Public Works (1898) Department.

G.O., No. 962 I

DATED 17 Dec'98

[Despatch Abstract.]

Staff Cadets of the Thatta Delta System

Note by the Chief Engineer for Irrigation reviewing the working of the Irrigation (the year) during 1897-98, records Ed.

100/4

Indexed 17/12

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. 962 I., 17th December 1898.

DECEMBER.

Staff Boats of the Kistna Delta System

Note by the Chief Engineer for Irrigation reviewing the working of the — during the year 1897–98, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From J. S. WILSON, Esq., Executive Engineer, Kistna Eastern Division, to the Superintending Engineer, II Circle, dated 28th September 1898, No. 450 S.E.

I have the honour to submit herewith the annual statements on the working of the staff boats in the Kistna delta during 1897–98.

2. The total earnings up to 31st March 1898 were Rs. 20,094–10–10 and the total cost of repairs, Rs. 19,496–2–5, leaving a balance of Rs. 598–8–5 for repairs and reconstruction against Rs. 16,196 required.

3. The reduction in the balance available is due to the reduction in rates of rents in the case of boats under occupation by subordinates and also to the fact that nearly all the boats have been repaired at a cost exceeding the estimated scale for annual repairs previously laid down, this being due to their increasing age.

4. The actual expenditure during 1897–98 was Rs. 5,191–1–11.

ENCLOSURES.

I.

STATEMENT showing the dates of completion, earnings, &c., of the staff boats constructed, purchased, &c., prepared agreeably to G.O., No. 1749 of the 7th July 1873 for 1897–98.

Number of boat.	Name of boat or officer using.	Date of completion or purchase year.	Cost, amount.	Monthly rent.	Amount received up to end of March 1898.	Amount spent on repairs up to end of March 1898.	Amount reserved for repairs and re-construction up to end of March 1898.
1	2	3	4	5	6	7	8
			Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.
XI	A. W. Campbell, Esq., Assistant Engineer, 3rd grade	Built at Bezwada in 1881–82	1,621	30	3,878 13 11	3,382 8 5	496 5 6
		Special repairs in 1889–90	399				
		Do. in 1897–98	414				
			2,434				
XII	A. G. Romilly, Esq., Assistant Engineer, 1st grade	Built at Bezwada in 1881–82	1,621	30	3,779 9 6	2,973 11 11	805 13 7
		Special repairs in 1889–90	375				
		Do. in 1895–96	617				
		1897–98	18				
			2,631				
XIV	Sergeant C. J. Smith, Supervisor, 2nd grade	Built at Bezwada in 1883–84	1,855	24	2,404 9 0	2,586 9 3	— 182 0 3
		Cost of new sails provided 1889–90	43				
		Special repairs in 1896–97	460				
		Do. in 1897–98	269				
			2,127				
XV	J Hannan, Esq., Superintending Engineer	Built at Bezwada in 1885–86	1,898	35½	2,945 3 11	4,302 7 11	— 1,357 4 0
		Special repairs in 1890–91	53				
		Do. in 1896–97	1,356				
			3,307				
XVI	Sergeant T. P. Dillon, Overseer, 1st grade	Built at Bezwada in 1887–88	1,556	30	1,864 1 0	1,386 11 0	477 6 0
XVII	M.R.Ry. S. Panchapagesa Iyer, Supervisor, 1st grade	Received from Buckingham canal division in 1891–92	990	16	742 6 7	1,358 5 3	— 615 14 8
		Special repairs in 1897–98	366				
			1,956				
XVIII	J. S. Wilson, Esq., Executive Engineer, 3rd grade	Built at Bezwada in 1891–92	2,486	30	1,525 13 0	1,377 12 9	148 0 3
		Special repairs in 1897–98	76				
			2,562				

Statement showing the dates of completion, earnings, &c., of the staff boats constructed, &c.—*cont.*

Number of boat.	Name of boat or officer using.	Date of completion or purchase year.	Cost, amount.	Monthly rent.	Amount received up to end of March 1898.	Amount spent on repairs up to end of March 1898.	Amount reserved for repairs and re-construction up to end of March 1898.
1	2	3	4	5	6	7	8
			Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.
XIX ..	Sergeant J. Ruck, Supervisor, 2nd grade	Built at Bezwada in 1893–94	1,815	30	865 0 10	530 0 8	335 0 2
		Special repairs in 1897–98	76				
			1,891				
XX ..	W. C. Lewis, Esq., Executive Engineer	Built at Bezwada in 1893–94	2,271	30	1,023 4 2	850 2 2	173 2 0
		Special repairs in 1897–98	53				
			2,324				
XXI ..	M.R.Ry. G. R. Venkatrama Iyer, Avargal, Assistant Engineer.	Built at Bezwada in 1892–93	1,721	30	922 3 4	452 4 9	469 14 7
Superintending Engineer, Camp Clerk's boat.	M.R.Ry. G. Lakshmana Row Pantulu, Overseer ..	Built at Bezwada in 1892–93	359	As. 4 a day.	143 9 7	345 8 4	— 201 14 9
		Special repairs in 1893–94 and 1894–95 ..	207				
			566		20,094 10 10	19,496 2 5	598 8 5
					Deduct net deficit on boats sold in previous years ..		3,824 5 8
						Balance ..	— 3,225 13 3
						Income during the year ..	1,645 0 5
						Deduct expenditure during the year ..	5,191 1 11
						Net ..	— 3,546 1 6
						Add surplus at end of last year ..	320 4 3
						Total Surplus ..	— 3,225 13 3

II.

Statement showing the actual amount at credit of each existing boat at end of 1897–98 and the amount required as laid down in G.O., No. 662 I., dated 26th August 1878.

Number of boat.	Original cost.	Actual credit.	Required credit.	Remarks.
	Rs.	Rs.	Rs.	Rs. A. P.
XI (More than 12 years)	2,434	496	2,434	2 2 6 Due.
Do.	2,531	806	2,531	10 2 6 ,,
XII {	2,127	— 132	2,127	5 12 0 ,,
XIV { Do.	3,307	— 1,357	3,307	18 12 2 ,,
XV { Do.	1,556	477	1,297	2 9 0 ,,
XVI (1/2 of Rs. 1,556	778	— 616	791	5 6 9 ,,
XVII (1/2 of Rs. 1,365	1,365	148	1,494	8 11 4 ,,
XVIII (1/2 of Rs. 2,562	2,562	385	630	21 4 8 ,,
XIX (1/2 of Rs. 1,891	1,891	173	776	17 6 9 ,,
XX (1/2 of Rs. 2,324	2,324	470	674	17 6 9 ,,
XXI (1/2 of Rs. 1,721	1,721	— 202	236	4 0 5 ,,
Superintending Engineer's Camp Clerk's boat (1/2 of Rs. 566)	566	598	16,196	113 10 9 Dues.
Total ..	22,375			

III.

The earnings of the boats and the expenditure on their repairs during the year 1897–98.

Number of boats.	Rent or earnings.	Repairs expenditure.
	Rs. A. P.	Rs. A. P.
.. ..	163 2 1	654 3 3
XI	197 15 6	254 3 6
XII	104 5 1	926 14 8
XIV	125 1 3	1,525 10 7
XV	103 15 5	153 3 0
XVI	119 7 6	558 6 11
XVII	237 1 7	305 10 8
XVIII	65 3 4	268 15 10
XIX	259 0 0	282 12 4
XX	295 3 1	191 12 2
XXI	82 9 7	69 5 0
Superintending Engineer's Camp Clerk's boat ..		
Total ..	1,645 0 5	5,191 1 11

IV.

Statement showing the amount that should be debited to Revenue to bring up the actual credit to the amount of "required credit" calculated under the rules in force in regard to the finances of staff boats.

Number of boat.	Required credit calculated according to rules.	Actual credit as per statement No. I.	Balance required to be debited to Revenue.
	Rs.	Rs.	Rs.
Staff boat No. XI ..	2,434	496	1,938
,, XII ..	2,531	806	1,725
,, XIV ..	2,127	— 132	2,259
,, XV ..	3,307	— 1,357	4,664
,, XVI ..	1,297	477	820
,, XVII ..	791	— 616	1,407
,, XVIII ..	1,494	148	1,346
,, XIX ..	630	335	295
,, XX ..	775	173	602
,, XXI ..	674	470	104
Superintending Engineer's Camp Clerk's boat ..	236	— 202	438
Total ..	16,196	598	15,598

V.

STATEMENT showing the average cost of repairs of staff boats in Kistna Eastern Division for five years.

Number of boat.	Expenditure during 1893 to 1894.	1894 to 1895.	1895 to 1896.	1896 to 1897.	1897 to 1898.	Total of five years.	Average.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
XI	151	346	189	287	654	1,627	325	
XII	151	197	518	277	254	1,397	279	
XIV	177	331	74	..	927	1,509	302	
XV	193	527	389	..	1,526	2,635	527	
XVI	251	13	146	315	153	878	175	
XVII (Old No. VI) ..	101	244	159	152	558	1,214	243	
XVIII	232	175	87	450	306	1,250	250	
XIX	..	12	56	193	269	530	132	Built in 1893-94.
XX	3	130	188	247	283	851	170	
XXI	1	18	48	194	192	453	91	
Superintending Engineer's Camp Clerk's boat.	156	..	53	67	69	345	69	
Total ..	1,416	1,993	1,907	2,182	5,191	12,689	..	

No. 3588 K.E.

Forwarded to the Chief Engineer for Irrigation with its enclosures.

(Signed) J. HANNAN,
Suptg. Engineer, II Circle.

7th November 1898.

To the Examiner of Public Works Accounts, dated 10th November 1898, No. 341.
From the Examiner of Public Works Accounts, dated 22nd November 1898, No. 3698 B/A.

No. 305 I.

Note by the Chief Engineer for Irrigation.

The accompanying statements submitted by the Superintending Engineer, II Circle, show the result of the working of the staff boats of the Kistna Delta system for the year 1897-98. The total earnings of these boats up to the end of the year amounted to Rs. 20,094-10-10 and the charges to Rs. 19,496-2-5, leaving a balance of Rs. 598-8-5. The receipts during the year amounted to Rs. 1,645-0-5 or Rs. 3,546-1-6 below the charges which is attributed to nearly all the boats having been repaired at a cost exceeding the scale for annual repairs owing to their increasing age and to the reduction in the rate of rents in the case of boats under occupation by subordinates.

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

4th December 1898.

ORDER—No. 962 I., dated 17th December 1898.

Recorded.

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, II Circle.
" Examiner of Public Works Accounts.

Exd. Md. Pahilwan.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Staff boats of Kistna delta system
Note reviewing the statements showing
the working of the — during 1897-98

UNDER date the

READ the following

From the Supg. Engineer, 2nd Circle (Ag. No 3588. K.E. d/ 7th Nov 1898)

To the Exr of P. W. Accts (Ag. " 341 " " 10th Nov 1898)

Do " " do (Ag. " 3698 B/A " " 22nd do)

Note by the Chief Engineer for Irrigation (Ag. No 305. I. " 4th Dec 1898)

The accompanying statements submitted by the Supg. Engineer, 2nd Circle, show the result of the working of the staff boats of the Kistna Delta System for the year 1897-98. The total Earnings of these boats up to the End of the year amounted to Rs 20,094-10-10 and the charges to Rs 19496.2.5, leaving a balance of Rs 598-8-5. The receipts during the year amounted to Rs 1,645.0.5 or Rs 3,546-1-6 below the charges which is attributed to nearly all the boats having been repaired at a cost Exceeding the scale for annual repairs owing

to their increasing age,
and to the reductions
in the rate of rents in
the case of boats under
occupation by subordinates Sum. A.S.H.

order thereon No: 962 I dt 17.12.98.

—·—

Recorded. A.S.H.
12.12.98

C/W

9/8

To
The Chief Engr for Irrign. ✓
" Supg. Engr 2nd Circle
" Exr of P. W. Accts

D
16/12/98

E. I. Form No. 1—500—1-11-97

Public Works (1898) Department.

CURRENT No. 10428

From The Chief Engr for Irrign.

Order

No. 3052

Dated 4 - Decr 98.

Received 16.12.98

Registered

Enclosures 4

Spare copies

SUBJECT.

Staff boats of the Kistna
Delta System —— Note
regarding the working of
the —— during the year 97-98

Mr
A/B. Mear
X Mlys 9/12

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

2d Sig 1241 B a/3 E

Public Works (1898) Department.

CURRENT No. 262 KE

EXAMINER,
P. W. ACCOUNTS
14 NOV. 1898
No.

2d

No 341 d/ 10-11-98

From The Superintending Engineer
II Circle

Order

To C for verification of receipts & charges & early return.

No. 3588 KE

Dated 7. 11. 98.

Received } 10 Nov 98

Registered

Enclosures Two.

Spare copies

23 NOV. 1898
275

To I. No. 3968 B/A dated 22 Nov 98

Returned.

The receipts & Expenditure shown in statements Nos 1, 3 & 5 have been checked & found correct.

SUBJECT.

Staff boats — Submits Annual Statements on the working of the —

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No	Date.
1275	22-11-98

No 5 58

Statement showing the average cost of Repairs of Staff Boats in Kistna Eastern Division for five years.

Number of Boat	Expenditure during 1893-94	1894-95	1895-96	1896-97	1897-98	Total for five years	Average	Remarks.
XI	151	346	189	287	654	1627	325	
XII	151	197	518	277	254	1397	279	
XIV	177	331	74	.	927	1509	302	
XV	193	527	389	-	1526	2635	527	
XVI	251	13	146	315	153	878	175	
XVII (Old No VI)	101	244	159	152	558	1214	243	
XVIII	232	175	87	450	306	1250	250	
XIX	.	12	56	193	269	530	132	Built in 1893-94
XX	3	130	188	247	283	851	170	
XXI	1	18	48	194	192	453	91	
Superintending Engineers Camp cleks Boat.	156	.	53	67	69	345	69	
Total	1416	1993	1907	2182	5191	12689		

CHIEF ENGINEER FOR IRRIGATION. 10 NOV. 1898 2/262 W.

23 NOV 1898 3/275

28/2/98

Executive Engineer
Kistna Eastern Division

23.9.98

4/3/98

Enclosure.
No 1

Statement showing the dates of completion, earnings &c of the staff Boats constructed, purchased or prepared agreeably to G.O. No 1749 of the 7th July 1873 for 1897-98.

Number of Boat	Name of Head or Officer using	Date of completion or purchase Year	Cost Amount	Monthly rent	Amount received up to end of March/98	Amount spent on repairs up to end of March/98	Amount reserved for repairs and necessity for which up to 31st March/98
1	2	3	4	5 do	6	7	8
XI	A. W. Campbell Esqr. Assistant Engineer 3rd grade.	Built at Bezwada in 81/82	1621	30	3878.13.11	3382.8.5	496.5.6
		Special repairs in 89.90	399				
		do in 97.98	414				
			2434				
XII	A. G. Romilly Esqr. do 1st grade	Built at Bezwada in 81/82	1621	30	3779.9.6	2973.11.11	805.13.7
		Special repairs 1889.90	375				
		do 95.96	517				
		97.98	18				
			2531				
XIV	Sergt. C. J. Smith Superintendent II grade	Built at Bezwada 83.84	1355	24	2404.9.0	2536.9.3	-132.0.3
		Cost of new Sails provided 89.90	43				
		Special repairs 1896.97	460				
		do 97.98	269				
			2127				
XV	J. Hannan Esqr. Superintending Engineer.	Built at Bezwada 85.86	1898	35½	2945.3.11	4302.7.11	-1357.4.0
		Special repairs 90.91	53				
		do 96.97	1356				
			3307				
XVI	Sergt. F. R. Dillon Overseer	Built at Bezwada					

Kistna Godavari Division

Statement on the working of the staff boats during 1897-98.

SUPT. ENGINEER'S OFFICE, No. 4322 29 SEP. 98 P.W.D. SECOND CIRCLE.

EXAMINER, P. W. ACCOUNTS 14 NOV 1898

No 3

4 S/

The earnings of the Boats & the expenditure on their Repairs during year 1897-98.

Number of boats	Rent or Earnings	Repairs Expenditure
XI	163-2-1	654-3-3
XII	197-15-6	254-3-6
XIV	104-5-1	926-14-8
XV	126-1-3	1525-10-7
XVI	103-15-5	153-3-0
XVII	119-7-6	558-6-11
XVIII	237-1-7	305-10-8
XIX	65-3-4	268-15-10
XX	269-0-6	282-12-4
XXI	237-3-1	191-12-2
Superintending Engineer's Camp clerk's Boat	32-9-7	69-5-6
	1645-0-5	5191-1-11

No 4.

Statement showing the amount that should be debited to Revenue to bring up the actual credit to the amount of requisite credit calculated under the rules in force in regard to the finance of staff boats.

Number of boat.	Requisite credit calculated according to rules	Actual credit as per statement No 1	Balance requisite to be debited to Revenue
Staff boat No XI	2434	496	1938
XII	2531	806	1725
XIV	2127	-132	2259
XV	3307	-1357	4664
XVI	129	477	820
XVII	~~1699~~ 791	-616	~~1497~~ 2376
XVIII	1494	148	1346
XIX	630	335	295
XX	775	173	602
XXI	574	470	104
Superintending Engineer's camp clerk's boat	236	-202	438
Total's	~~17404~~ 16196	598	~~16806~~ 15598

No 2.

Statement showing the actual amount of credit due to boats & the amount required as laid down in G.O. No. 6162 dated 26th August 1898.

Number of boat.

	Original Actual Credit	Requisite Credit	Remarks.
XI (since than 12 years)	496 / 2434	2434	2-2-5 due
XII "	806 / 2531	2531	10-2-6 "
XIV "	-132 / 2127	2127	5-12-0 "
XV "	1357 / 3307	3307	18-12-2 "
XVI "	477 / 129	129	2-9-0 "
XVII "	~~616~~ / ~~1699~~	~~1699~~	5-6-9 "
XVIII "	148 / 1494	1494	8-11-4 "
XIX "	335 / 630	630	21-4-8 "
XX "	173 / 775	775	17-6-9 "
XXI "	470 / 574	574	17-6-9 "
Superintending Engineer's Camp clerk's Boat (5 years)	-202 / 236	236	4-0-5 "
	~~598~~ / ~~17404~~ 16196	~~17404~~ 16196	113-10-9 due

Executive Engineer
Eastern Div.

CHIEF ENGINEER FOR IRRIGATION. 10 NOV. 1898

EXECUTIVE ENGINEER 14 NOV 1898

Copy of letter from J. S. Wilson Esquire, Executive Engineer Khulna Eastern Division to the Superintending Engineer Circle, dated 28th September 1898 No 4505 S.B.

ENGINEER ORGANISATION. 10 NOV. 1898 No 262 K.S.

I have the honor to submit herewith the annual statements on the working of the staff Boats in the Khulna Delta during 1897-98.

2. The total earnings up to 31st March 98, were Rs 20,094-10-6. and the total cost of Repairs Rs 19,496-2-5 leaving a balance of Rs 598-8-5 for repairs and re-construction against Rs 16,196 required.

3. The reduction in the balance available is due to the reduction in rates of rents in the case of boats under occupation by subordinates and also to the fact that nearly all the boats have been repaired at a cost exceeding the estimated sum for annual repairs previously laid down, this being due to their increasing age.

4. The actual expenditure during 1897-98 was Rs 5191-1-11.

No

No 3588/98
7.11.98.

Encls 2

Forwarded to the Chief Engineer

for Irrigation with its enclosures.

Superintending Engineer Hansle.

P. W. ACCOUNTS
14 NOV 1898

10 B