M.R.O. 1—10,006—28-2-50.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works. DEPARTMENT

G.O. No.	3154	Press
~~B.P. No.~~ 99-100.		~~Mis.~~
Dated	6-11-1874.	~~195~~ .

Not to be folded or roughly handled

No. 99. Read the following letter from Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Madura, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Paumben, 22nd September 1874, No. 2,684 :—

One Statement.

ADVERTING to G. O. No. 2,241, of the 14th August 1874, I have the honor to report, for the information of Government, after personal examination and inspection, that the expenditure on the floating plant at Paumben is applied strictly for the purposes for which it has been sanctioned, both as regards new supplies and repairs, and proper registers with vouchers to support all outlay are fully maintained.

2. I would take this opportunity of bringing to the notice of Government the necessity for greatly increasing the grants for deepening this channel. I beg to forward a statement showing the trade passing through for the last five years, in order to exhibit the remarkable increase which has occurred in this time; the number of vessels has increased from 2,092 in 1869-70 to 2,788 in 1873-74, or over 33 per cent.; and the tonnage from 166,746 in 1869-70 to 265,436 in 1873-74, or nearly 60 per cent., and the receipts to Government have increased from Rupees 16,944 in 1869-70 to Rupees 26,688 in 1873-74, or 57 per cent.

3. The channel is in places only 10 feet deep at low water. The hand dredge available is of little use for such purposes as are required here, and its machinery has been inefficiently arranged, but this I have ordered to be rectified, and I trust the cost of the work will be much diminished; but it is very necessary to build another hand dredge at once if only to keep the channel open to such a trade as is springing up, and which is sure to increase now that the Suez Canal is so great a success. In order however to make the channel a perfect success it is necessary to deepen this to 20 feet throughout, and for this purpose I would beg to recommend the Government to get out one of the Clyde dredges, with all its appurtenances, as soon as possible.

Statement showing the collection of Pilotage fee for five years from the Official year 1869-70 *to* 1873-74.

Official years.	Number of Vessels.	Tonnage.	Government four-fifths share.	Pilots one-fifth share.	Total.	Warps.	Grapnells.	Total.
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1869-70	2,092	166,746	*15,474 6 6	3,867 12 6	19,342 3 0	1,069 2 0	401 0 0	*1,470 2 0
1870-71	2,402	201,676	18,818 4 0	4,706 13 6	23,525 1 6	1,114 0 0	533 0 0	1,647 0 0
1871-72	2,723	239,376	21,529 4 7	5,382 11 5	26,912 0 0	1,226 0 0	593 0 0	1,819 0 0
1872-73	2,770	247,001	22,234 11 7	5,560 15 5	27,795 11 0	1,273 0 0	565 0 0	1,838 0 0
1873-74	2,788	265,436	*23,869 12 8	5,967 10 9	29,837 7 0	1,925 8 0	893 0 0	*2,817 8 0
Grand Total...	13,775	1,120,235	1,01,926 6 11	25,485 15 7	1,27,412 6 6	6,607 10 0	2,984 0 0	9,591 10 0

PAUMBEN,
19th September 1874.

(Signed) J. F. FONSECA,
Overseer in charge of Operations, Paumben.

Proceedings of the Madras Government, Public Works Department, 6th November 1874.

No. 100. ORDER THEREON, 6th November 1874, No. 3,154.

CIVIL WORKS, No. 11.

His Excellency the Governor in Council is gratified to learn that so large an increase in the number and tonnage of vessels using the Paumben channel as that reported by the District Engineer of Madura has occurred between 1869-70 and 1873-74. It indicates the efficacy of the measures adopted for deepening the channel to 14 feet throughout under the estimate of Rupees 22,810, sanctioned in G. O., No. 721 of 1866, of which sum Rupees 11,350 were expended up to 31st March 1874, and an allotment of Rupees 5,000 was made in the current year's Budget. Lieutenant-Colonel Fischer will report at once how much of that allotment has been already availed of up to the 30th September, and what addition to it he is prepared to utilize in conformity with the sanctioned estimate. He should likewise send in specific demands accompanied with regular estimates for any additional plant he may require.

2. The question of converting the channel into a first-class ship canal is quite a separate one; Lieutenant-Colonel Fischer has apparently not read the report on the subject communicated to him with G.O., No. 22, of 4th October 1873.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Madura.
,, Marine Department.

Exd. S. T. Austin.
Spare Copies

Statement showing the Collector of Sea Customs Receipts from Steam Vessels using the Paumben Channel during the Official Years 1869/70 to 1873/74.

Official Years.	No. of vessels.	Tonnage	Government Pilot Vessel	Steamers	Sailing Vessels	Total
1869/70	2402	166,146	6 " 1,500	1,342 " 1069	2 " 401	" 1470
1870/71	2402	201,676	12 " 3,000	1,342 " 1069	2 " 401	" 1470
1871/72	2723	239,376	12 " 3,000	1,714 " 1,533	" "	" 1647
1872/73	2770	241,001	12 " 3,000	1,226 " 973	" "	" 1089
1873/74	2,700	266,436	11 " 2,750	1,273 " 845	" "	" 1090
			12 " 3,000	1,922 " 1,192	" "	" 2,092
			11 " 2,750	1,922 " 1,192	" "	" 2,092
			12 " 3,000	1,922 " 1,192	" "	" 2,092
			11 " 2,750	1,922 " 1,192	" "	" 2,092
			12 " 3,000	1,922 " 1,192	" "	" 2,092
Grand Total	12,775	1,114,635	101,926	9 " 2,250	1,922 " 1,192	" 2,084	" 2,334

(Signed) J. H. Fischer
Lieut. Colonel, R.E.
Executive Engineer in charge of Paumben

Paumben
19th March 1874.

(Certified Copy)
W. H. Hudson
Lieut. Colonel, R.E.
District Engineer, Madura.

3

District Engineers Office
No. 2884 / Camp / Pannambum 22nd September 1874

From

Lieutenant Colonel J. J. Fischer R.E.
District Engineer.
Madras

To

Colonel C. F. Walker R.E.
Secretary to Government.
P.W.D.
Madras.

Sir,

Adverting to G.O. of the 14th August 1874
I have the honor to report for the information
of Government after personal Examination &
inspection that the expenditure on the Floating
Plant at Pannambum is applied strictly for
the purpose for which it has been sanctioned
both as regards new Supplies and Repairs
and proper registers with vouchers to support
all outlay are fully maintained

2 I would take this opportunity of
bringing to the notice of Government the
necessity for greatly increasing the grants
for deepening this Channel I beg to for-
ward a Statement shewing the trade
passing thro' for the last 5 years in order

to

Government / Statement.

Engineer's Office
Received 24 Sept 1874
Registered
Despatched 24 Sept 1874
Recorded

to exhibit the remarkable increase which has occurred in this time, the number of vessels has increased from 2092 in 1869/70 to 2788 in 1873/74 or over 33 per cent, and the tonnage from 166,746 in 1869/70 to 265,436 in 1873/74 or nearly 60 per cent and the receipts to Government have increased from Rs 16,944 in 1869/70 to Rs 26,688 in 1873/74 or 57 per cent

3 The Channels in places only 10 feet deep at low water. The hand dredge available is of little use for such purposes as and required here and its machinery has been inefficiently arranged, but this I have ordered to be rectified, and I trust the cost of the work will be much diminished. but it is very necessary to build another steam Dredge at once if only to keep the Channels open to such a trade as is springing up and which is sure to increase now that the Suez Canal is so great a success. In order however to make the Channels a perfect success it is necessary to deepen this to 20 feet throughout and for this purpose I would beg to recommend the Government to get out one of the Clyde Dredges with all its appurtenances, as soon as possible.

I have the honor to be
Sir
Your most obedt Servt
Lieut. Fischer R.E.
District Engineer
Madura

Dy No 1874 dated 25th Sept

Submit Sketch as might accompany Lt F's report
& Letter that of Mr mark of his attention
I am inclined to say that

The Govt observe with pleasure that Lt F's attention has been turned to this important work and wish he prepare & consider any plans carefully worked out plans sketches &c - that he may submit

Encl 9

P.W. Department

Proceedings of the Madras Govt

Read the following:-

Encl to Engr Madras H.E. Do No 2684 of 22nd Sept 1875

His Excellency the Governor in Council is gratified to learn that so large an increase in the number and tonnage of vessels using the Pamben Channel as that re-ported by the District Engineer of Madura has occurred between 1869-70 and 1873-74. It indicates the efficacy of the measures adopted for

10.

Copy of Letter from Engr Madras H.E. No 2684 dated 22nd Sept 1875

Encl 1 to Engr Madras H.E. No 2684 dated 22nd Sept 1875

Statement showing the number and tonnage of vessels which passed through the Pamben Channel during the years 1869-70 and 1873-74.

Years	Number of Vessels	Tonnage
1869-70	1,052	75,000
1873-74	2,852	213,000

Before the Construction of the Pamben Bridge and Causeway.

Increase in favour of 1873-74 1,800 138,000

After the Bridge and Causeway were constructed.

Increase in favour of 1873-74 2,852 213,000

Increase in favour of 1873-74 1,052 75,000

Increase in favour of 1873-74 1,800 138,000

Certified that the above statement is correct.

Sd/- [illegible]

Asst Engr Madras.

Certified that the above statement is correct.

Sd/- [illegible]

Asst Engr Madras.

deepening the channel to 14 ft throughout under the estimate of Rs 22,810 sanctioned in L. O. No. 721 of 1866, of which sum Rs 11,350 were extended up to 31st March 1874, and an allotment of Rs 5,000 was made in the current year's Budget- Lieut Col. Fischer will report at once how much of that allotment has been already availed of up to the 30th September and what additional to it he is prepared to utilize) in conformity with the sanctioned

estimate - he should if Revised send in Specific demands accompanied with regular estimates for any additional plant he may require -

The question of converting the Channel into a first Class ship Canal is quite a separate one; not to be treated in the off-hand style of the letter at present under consideration - Lieut Col. Fischer has evidently not read the Report on the subject

communicated to him
with G. O. No. 22 of 4th
October 1873.

G.W.W.

8/

10

It is respectfully submitted that Lt. Fischer should be encouraged to bring forward any proposals like that of "making the Channel a perfect success" by deepening it to 20 ft throughout" — that Lt. Fischer read up the papers relating to the Channel that must be recorded in his Office, he must be aware that its conversion into a Ship Canal is a subject that has been since the early days into, and all the requisite steps to be taken by the Govt of India in connection with the Steamboat

30/3

Lt. Col. Geneys Madras
" Marine despatch
& Copies despd 12/11/74.

99-100.

Rec'd 17/10/74. Rd 24/10/74.

31-7-07

It has been effectually taken out of the hands of the Madras Govt.

The measures already adopted, & in progress have as much as could, of themselves, been productive of increased benefit to the Country. Trade year by year, and has been duly appreciated. And every year, since the Govt. met with funds the calls made upon them by his predecessor Ld. Roberts in a business like & systematic manner - All that is necessary is that he should do likewise -

Lawley
15.10.74

31-7-07

Cir. 6052

Vide Wt. Minute in letter

Cir 17/10/14

6052

Govt. of {1874} Madras.

PUBLIC WORKS.

To

The Dr. Engr.
Madras

Dated

Rcd. Encl. 1,

G. O. 6th Nov. 1874. No. 3154

Nos. 95-100.

Paumben Channel

The increase in the number and tonnage of Vessels using the Channel as reported to have occurred between 1869-70 and 1870-74 noticed with satisfaction. The Dr. Engr. to report how much of the allotment of Rs. 5000 made in the Current Years Budget for deepening the Channel has been already availed of up to the 30th Sept. and what addition to it can be [illegible] in conformity with the large

Cir 17/10/74