territory of the Sirkars.

(True Extract).

Chief Secretary.

To the Superintendent of Marine.
" Master Attendant, Cochin, with two plans returned.
" Resident in Travancore and Cochin.
" Collector of Malabar.
" Public Works Department.
" Revenue Board.
" Accountant General.
" Revenue Department. √

RECORDED. 82-961

15 Sept 68

Exd. F. R. Bantleman,

Revenue 1868 Oct^r
Proc^s of Govt dated 1st April
No. 1149

Proceedings of the
Govt Marine
Oct^r

Dated 1st April
Received 6th " 1868.

No. 107.

RECORDED.

Passing order on a
letter from Capt^n Taylor
submitting a plan
of the Vypeen Coast
showing the position
of the groynes necessary
to be constructed for
its protection as well
as that for the Cochin
Harbour
No. 901 - 15th Apl
With order

No. 2387239