

(1) Number of pages _____

(2) Date of repair _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1485	Press
B.P.—No.		—Mis—
Dated	28-5-	195- 6875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
28th May 1875.*

Read the following papers:—

No. 541. From Major J. O. HASTED, R.E., Superintending Engineer, 1st Division, Kistna, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Masulipatam, 6th October 1874, No. 76.

WITH reference to G. O., No. 691, dated 4th March 1873, I have the honor to report that since the introduction of the new rules and bye-laws for navigation, no complaints have been made to me by boat owners, and I believe the rules to be generally acceptable to those using the canals.

2. The bye-laws have been generally observed, but it has been necessary to withhold licenses for a time, in a few instances, to compel boat owners to repair passenger boats, and to carry lights at night. The authorized suspension of licenses seems to be sufficient penalty for infringement of rules.

3. The canals having been opened to traffic altogether but twelve months since the date of Government Order up to end of last month report was not sent earlier.

No. 542. From Major J. O. HASTED, R.E., Superintending Engineer, 1st Division, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Masulipatam, 22nd March 1875, No. 164.

WITH reference to your Memorandum, No. 873, dated 26th October 1874, I have the honor to forward, herewith, a statement

- 1 Statement showing the number of boats licensed and the fees collected during the last ten years.
- 1 Memorandum of the offences against the bye-laws that have been punished by suspension of license in the last two years.
- 1 Printed rules of traffic at Bezwada.

2. The statement shows the collections that would have been made during the past year, had the old rules remained in force, and the decrease is chiefly due to the fact that all passenger boats in this delta have taken out 2nd-class licenses. As regards the decrease in cargo boats, the number of those that are licensed must always vary, and it is probable that when fewer boats are licensed here, more are licensed in the Godavery District.

3. The offences against the bye-laws that have been punished are very few, though I believe all the offences have not been recorded as they will be in future. I have not received any complaints against boat owners, and it seems to me that the fear of suspension of license is at present quite sufficient to ensure the regulations being observed. Officers are now so frequently on the move on the canals, that irregularities cannot exist without being discovered.

4. The chief difficulty in regulating the traffic is in maintaining order at the chief landing places, such as Bezwada, Ellore, and Masulipatam. Rules for the regulation of the traffic at Bezwada have been drawn up and published, and there has been no difficulty in enforcing them; but unless the boat people were looked after, the landing place would be a scene of continual confusion.

Proceedings of the Madras Government, Public Works Department,
23rd May 1875.

Statement showing the Revenue obtained in Licenses of Boats in 1874 as compared with those of previous years.

Particulars.	1863-64.				1864-65.				1865-66.				1866-67.				1867-68.			
	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.
Cargo boats { Full year { Half year	...	...	...	Rs. A. P. 2,358 0 0	...	...	...	Rs. A. P. 2,434 0 0	...	...	...	Rs. A. P. 2,359 8 0	...	...	...	Rs. A. P. 2,611 0 0	...	...	...	Rs. A. P. 2,500 12 0
Passenger boats { Full year { Half year	...	...	...	8,551 12 8	...	...	...	2,311 5 0	...	...	...	8,737 13 0	...	...	...	3,594 6 0	...	...	...	4,308 5 0
Pleasure boats ...	...	...	...	...	...	...	...	13 4 0	...	...	...	29 0 0	...	...	...	21 1 0	...	...	...	...
Sea-going boats ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rafts ... { Teak { Country { Bamboos	...	...	...	445 13 6	...	...	...	617 8 9	...	...	...	616 15 8	...	...	...	435 13 11	...	...	...	410 15 10
License fees on boats passing locks.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fees for duplicate license ...	...	...	...	...	...	...	...	5,377 12 0	...	...	...	6,713 4 8	...	...	...	6,663 4 11	...	...	...	8,220 0 10
Total ...	...	...	...	5,511 3 3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Proceedings of the Madras Government, Public Works Department,
28th May 1875.

Statement showing the Revenue obtained in Licenses of Boats in 1874 as compared with those of previous years.—(Continued.)

Particulars.	1868-69.				1869-70.				1870-71.				FROM APRIL 1871 TO DECEM- BER 1871.				1872.			
	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.
Cargo boats { Full year { Half year	...	3,367	...	Rs. A. P. 3,367 0 0	...	2,941	...	2,808 8 0	...	3,279	...	3,279 8 0	47	793	...	669 8 0	187	3,567	...	Rs. A. P. 3,537 8 0
Passenger boats.	...	...	...	2,869 11 3	...	...	...	4,067 2 6	...	...	...	4,080 4 0	4	...	...	172 4 0	44	...	...	3,957 14 0
Pleasure boats ...	...	...	...	...	...	...	...	...	...	...	...	9 7 0	3	...	...	9 2 0	1	...	...	3 13 0
Sea-going boats ...	...	...	...	...	...	...	...	...	...	...	...	32 0 0	2	...	...	27 0 0	6	150 ¹³⁶	...	28 2 9
Rafts ... { Teak { Country { Bamboos	...	...	...	456 10 9	...	...	...	763 15 0	...	...	...	629 14 2	...	...	...	179 9 10	56	...	...	334 5 2
License fees on boats passing locks.	...	...	...	...	...	...	...	...	...	...	...	12 0 0	8	...	...	4 0 0	51	...	...	25 8 0
Fees for duplicate license ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	5,723 6 0	...	...	...	7,699 9 6	...	...	...	8,043 1 2	...	...	...	1,061 7 10	...	...	...	7,938 2 11

Proceedings of the Madras Government, Public Works Department,
23th May 1875.

Particulars.	1873.				1874.				AMOUNTS THAT WOULD HAVE BEEN REALIZED IN 1874 UNDER OLD RULES.				Remarks.	
	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Class.	Total No.	Tonnage.	No. of Passen- gers.	Amount of License.	Total No.	Tonnage.	No. of Passen- gers.		Amount of License.
Cargo boats ... { Full year } ... { Half year }	236	5,719	...	Rs. A. P. 5,481 9 0	{ ... }	232	4,558	...	Rs. A. P. 4,558 0 0	232	4,558	...	Rs. A. P. 4,558 0 0	From 1864 to 1871 no regular registers appear to have been kept up; hence the number of passengers, &c., cannot be entered.
Passenger boats.	35	...	...	3,196 10 0	{ 2nd class } { 1st class }	35	...	2,739	2,571 3 0	35	...	2,739	3,423 12 0	
Pleasure boats ...	...	...	...		...	1	...	...	171 7 6	5	...	365	228 2 0	These counts of receipts up to April 1871 were kept for each official year, and those from that date were kept for each calendar year.
Sea-going boats ...	48	407 13 0	...	247 15 9	...	...	...	...		...	...	...		
Rafis ... { Teak } ... { Country } ... { Bamboos }	...	...	...	497 6 0	{ ... }	883	...	...	88 3 0	883	...	...	220 7 6	
License fees on boats passing locks.	74	...	...	40 0 0	...	66	...	...	169 10 0	169 10	...	...	84 13 0	
Fees for duplicate license ...	...	...	...		...	1	...	...	69 0 0	66	...	...	69 0 0	
Total ...	...	...	...	9,463 8 9	...	...	...	...	8,104 9 0	...	...	...	9,077 7 6	

MASULIPATAM,
22nd March 1875.

(Signed) J. O. HASTED, Major, R.E.,
Superintending Engineer, 1st Division, Kistna.

Proceedings of the Madras Government, Public Works Department,
23th May 1875.

Memorandum showing the Offences against Bye-Laws during the years 1873 and 1874 and Punishments inflicted.

Description of Boats.	Years.	BYE-LAW No. 9.		BYE-LAW No. 10.		—
		Number of Boats.	Number of Days stopped.	Number of Boats.	Number of Days stopped.	
Passenger boats ...	1873	3	9	...	...	Each 3 days.
Do. ...	1874	...	...	3	21	Each 7 days.

MASULIPATAM,
22nd March 1874.

(Signed) J. O. HASTED, Major, R.E.,
Superintending Engineer, 1st Division, Kistna.

No. 543. From Major J. BEATTY, R.E., District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Dowlaiswaram, 26th April 1875, No. 312.

WITH reference to G. O., No. 691, of 4th March 1873, regarding the new rules and bye-laws for the navigation of the canals of the district, I have the honor to report that these have worked satisfactorily.

2. No regular record of stoppages of license and other punishments appears to have been kept hitherto, and I have requested the Range Officers to register all such cases in future, with a brief description of the offences committed, and the nature of punishments.

3. The rules most disregarded by boat owners are those providing for carrying a light at night, and forbidding boatmen to move along the canal sides with masts up. On nine occasions the licenses of passenger boats were suspended for neglecting to show lights, and about eight dhonies were punished for mooring on with masts up.

4. In the Eastern Delta it was observed that no first-class licenses are taken out by the owners of Rahdari boats. They are all registered as second-class boats, and attempts were made to exercise option regarding the caste of passengers who wished to go on board. In one case that came directly under the Range Officer's notice, and of which there was positive proof, the boat owner's license was suspended for ten days.

5. In some four or five instances the rules were put in force for the removal of obstructions to navigation by boats abandoned, either in the waterway or on the banks of the canals.

6. One cargo boat had to pay for damages to Godicherla Lock having neglected to take its sail down soon enough and run hard into the lock. Another cargo boat was similarly punished for trying to pass under the Gostanaddy lock bridge with its mast up and knocking some plaster off the soffit.

7. Lieutenant Dorward has made the only suggestion for the improvement of the rules which is that fast-going transit boats should be obliged to carry a colored light, to show other boats what class of boat was coming down upon them, as instances have occurred of slow-going dhonies not getting out of the way quickly enough and being run into by passenger boats.

No. 544. ORDER THEREON, 28th May 1875, No. 1,485.

IRRIGATION, No. 66.

THE reports submitted by the Superintending Engineer, Kistna, and the

*Proceedings of the Madras Government, Public Works Department,
23rd May 1875.*

District Engineer, Godavery, on the working of the navigation revised rules and bye-laws, sanctioned in G. O., 4th March 1873, No. 691, for introduction on the canals of the Kistna and Godavery Deltas, show that generally the regulations have been conformed to, and that punishments for infringement of the bye-laws have been few and light. In the Kistna a record of offences and punishments has been kept, and in the Godavery the District Engineer has issued the necessary instructions for its being kept in future.

2. In neither delta have any passenger boats taken out a first-class license allowing the caste of passengers to be carried to be determined by the boat owners. The District Engineer, Godavery, has not shown what the effect of reducing the license rates for boats obliged to carry passengers without distinction of caste, from 4 Annas to 3 Annas per square foot, has been on the receipts from licenses, but the Superintending Engineer, Kistna, reports that the difference amounted on the boats licensed in that Delta to, on —

Year's licenses, 35 boats conveying 2,739 passengers	...	...	Rs.	A.	P.
Half do. do. 5 do. do. 365 do.	...	...	852	9	0
			56	10	6
Total	...	...	909	3	6

3. For 1875 the effect of the revised rules should be clearly shown, and the Superintending Engineer and District Engineer should, in transmitting their reports, state the number of miles of navigation available, and give such particulars of the ton mileage, number of passengers, &c., and of the cost of maintaining the navigation as will allow of an opinion being formed as to the sufficiency or otherwise of the license rates now in force.

4. The order of the 14th April 1875, No. 993, directing the issue of separate licenses for the Godavery and Kistna Delta navigation respectively will have some effect in increasing receipts; but, looking to the extent of the Godavery Delta navigation, it appears to be not improbable that it will be proper to make a considerable addition to the charge for licenses issued in that delta. The Kistna Canals being much less extensive, the present rates may be high enough, but there also the cost of maintenance needs to be compared with the receipts.

5. All the information necessary to afford the Government a clear idea of the value of the navigation in each delta should be collected before the end of the year, so that the required report may be submitted immediately after the 1st January 1876.

6. The Rules, dated 26th August 1874, issued by the Superintending Engineer, Kistna, for the regulation of the wharf at Bezwadah, are approved.

(True Extract.)

Major, R.E.

Offg. Joint Secretary to Government.

To the District Engineer, Kistna.
" " Godavery.
" Chief Engineer for Irrigation.
" Revenue Department.
Exd. A. Grubert.
Spare Copies

MEMORANDUM.

REQUESTED for reference the under-mentioned papers :—

*G.O. No. 138-8 February 1872 - [unclear]
Original Enclosures, disposed of in G.O. No. 14485.
728 May/75.*

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION,

22-12-1875

Dr. H. [unclear]

Head Clerk.

To

The Registrar of the *[unclear]*

P. H. Dept

Proc. of the Madras Government

Read the following:-

From the Sup^r Engineer } (N.S. No 76 dt 6 Oct 1874)
Kistna }
do do do (N.S. No 164 dt 22 Mar 1875)

From the Dy^y Godavary (N.S. No 312 dt 26 April 1875)

G.O. No. 1485 dt 28 May 1875

M. S. 1875

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The reports submitted by the Superintendent Engineer, Kistna, and the District Engineer, Godavary, on the working of the navigation, revised rules and bye laws, sanctioned in G.O. No. 1485 dt 28 May 1875, for introduction on the Canals of the Kistna and Godavary Deltas, show that generally the regulations have been conformed to, and that

that the punishments for infringement of the bye laws have been few and light. In the Krishna a record of offences and punishments has been kept and in the Godavary the District Engineer has issued the necessary instructions for its being kept in future.

2. In neither Delta have any passenger boats taken out a first class license allowing the caste of passengers to be carried to be determined by the boat owners. The District Engineer Godavary has not shown what the effect of reducing the license rates for boats obliged to carry passengers without

distinction

distinction of caste, from Re. 14 annas to 3 annas per square foot, has been found on the receipts from licenses, but the Superintending Engineer, Krishna, reports that the difference amounted in the boats licensed in that Delta to, or

Year's licenses 35 boats conveying 2739 passengers Rs. 852-9-0
1/2 do do 5 do " 365 do " 56-10-6

Total 909-3-6 of

3. For 1875 the effect of the revised rules should be clearly shown, and the Superintending Engineer and District Engineer should, in submitting their reports, state the number of miles of navigation available, 16

and etc

and give such particulars of the ton mileage, number of passengers &c. and of the cost of maintaining the navigation as will allow of an opinion being formed as to the sufficiency or otherwise of the license rates now in force.

4. The order of the 14th April 1876 No. 998 directing the issue of separate licenses for the Godavery and Krishna Delta navigation respectively will have some effect in increasing receipts; but, looking to the extent of the Godavery Delta navigation, it appears to be not improbable that it

will

will be proper to make a considerable addition to the charge for licenses issued in that Delta. The Krishna Canals being much less extensive the present rates may be high enough, but there also the cost of maintenance needs to be compared with the receipts.

5. All the information necessary to afford the Government a clear idea of the value of the navigation in each Delta should be collected before the end of the year, so that the required report may be submitted immediately after the 1st January 1876.

6. The rules dated 26th

August

August 1874 issued to
the Superintending Engineer
Kistna for the regulation
of the wharf at Bezwa
are approved.

~~2058~~
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3205
Govt. of 1875/ Madras
PUBLIC WORKS.

To
The St. Inpr.
Kistna

Dated

Issued

Recd.

Encl.

28 May No. 1485

No. 541-544

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Navigation revised Rules
and Bye-laws - Passing
orders on the reports of the
Superintending Engineer,
Kistna and the District
Engineer, Godavary, on
the working of the —

No 541-544

The St. Inpr. ✓
" " Godavary ✓
" " Of the Govt. ✓
" Rev. Dept. ✓

S.C.

Recd. 2/5/75 O.S. 25/5/75
recd. 18.5.75