Public Works (1898.) Department.

G.O., No. 891 I

DATED 15th Novr 98

17/11/98

[Despatch Abstract.]

Navigation receipts & Charges of the Canals of the Godavari Delta System

Note by the Chief Engineer for Irrigation reviewing the statements, showing the ——, for 1897-98, recorded.

17/x

J.A.

[P. W. S. 1,000-12-2-98.]

Indexed. 16/11

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Government (1898) of Madras.
PUBLIC WORKS.

Recd. } 1898. *Enclosures*
Regd. } *Spare copies*

G.O., No. 891 I., 15th November 1898.

NOVEMBER.

Navigation receipts and charges of the canals of the Godavari Delta system

Note by the Chief Engineer for Irrigation reviewing the statements showing the — for 1897-98, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

From W. C. DeMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 10th October 1898, No. 1474 G.D.

I have the honour to submit, herewith, the usual annual statements A, A-1, B, C and D, showing navigation receipts and charges of the Gódávari system of canals for the official year 1897–98.

2. The subjoined statement exhibits the receipts and charges of the year as compared with those of the previous year :—

—	1897-98.	1896-97.	Increase.	Decrease.
Receipts.	RS.	RS.	RS.	RS.
1. License fees for passenger boats	3,263	3,578	..	315
2. Do. for cargo boats	18,874	27,561	..	8,687
3. Do. for steamers, private	..	..	..	..
4. License fees for miscellaneous, including private and pleasure boats, and fees for numbering boats, duplicate license fees, rents of canal flats, &c.	715	783	..	68
5. Tolls on all kinds of boats and rafts ..	49,718	49,572	146	..
6. Rents of staff boats	2,037	2,213	..	176
7. Approximate navigation receipts from Kovvur-Manjair junction canal, credited to Incorporated Local and 43. Minor Works and Navigation	— 200	— 200	..	..
8. Profit on boat office	1,737	2,476	..	739
9. Refunds of navigation receipts	— 5	— 24	..	— 19
10. Rents of canal berms	472	892	..	420
Total ..	76,611	86,851	146	10,386
Charges.				
11. Navigation establishment, including Boat Superintendent ..	23,202	23,050	152	..
12. Lock and lock weir repairs	22,583	23,170	..	587
13. Navigation buildings	299	772	..	473
14. Towpath maintenance	— 129	328	..	457
15. Dredging	3,579	3,699	..	120
16. Share of canal maintenance	15,880	13,469	2,411	..
17. Repairs of staff boats	2,264	3,204	..	940
18. Miscellaneous, including any charges not appertaining to the above items	2,342	3,091	..	749
Total ..	70,020	70,783	2,563	3,326

Receipts.

3. The decrease on items 1 and 2 may be attributed chiefly to the falling off of traffic by the canal route owing to the completion of the East Coast Railway.

4. The decrease on item 4 is trifling and calls for no remarks.

5. The increase on item 5 is due to the increase in the number of boats plying on six weeks' tickets.

6. The decrease on item 6 is due to some of the boats being idle during the year for want of occupants. Demands from officers of other departments were also fewer.

7. The decrease on item 8 is due to fewer demands for steamers for hire during the year compared with those of the previous year.

8. The decrease on item 10 is due to the length of canal berms occupied by the Local Fund Department during the year being less than in the previous year.

Charges.

9. The increase on item 11 is very small and calls for no remarks.

10. The decrease on item 12 is due to the cost of repairs to locks and lock weirs during the year being less than in the previous year.

11. The decrease on item 13 is due to buildings being in good order.

12. The decrease on item 14 is due to the write-back, during the year, of the cost of stoneware pipes charged to the work, "Forming towpath in the left margin of Cocanada canal below Kovvur lock" in the accounts of 1896–97.

13. The decrease on item 15 is due to less dredging work required during the year than in the previous year.

14. The increase on item 16 is chiefly due to the write-back, during the year, to "maintenance and repairs" of outlay on certain estimates for diversions of canals charged last year to capital.

15. The decrease on item 17 is due to the fewer repairs to staff boats required during the year than in the previous year.

16. The decrease on item 18 is chiefly due to the smaller outlay on repairs to rest-houses on canals during the year.

17. It will be seen from statement D that, during the year under review, punishments in 63 cases were inflicted for infringement of Navigation rules against 68 cases in the previous year.

Enclosures.

A.—Statement of Receipts and Charges, Gódávari Delta Navigation for the official year 1897–98.

Receipts for the official year 1897-98.		Charges for the official year 1897-98.	
Description.	Amount.	Description.	Amount.
	RS.		RS.
1. License fees for passenger boats	3,263	1. Navigation establishment, including Boat Superintendent	23,202
2. Do. for cargo boats	18,874	2. Lock and lock weir repairs	22,583
3. Do. for steamers, private ..	..	3. Navigation buildings	299
4. License fees for miscellaneous, including private boats and duplicate license fees ..	432	4. Towpath maintenance	— 129
5. Tolls on Government steamers and dredges.	..	5. Dredging	3,579
6. Do. on passenger boats	10,258	6. Share of canal maintenance	15,880
7. Do. on cargo boats	29,358	7. Rep irs of staff boats	2,264
8. Do. on private steamers	12	8. Charges for painting numbers on boats ..	161
9. Do. on miscellaneous	223	9. Maintenance including charges not appertaining to the 1st eight items ..	2,161
10. Do. on rafts	9,874		70,000
11. Rents collected from staff boats	2,037	Interest at 2 per cent. on capital outlay during the year on navigation works proper ..	..
12. Fees collected for painting numbers on boats.	283	Interest for the year on capital outlay on navigation works proper to end of 1896-97 at 4 per cent.	42,231
13. Approximate navigation receipts from Kovvur-Manjair junction canal, credited to Incorporated Local and 43. Minor Works and Navigation	— 200		
14. Profit on boat office at end of 1897-98 ..	1,737		
15. Refunds of navigation receipts	— 5		
16. Rents on canal berms	435		
	76,581		
Loss ..	35,650		
Total ..	1,12,231	Total ..	1,12,231

A-I.—Statement of Capital Outlay on Navigation works proper of the Gódávari Delta from the year 1870–71, inclusive.

Sections of Delta.	To end of 1896-97.	For 1897-98.	Total.
	RS.	RS.	RS.
Eastern Delta	3,47,764	..	3,47,764
Central ,, ...	2,58,174	..	2,58,174
Western ,, ...	4,49,832	..	4,49,832
Total ..	10,55,770	..	10,55,770

B.—Statement showing the Navigation Receipts for the official year 1897–98.

Item number.	Particulars.	Official year 1896-97.					Official year 1897-98.				
		Class.	Total number.	Measured tonnage licensed at 50 cubic feet per ton.	Number of passengers licensed to carry.	Amount of license fees and tolls.	Class.	Total number.	Measured tonnage licensed at 50 cubic feet per ton.	Number of passengers licensed to carry.	Amount of license fees and tolls.
1	2	3	4	5	6	7	8	9	10	11	12
						RS.					RS.
1	License fees for passenger boats ..	1st class.	..	..	..	..	..	..	..	..	..
2	Do. for do.	2nd class.	59	1,307	3,670	3,578	2nd class.	56	1,249	2,922	3,263
3	Do. for cargo boats	..	494	12,365	..	27,561	..	346	8,627	..	18,874
4	Do. for steamers, private	..	..	..	..	..	..	..	..	..	..
5	Do. for miscellaneous, including private boats and pleasure boats and duplicate license fees ..	..	..	..	..	301	..	..	..	..	432
6	Tolls on Government steamers and dredges	..	..	..	..	..	..	..	..	..	..
7	Do. on passenger boats	..	..	..	..	10,105	..	..	..	..	10,258
8	Do. on cargo boats	..	..	..	..	26,077	..	..	..	..	29,358
9	Do. on miscellaneous	..	..	..	..	174	..	..	..	..	216
10	Do. on rafts	..	..	..	..	13,130	..	..	..	..	9,874
11	Rents collected from staff boats	..	..	..	..	2,213	..	..	..	..	2,137
12	Tolls on private steamers	..	..	..	..	86	..	..	..	..	12
13	Fees collected for painting numbers on boats	..	..	..	..	432	..	..	..	..	253
14	Approximate navigation receipts from Kovvur-Manjair junction canal, credited to Incorporated Local and 43. Minor Works and Navigation	..	..	..	..	— 200	..	..	..	..	— 200
15	Profit on boat office	..	..	..	..	2,476	..	..	..	..	1,737
16	Refunds of navigation receipts	..	..	..	..	— 24	..	..	..	..	— 5
17	Rents on canal berms	..	..	..	..	892	..	..	..	..	472
	Total ..	..	553	13,672	3,670	86,801	..	402	9,876	2,922	76,611

C.—Statement showing the Total Maintenance Charges on Navigable Canals of the Gódávari Delta for the year 1897–98.

Description.	Total charges for 1897-98.	Debitable to Navigation.		Debitable to Irrigation.	
		Rate	Amount.	Rate.	Amount.
	RS.		RS.	RS.	RS.
1. Navigation establishment	23,202	Whole.	23,202	..	..
2. Locks and lock weir repairs	22,583	Do.	22,583	..	..
3. Navigation buildings	299	Do.	299	..	..
4. Towpath maintenance	— 129	Do.	— 129	..	..
5. Dredging	3,579	Do.	3,579	..	..
6. Share of canal maintenance	(a) 15,880	One-fourth.	3,970	..	11,910
7. Repairs to staff boats	2,264	Whole.	2,264	..	..
8. Charges for painting numbers on boats ..	181	Do.	181	..	..
9. Miscellaneous (including charges not appertaining to the first eight items)	(b) 2,161	One-fourth.	540	..	1,621
Total ..	70,020	..	56,489	..	13,531

N.B.—(a) This amount represents expenditure on the following items as laid down in G.O., No. 460 I., dated 6th August 1898:—

(i) Repairs to canal banks	(one-fourth of this is chargeable to Navigation).		
(ii) Silt clearance	(do.	do.	do.)
(iii) Mile and avenue coolies	(do.	do.	do.)

(b) This item represents expenditure on repairs to masonry works other than locks and weirs.

Nature and description of boats.	Rule No. 1.		Rule No. 2.		Regulation No		33. Regulation No. 36.	
	For plying on canal without a toll ticket or license.		For refusing to convey all passengers for whom there is room irrespective of caste.		For not having sufficient free bo i.e., for having o loaded.		For damaging the works of canals.	
	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Nu of sto	Boat number.	Number of days stopped.
1	2	3	4	5	6		26	27
Cargo boats	67050 T.	10						
Passenger boats ..			400 L.	1	T.T. 61357 (1997)		67328 T. 219 G.	13
			L. 1622	1	T.T. 67150 (147) T.T. 61351 (B. No. 1997) 394 L.		1622 L.	7

To the Examiner, Public Works Accounts, dated 17th October 1898, No. 313.
From the „ „ „ „ 1st November 1898, No. 3733 B./B.

No. 286 I.

Note by the Chief Engineer for Irrigation.

The accompanying statements submitted by the Superintending Engineer, I Circle, show the navigation receipts and charges of the canals of the Gódávari delta system for the last official year 1897–98. After carrying out the corrections indicated by the Examiner of Public Works Accounts, the total receipts amount to Rs. 76,581 and the charges to Rs. 1,12,231, resulting in a loss of Rs. 35,650 if interest (Rs. 42,231) be included, or a profit of Rs. 6,581 if interest be excluded.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

10th November 1898.

Order—No. 891 I., dated 15th November 1898.

Recorded.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, I Circle.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

D.—Memorandum showing Offences against Navigation Rules during the official year 1897–98.

Nature and description of boats.	Rule No. 1.		Rule No. 7.		Regulation No. 20.		Regulation No. 21.		Regulation No. 22.		Regulation Nos. 22 & 23.		Regulation No. 23.		Regulation No. 25.		Regulation No. 26.		Regulation No. 27.		Regulation No. 31.		Regulation No. 33.		Regulation No. 36.	
	For plying on canal without a toll ticket or license.		For refusing to convey all passengers for whom there is room irrespective of caste.		For not having a sufficient free board, i.e., for having over-loaded.		For mooring boat on towpath side.		Shipping and landing passengers at lock.		For stacking and loading cargo in an unauthorized place.		For unloading or for stacking goods on towpaths, i.e., canal bunds.		For mooring within the limits fixed by notice boards.		For not having masts down or a man in charge of boat or exhibited a clear light between sunset and sunrise or the vessels made fast stem and stern to the bank in a single line when moored in canals.		For not having exhibited the required lights on boats or rafts.		For interfering with lock gates and gearings without being duly authorized.		For not having ticket or license always on board or produced it when called for by any duly authorized officer.		For damaging the works of canals.	
	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.	Boat number.	Number of days stopped.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Cargo boats	67050 T.	10					3504 L. 68377 T. 72707 T. 3555 L. 7532 L. 72708 T. 56607 T. 61453 T. 56608 T. 61451 T. 72611 T. 3520	5 5 5 5 5 5 5 5 5 5 10			1142 G.	6	L. 3538 L. 2397	2 2	2113	3	379 G. 2091 G. 72716 3520 T.T. 57397 No. 628 G.	1 15 10 7					T.T. 57370 L. 2288 & 2288 G.	2 3		
Passenger boats			400 L. L. 1622	1 1	T.T. 61357 (1997) T.T. 67150 (147) T.T. 61351 (B. No. 1997) 394 L.	8 1 8 7	1620 L.	5	67328 T. 219 G. 1622 L.	13 7			T.T. 62754 No. 2137	2	720 G. T. 61107 1095 T. 62492 R 551 G. T. 61104 1100 G. L. 1636 1632 G. T. 60597 1129	5 3 3 3 3 3	T.T. 56371 No. 999 G. T.T. 56356 No. 814 G. T.T. 56387 No. 818 G. T.T. 63067 No. 751 G. T.T. 57490 No. 534 K. T.T. 62994 No. 726 G. 75109 1115 G. T.	2 2 2 3 3 2 2	1603 1619 T.T. 56166 1088 G.T. 1629	15 15 7 1	1896 106 T.T. 62636 No. 555	8 2 7	1625 395 T.T. 63397 1194 G.D. T. 71507 1610 T. 71530 962 G.T. T.T. 75061 814 G.T. T.T. 75116 760 G.T. T.T. 75016 1127 G.T.	15 15 3 3 3 2 4 2	67328 T. 219 G. 1622 L.	13 7

To the Examiner, Public Works Accounts, dated 17th October 1898, No. 313.
From the „ „ „ „ 1st November 1898, No. 3733 B.

No. 286 I.

Note by the Chief Engineer for Irrigation.

The accompanying statements submitted by the Superintending Engineer, show the navigation receipts and charges of the canals of the Gódávari delta for the last official year 1897–98. After carrying out the corrections indic the Examiner of Public Works Accounts, the total receipts amount to Rs. 76, the charges to Rs. 1,12,231, resulting in a loss of Rs. 35,650 if interest (Rs. be included, or a profit of Rs. 6,581 if interest be excluded.

(Signed) W. HUGHES
Chief Engineer for Irrig

10th November 1898.

Order—No. 891 I., dated 15th November 1898.

Recorded.

(True Extract.)

Under Secretary to Governm
Irrigation B

To the Chief Engineer for Irrigation.
„ Superintending Engineer, I Circle.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

Public Works Department,
Irrigation Branch.

Navigation Acct

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Print with State

Under date the

Read the following

From the Supg: Engineer 1st Circle - No. 1474 G. D. dated 10th October 1898

To the Examiner P.W. Accounts - No. 313 dated 17th Octr/98

From ——— do ———, No. 3733 B/B dated 1st Nov/98

No 286 Idy. 10-11-98

Order

Note by the Chief Engineer for Irrigation

11P

Issue
W.H.
10.11.98

The accompanying statements submitted by the Supg: Engineer 1st Circle, show the navigation receipts and charges of the canals of the Godavari delta System for the last official year, 1897-98. After carrying out the corrections ~~suggest-ed~~ indicated by the Examiner of P.W. Accounts, the total receipts amount to Rs 76,581 and the charges to Rs 112,231, resulting in a loss of

Rs

Rs. 35,650 if interest (Rs. 42231) be included, or a profit of Rs. 6,581 if interest be excluded.

Order thereon No: 891 Dt/ 15.11.98.

Recorded.

7/11/98

128

To,
The Chief Engr for Irrigation ✓
" Supg: Engr I Circle.
" Examiner P.W. Accounts.
D. 14/11/98

E. I. Form No. 1—1,000—2-2-97.

5.11.98.

Public Works (1898) Department.

CURRENT No. 9360

Fl. 9 / A & B plea? 11/11

From The Chief Engineer for Irrigation

Order

To DEd for favour of marking instructions for the Press

D.
11/11/98

No. 2868

Dated 10.11.98
Received
Registered 11-11-98
Enclosures 8
Spare copies

SUBJECT.

Navigation receipts and charges of the canals of the Godavari Delta System for 1897-98 - Note reviewing the statements showing the —

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Public Works (1898) Department.

CURRENT No. 255

From The Examiner, P.W. Accts. Madras

Order

No. 3733 B/B

Dated 1st November 1898
Received
Registered } 2 - do -
Enclosures 7 ✓
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SUBJECT.

Navigation Receipts and Charges — Returns verified the statements of — Godavari Delta System

F.E.S.

JHB 2/11

LCB 7/11/98 √

23B 2/11

BACK PAPERS.

No.	Date.
313	of 98

8

FURTHER PAPERS.

No.	Date.

E- No. 27.
1,000—16-5-98.

KEEP-WITH CURRENT No.

dated 189 .

GOVT. OF MADRAS. } 1898. { P.W. DEPT.

EXAMINER, P. W. ACCOUNTS.

[illegible]

Madras, 1st November 1898.

OFFICE NOTE No. 3733 B/B

To

E.I.

CHIEF ENGINEER FOR IRRIGATION.
2 NOV. 1898
No. 255

Your Office Note No 313 dated 17th. October 1898

Herewith the statements received with the above. Of these, the total Capital outlay in statement A(I), and items 11 to 15 under "Receipts" and item 7 under "Charges" in statement A have been verified; as also the corresponding items in statement P.

2. According to the Divisional Accounts of 1897-98, the following corrections should be made in the statement A.

	For Rs	Read Rs
Receipts		
Item 16	472	435
Total	76611	76581
Charges		
Item 8	181	161
Total	70020	70000

3. The remaining items in statements A and P, C and D are not

susceptible

susceptible of any check in this Office.

W.
7.11.98

C.

Public Works (1898) Department.

EXAMINER,
P. W. ACCOUNTS.
21 OCT. 1898
No.

CURRENT No. 200 G.D.

From W. C. De Morgan Esqr M.I.C.E.
Supdg Engr 1st Circle

Order No 313 d/ 17-10-98

Forwarded to the Examiner of Public Works Accounts for verification of receipts and outlay and early return.

D.E.J
17/10/98

17-10-98

F.E.J
15/10

No. 1474 G.D.

Dated	10. Octr. 1898.
Received / **Registered**	15 — do —
Enclosures	5 Statements.
Spare copies	

SUBJECT.

Statements A, AI, B, C & D showing navigation receipts and charges of the Godavari System of Canals — Submits the usual annual — for the official year 1897-1898.

CHIEF ENGINEER FOR IRRIGATION
2 NOV. 1898
No. 7/255

15/10/98

susceptibl

BACK PAPERS.

No.	Date.

9ws.7
9360[58

FURTHER PAPE

No.	Date

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occupants. Demands from officers of other departments were also fewer.

7. The decrease on item 8 is due to fewer demands for steamers for hire during the year compared with those of the previous year.

8. The decrease on item 10 is due to the length of Canal berms occupied by the L.F. Department, during the year being less than in the previous year.

Charges.

9. The increase on item 11 is very small and calls for no remarks.

10. The decrease on item 12 is due to the cost of repairs to locks and lock weirs during the year being less than in the previous year.

11. The decrease on item 13 is due to buildings being in good order.

12. The decrease on item 14 is due to the write-back during the year of the cost of Stoneware pipes charged to the work "Forming towpath in the left margin of Cocanada Canal below Kovvur lock in the Accounts of 1896-97.

13. The decrease on item 15 is due to less dredging work required during the year than in the previous year.

14. The increase on item 16 is chiefly due to the write-back during the year to "Maintenance and repairs" of outlay on certain Estimates for diversions of Canals charged last year to Capital.

FROM

SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION

DATED
DESPATCHED } 189 .
RECEIVED

NO.

ENCLOSURES

SUBJECT.

CHIEF ENGINEER
FOR IRRIGATION.
15 OCT. 1898
200 GD

CHIEF ENGINEER FOR IRRIGATION
-NOV. 1898

---

15. The decrease on item 17 is due to the fewer repairs to Staff boats required during the year than in the previous year.

16. The decrease on item 18 is chiefly due to the smaller outlay on repairs to Rest houses on Canals during the year.

17. It will be seen from Statement D that, during the year under review, punishments in 63 Cases were inflicted for infringement of Navigation rules against 68 Cases in the previous year.

I have the honour to be,
Sir,
Your Most obedt Servt.

W D Morgan
11. 10

Supdg Engineer 1st Circle

4B

Enclo to SE I No 4174 98
11.10.98

EXAMINER
P. W. ACCOUNTS.
21 OCT. 1898

A. Statement of Receipts and Charges, Godavari Delta Navigation for the Official year 1897-1898

Receipts for the official year 1897-98

Description	Amount
1. License fees for passenger boats	3,263
2. Do for Cargo boats	18,874
3 Do for Steamers private	•
4 Do for miscellaneous including private boats and duplicate license fees	432
5 Tolls on Government Steamers & dredges	•
6. Do on passenger boats	10,258
7 Do on Cargo boats	29,358
8 Do on private Steamers	12
9 Do on miscellaneous	223 ~~[illegible]~~
10 Do on rafts	9,874
11 Rents collected from Staff boats	2,037 ✓
12 Fees collected for painting Nos on boats	283 ✓
13. Approximate navigation receipts from Koonur Manjair Junction Canal credited to incorporated local and 43 minor works and navigation	-208 ✓
14 Profit on boat office at end of 1897-98	1,737
15 Refunds of navigation receipts	-5 ✓
16. Rents on Canal berms	435 ~~472~~
	~~75,611~~ 76,581
Loss	~~35,640~~ 35,650
Total	~~112,251~~ 112,231 ✓

Charges for the official year 1897-98

Description	Amount
1. Navigation Establishment including boat Supdt	23,202
2. Lock & Lock weir repairs	22,583
3. Navigation buildings	299
4. Towpath maintenance	-129
5. Dredging	3,579
6 Share of Canal maintenance	15,880
7. Repairs of Staff boats	2,26
8. Charges for painting Nos on boats	161 ~~181~~
9. Maintenance including Charges not appertaining to the 1st eight items	2,16
	~~70,020~~ 70,000
Interest at 2% on Capital outlay during the year on navigation works proper	"
Interest for the year on Capital outlay on navigation works proper to end of 1896-97 at 4%	42,2
Total	~~112,25~~ 112,23

CHIEF ENGINEER
FOR IRRIGATION.
15 OCT. 1898
200 GD

W D Morgan

Supdg Engineer 1898

FROM

TO

DATE
DESP
RECE

CHIEF ENGINEER
FOR IRRIGATION.
2-NOV. 1898
No. 1/255

A.I Statement of Capital outlay on Navigation works proper of the Godavari Delta from the year 76-77 inclusive

EXAMINER,
P. W. ACCOUNTS
21 OCT. 1898
No.

Sections of delta	End of 1896-97	For 1897-98	Total
Eastern Delta	347,764	"	347,764
Central Delta	2,58,174	"	2,58,174
Western Delta	4,49,832	"	4,49,832
Total	10,55,770	"	10,55,770

W. R. Morgan

Supdg Engineer 1st Circle

CHIEF ENGINEER
FOR IRRIGATION.
15 OCT. 1898
No. 200 G.O.

Chr 2
836-/58

CHIEF ...
FOR IR...
2? NOV. 1898
No. 2/55

B. Statement Showing the Navigation Receipts for the official year 1897-1898.

Item No.	Particulars	Offl year 1896-97					Official year 1897-98				
		Class	Total No.	Measured tonnage licensed at 50 cft per ton	No. of passengers licensed to Carry	Amount of license fees + tolls	Class	Total No.	Measured tonnage licensed at 50 cft per ton	No. of passengers licensed to Carry	Amount of license fees + tolls
1	2	3	4	5	6	7	8	9	10	11	12
1	License fees for passenger boats	1st Class									
2	Do for Do	2nd Class	59	1307	3070	3578	2nd Class	56	1249	2922	3263
3	Do for Cargo boats	—	494	12365	-	27561	"	346	8627	-	18874
4	Do for Steamers private										
5	Do for Miscellaneous (including private boats + pleasure boats + duplicate license fees	—	-	-	-	301	"	"	"	"	432
6	Tolls on Govt Steamers and dredges	-	-	-	-	-	-	-	-	-	-
7	Do on passenger boats	-	-	-	-	10105	-	-	-	-	10258
8	Do on Cargo boats	-	-	-	-	26077	-	-	-	-	29358
9	Do on Miscellaneous	-	-	-	-	174	-	-	-	-	216
10	Do on rafts	-	-	-	-	13130	-	-	-	-	9874
11	Rents Collected from Staff boats	-	-	-	-	2213	-	-	-	-	2037
12	Tolls on private Steamers	—	-	-	-	86	.	.	.	.	12
13	Fees Collected for painting No. on boats	.	.	.	.	432	.	.	.	.	283
14	Approximate navigation receipts from Koovur-Manipai Junction Canal credited to Incorporated Local + 43 minor works and navigation.	.	.	.	.	-200	.	.	.	.	-200
15	Profit on boat office	.	.	.	.	2476	.	.	.	.	1737
16	Refunds of navigation receipts					-24					-5
17	Rents on Canal berms.					892					472
	Total	-	553	13672	3070	86801	-	402	9876	2922	76811
		6	6	6	6	6	6	6	6	6	6

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W D Morgan

EXAMINER,
P. W. ACCOUNTS
21 OCT. 1898
No.

CHIEF ENGINEER
FOR IRRIGATION
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CHIEF ENGINEER
FOR IRRIGATION
2 NOV. 1898
3/255

7B

C. Statement showing the total Maintenance Charges on Navigable Canals of the Godavari Delta for the year 1897-98.

Description	Total Charges for 1897-98	Debitable to navigation		Debitable to Irrigation	
		Rate	Amount	Rate	amount
1. Navigation Establishment	23,202	Whole	23,202		
2. Locks and Lock weir repairs	22,583	Do	22,583		
3. Navigation buildings	299	Do	299		
4. Tow-path maintenance	-129	Do.	-129		
5. Dredging	3,579	Do.	3,579		
6. Share of Canal maintenance	(a) 15,880	one-fourth	3,970	×	11910
7. Repairs to Staff boats	2,264	Whole	2,264		-
8. Charges for painting No. on boats	~~184~~ 161	Do	~~184~~ 161		
9. Miscellaneous (including charges not appertaining to the 1st eight items	(b) 2,161	one-fourth	540	-	1621
Total	~~70,020~~ 70,000	"	~~56,489~~ 56,469		13,53

N.B. (a) This amount represents expenditure on the following items as laid down in G.O. 4609/6.8.98
i. Repairs to Canal banks (one-fourth of this is chargeable to navigation)
ii Silt clearance (one fourth of this is chargeable to ~~irrigation~~ navigation)
iii Mile & avenue Coolies (do - do - to navigation.
(b) This item represents expenditure on repairs to masonry works other than locks & weirs.

W. D. Morgan
Supt. Engineer 1st Cir

EXAMINER,
P. W. ACCOUNTS.
21 OCT. 1898
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CHIEF ENGINEER
FOR IRRIGATION.
15 OCT. 1898
No. 200 GD

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Occ.4
5360/58

CHIEF ENGINEER
FOR IRRIGATION.
2 NOV. 1898
No. 4/255

CHIEF ENGINEER
FOR IRRIGATION.
15 OCT. 1898
No. 200 G.D.

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EXAMINER,
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D. Memorandum showing offences against Navigation rules during the official year 1897-98.

Nature and description of Boats.	Rule no. 1 For plying on canal without a toll ticket or Licence.		Rule no. 7. For refusing to convey all passengers for whom there is room irrespective of caste.		Regulation no. 20. For not having a sufficient free board, ie, for having over loads.		Regn no. 21 For mooring boat on towpath side.		Regn no. 22. Shipping and landing passengers at lock.		Regn no. 22/23 For stacking and loading cargo in an unauthorised place.		Regulation 23 For unloading or for stacking goods on tow-paths i.e. canal bunds.		Regulation 25 For mooring within the limits fixed by notice boards.		Regulation 26 For not having masts down or a man in charge of boat or exhibits a clear light between sunset and sunrise or the vessels not made fast stem & stern to the bank in a single line when moored in canals.		Regn 27. For not having exhibited the required lights on boats or rafts.		Regn 31. For interfering with lock gates and gearings without being duly authorised.		Regn 33. For not having ticket or licence always on board or produce it when called for by any duly authorised officer.		Regn 36. For damaging the works of Canals.	
	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped	Boat No.	No. of days stopped
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Cargo boats	67050 T	10					3504 L 68377 T 72707 T 3555 L 7832 L 72708 T 56607 T 61453 T 56608 T 61451 T 72611 T 3520	5 days 5 days 5 5 5 5 5 5 5 5 5 10			1142 G	6 days	L 3538 L 2297	2 days 2 days	2113	3 days	379 G 2091 G / 72716 3520 T.T. 57397 no. 628 G	1 day 15 days 10 7					T.T. 57370 L. 2288 / 2288 G	2 days 3 days		
Passenger boats			402 L L 1622	1 day 1 day	T.T. 61357 (1997) T.T. 67150 (1447) T.T. 61351 (G. no. 1997) 394 L	8 days 1 day 8 days 7 days	1620 L	5	67308 T / 2199 1622 L	13 7			T.T. 62?? no. 21??	2 days	720 G T. 61107 / 1095 62428 / 55 G T. 61104 / 1100 G L 1636 / 1632 G T. 60597 / 1129	5 3 days 3 days 3 days 3 days 3 days	T.T. 56371 no. 999 G T.T. 56356 no. 814 G T.T. 56387 no. 816 G T.T. 63067 no. 757 G T.T. 57490 no. 534 L T.T. 62994 no. 726 G 75109 / 1115 G.T.	2 days 2 days 2 days 3 days 3 days 2 days 2 days	1603 1619 T.T. 56166 / 1088 G.T. 1629	15 15 7 days 1 day	1896 106 T.T. 62636 no. 555	8 2 7 days	1625 395 T.T. 63397 / 1194 G.D T. 71507 / 1610 T. 71530 / 962 G.T. T.T. 75061 / 814 G.T. T.T. 75116 / 760 G.T. T.T. 75016 / 1127 G.T.	15 15 3 days 3 days 3 days 2 days 4 days 2 days	67328 T / 2199 1622 L	13 7

W L Morgan

Suptg Engineer
1st Circle

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5360/98

CHIEF
FOR IR
2-NOV. 1898
No. 3/255

No. 1474 G.D.

EXAMINER, FROM
P. W. ACCOUNTS
21 OCT. 1898
No.

Enclosures.

5 Statements

W. C. De Morgan Esqr. M.I.C.E.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

Waltair ~~DOWLAISHWERAM~~, 10/12. 10. 1898.

SIR,

I have the honour to submit herewith the usual annual statements A, AI, B, C & D showing navigation receipts and charges of the Godavari System of Canals for the official year 1897-98.

2. The Subjoined Statement exhibits the receipts & Charges of the year as compared with those of the previous year

	1897-98	1896-97	Increase	Decrease
Receipts.				
1. License fees for Passenger boats	3263	3578		315
2. Do for Cargo boats	18,874	27,561		8687
3 Do for Steamers private	·	·		·
4 Do for miscellaneous including private & pleasure boats & fees for numbering boats duplicate license fees rents of canal flats &c	715	783		68
5. Tolls on all kinds of boats and rafts	49,718	49,572	146	·
6. Rents of Staff boats	2,037	2,213		176
7. Approximate navigation receipts from Kovur Manjair Junction canal credited to Incorporated Local and 43 Miles works and Navigation	-200	-200	·	·
8 Profit on Boat office	1,737	2,476		739
9. Refunds of navigation receipts	-15	-24		-19
10. Rents of Canal berms	472	892		420
Total	76,611	86,851	146	10,386
Charges				
11. Navigation Establishment including boat Supdt	23,202	23,050	152	
12. Lock and lock weir repairs	22,583	23,170		587
13. Navigation buildings	299	772		473
14. Tow path maintenance	-129	328		457
15. Dredging	3,579	3,699		120
16. Share of Canal maintenance	15,880	13,469	2,411	–
17. Repairs of Staff boats	2,264	3,204		940
18. Miscellaneous including any charges not appertaining to the above items	2,342	3,091		749
Total	70,020	70,783	2,563	3,326

Receipts

3. The decrease on items 1 & 2 may be attributed chiefly to the falling off of trafic by the Canal route owing to the completion of the E. C. Railway.

4. The decrease on item 4 is trifling and calls for no remarks.

5. The increase on item 5 is due to the increase in the No of boats plying on 6 weeks' tickets.

6. The decrease on item 6 is due to some of the boats being idle during the year for want of occupants.

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