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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	104	Press
B.P. No.		Mis.
Dated	14.9.	1967

Not to be folded or roughly handled

PROCEEDINGS OF THE BOARD OF REVENUE, dated 15th August 1874.

Read again the following:—

Board's Proceedings, dated 15th January 1873, No. 51.

Do. „ 20th March 1874, No. 638.

Do. „ 23rd April 1874, No. 961.

Read also letter from the Hon. D. ARBUTHNOTT, Collector of Tanjore, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Tritrapundi, 11th May 1874, No. 118.

With reference to the Board's Proceedings, dated 23rd ultimo, I have the honor to report that, having regard to the actual capacities of the measures in use in the different parts of the district, and the desirability of having one uniform standard for all those parts of the district in which nominally there has always been but one standard, I would recommend that, except for the two taluqs of Pattukottai and Mannargudi, the standard be fixed at 133 tolas; and that for those two taluqs, the same be fixed at 144 tolas. In those bazaar stations where the measure in use is the "half padi," exactly a half of the weight in rice above mentioned will of course be the standard.

2. If the standards are thus raised to a fair average of the existing capacities of the measures, there would be little need for giving previous notice; but to meet possible contingencies, the authoritative introduction of these standards may be deferred till 1st July 1875, so that the public may have clear twelve months to adjust matters where existing arrangements may possibly be liable to be effected. Till that date, the existing practice will be maintained.

3. In my letter of the 2nd March last (paragraph 8), I suggested that in converting the number of measures given in the Tanjore returns into the Imperial Seers, the Tanjore "Padi" be taken, except for the taluqs of Pattukottai and Mannargudi as equal to 135 tolas; but, on referring again to the results of the experiments made by Mr. Cadell in 1872, as embodied in Statement A forwarded with his letter of the 4th October of that year, I see that in the more important towns in the district (the two taluqs above mentioned being of course excepted) the measures average 133 tolas in rice, the stations where the capacity of the measure is 135 tolas and more being comparatively unimportant. I have, therefore, now adopted 133 tolas. For the two taluqs of Pattukottai and Mannargudi, 144 more accurately represent the average than 145 tolas. It is to be here noted that to arrive at an accurate and fair mean, the marakkal which is equal to two "Patnam padis," or "four half padis," should be taken into account also; for, except for fractions, paddy is measured by marakkal in retail as well as wholesale transactions.

4. I take this opportunity of requesting that the Board will be good enough to arrange for the early supply of the test-glasses, for which, with reference to paragraph 12 of the Board's Proceedings, dated 15th January 1873, No. 51, an indent was submitted on the 5th March 1873. No other mode of test than by volume of water is fully reliable, as, owing to the difference in the weight of water as well as of grains in the different parts of the district, as well as in the

different periods of the year, tests by weight of water and by weight of rice or paddy are alike found in practice not to give accurate results.

THE above correspondence relates to the correctness or otherwise of the Conversion Table, appended to the first of the Board's Proceedings above quoted, so far as it relates to the Tanjore District. The assumed normal contents of the standard recognized in the district were taken to be 126 tolas of first-sort rice for all taluqs, except Pattukottai, for which 135 tolas was the standard adopted.

2. The Collector brought to notice that this did not accord with the results of Mr. Cadell's experiments; that the theoretic standards were, no doubt, those assumed by the Board; but that in course of time they had been departed from to such an extent that they did not correspond with the measures actually in use, the capacities of which were ascertained by Mr. Cadell to be uniformly much greater. In the Collector's letter of the 2nd March, recorded in Board's Proceedings of 20th March, No. 638, it was stated that the standard weight of rice for a Tanjore Patnam padi should be altered from 126 to 135 tolas for all stations, excepting Pattukottai, Ardhangi, Mannargudi, and Needamangalam, and from 135 to 145 tolas for those four stations; subsequently in his letter of the 11th May, the Collector proposes that the standard be fixed at 133 tolas, except for the two taluqs of Pattukottai and Mannargudi, where it should be 144 tolas.

3. The measures sent from Tanjore have now been tested in the Board's Office, with the exception of the measure in use at Tanjore itself, which is not forthcoming. It has been assumed to be the same as those in use at Trivady and Vellam. The results obtained by actual weighment are almost identical with those reported by Mr. Cadell, and may, the Board think, be taken as representing with sufficient accuracy the existing condition of things. They show that 133 tolas of first-sort rice may be accepted as the normal contents of the measures in use throughout the district, except in the taluqs of Mannargudi and Pattukottai, where the contents are 144 tolas the half measure, where such is in use, containing exactly half the above weights. The Conversion Table has been revised accordingly, and the equivalents therein given will be adopted for the Board's Price Returns.

4. As pointed out in paragraph 6 of the Board's Proceedings of the 20th March 1874, No. 638, the measure in use at Tritrapundi approaches the standard in use at Pattukottai, as does the Shealli measure also, the actual contents in first-sort rice, as ascertained by weighment, being about 63 tolas; but, as the measures in use at the two other stations in the Tritrapundi Taluq conform to the lower standard, the Board agree with the Collector in thinking that it is not worth while making an exception in the case of the cusbah only.

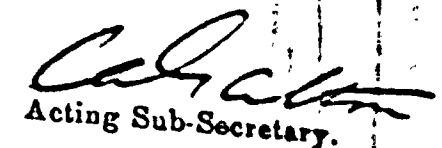
5. As regards the half measure in use at Ardhangi, its assumed normal contents have been taken at half the Pattukottai measure, in accordance with the result of Mr. Cadell's experiments. The weighments made in the Board's Office showed that, though its contents were not equal to half the equivalents in rice for the Pattukottai measure, they conformed more nearly to the higher than to the lower standard, and accordingly 72 tolas may be fairly assumed to represent its capacity. This result does not quite accord with that given in the Board's Miscellaneous Proceedings, No. 2,058, of the 5th April 1873, but the calculation then

made seems to have been based not on actual weighment, but with reference to the cubical capacity of the measure, and its consequent value in average rice as laid down in Mr. Bayley's memorandum (*vide* paragraph 3, Board's Proceedings, dated 15th January 1873.) Hence the discrepancy.

6. From paragraph 6 of Mr. Cadell's letter of the 4th October 1872, it appears that in the Pattukottai Taluq the standard has been raised from time to time, the authority for the alteration not being ascertainable. Under these circumstances, it is matter for consideration whether the standard for the Pattukottai and Mannargudi Taluqs should not be made conformable to that obtaining throughout the rest of the district, due notice of course being given of the date from which the change will be carried into effect, so as not to disturb commercial transactions, say, 1st January 1876. The Collector is requested to report on this point.

7. With reference to the last paragraph of the Collector's letter of 11th May, No. 118, the Collector is informed that the test-glasses have just been received from England, and will be supplied shortly.

(A true Copy and Extract.)


Acting Sub-Secretary.

To the Acting Secretary to Government, Revenue Department.
.. the Collector of Tanjore, with Conversion Table.

Exd. A. Grubert.

N^o 3/222

242/250

Revenue 1874. *Department*

Board of Revenue,
MADRAS.

PROCEEDINGS, 15TH AUGUST 1874, No. 2,261.

Aug 25 86/15/74

Encl.

Received *7th Sept 74*

AUGUST.
No. 2,261.

Standard measure for Paltukottai and Mannargudi Taluqs, in Tanjore District. — Collector requested to report whether — should not be made conformable to the obtaining through out rest of district. ~~Collector requested to address Secretary of State, again on subject of supply of test-glasses for testing measures from England, sanctioned a year ago, have been received and will be supplied~~

Aug 25 86/15/74

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Aug 25 86/15/74