

Public Works (189) Department.

G.O., No. 1024
2nd December '89
DATED 2nd Dec 89

[Despatch Abstract.]

Staff boats of the Krishna delta system.
Recording the statements, submitted by
the S.E. II Circle, showing the working
of the — for the year 1898-89.

100
5.

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 {1899} of Madras. PUBLIC WORKS.

Recd.

Regd.

} 1899.

Enclosures

Spare copies

G.O., No. 1024 I., 2nd December 1899.

DECEMBER.

Staff Boats of the Kistna Delta System

Recording the statements, submitted by the Superintending Engineer, II Circle, showing the working of the — for the year 1898-99.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From the Superintending Engineer, II Circle, dated 26th October 1899, No. 373 I.

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 1898-99.

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 1899.	Amount spent on repairs up to end of March 1899.	Amount reserved for repairs and re-construction up to end of March 1899.
1	2	3	4	5	6	7	8
XI	A. W. Campbell, Esq., Assistant Engineer, 3rd grade..	Built at Bezvada, 1881-82 Special repairs in 1889-90 Do. in 1897-98	Rs. 1,621 399 414	30	4,046 14 11	3,571 11 5	474 3 6
XII	E. W. Formby, Esq. .. do. ..	Built at Bezvada in 1881-82 Special repairs in 1889-90 Do. in 1895-96 Do. in 1897-98	Rs. 1,621 375 317 18	30	3,998 15 1	3,066 7 10	932 7 3
XIV	M.R.Ry., G. R. Venkatarama Iyer Avergal, n.c.p., Assistant Engineer, 1st grade ..	Built at Bezvada in 1883-84 Cost of new sails provided in 1889-90 Special repairs in 1896-97 Do. in 1897-98	Rs. 2,531 1,355 43 460 289	24	2,585 10 0	2,644 8 8	108 14 8
XV	J. Hannan, Esq., Superintending Engineer, first-class.	Built at Bezvada, 1885-86 Special repairs in 1890-91 Do. in 1896-97	Rs. 1,898 53 1,356	30	3,188 9 3	4,434 4 3	1,245 11 0
XVI	Sergeant T. P. Dillon, Overseer, 1st grade ..	Built at Bezvada in 1887-88	Rs. 3,307	30	1,967 6 9	1,593 13 6	373 9 3
XVII	M.R.Ry., S. Panchapakasa Iyer Avergal, Supervisor, 1st grade.	Received from Buckingham canal division in 1891-92.. Special repairs in 1897-98	Rs. 990 366	16	842 2 9	1,479 12 0	637 9 3
XVIII	M.R.Ry., S. A. Subrahmanya Iyer Avergal, Rai Sahib, B.A., B.C.E., Executive Engineer.	Built at Bezvada in 1891-92 Special repairs in 1897-98	Rs. 1,356 2,486 76	30	1,748 6 9	1,598 15 10	149 6 11

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 1898-99.—*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 1899.	Amount spent on repairs up to end of March 1899.	Amount reserved for repairs and reconstruction up to end of March 1899.
1	2	3	4	5	6	7	8
XIX	Sub-Conductor J. Ruck, Supervisor, 2nd grade	Built at Bezvada in 1892-93 Special repairs in 1897-98	Rs. 1,815 75	30	1,003 6 3	736 13 5	266 8 10
XX	J. S. Wilson, Esq., Executive Engineer, 3rd grade	Built at Bezvada in 1893-94 Special repairs in 1897-98 Do. in 1898-99	2,271 53 153	30	1,279 15 0	1,039 13 9	240 1 3
XXI	M. B. Kharigat, Esq., Assistant Engineer	Built at Bezvada in 1898-94	1,721	30	1,163 10 5	599 9 10	594 0 7
XXII	M. R. Ry., M. Kristnaswami Iyengar, Overseer, temporary.	Built at Bezvada in 1898-99	1,140	20	111 14 3		111 14 3
Superintending Engineer's camp clerk's boat	M. R. Ry., G. Lakshmana Row Pantulu, Overseer	Built at Bezvada in 1892-93 Special repairs in 1893-94 and 1894-95	359 207	Rs. A. P. 0 4 0 a day	188 1 0	476 15 2	288 14 2
		Total ..	566		22,105 0 5	21,242 13 8	862 2 9
							3,824 5 8
							Balance ..
							Income during the year ..
							Deduct—expenditure during the year ..
							Net ..
							Add—surplus at end of last year ..
							Total surplus ..

Deduct—net deficit on boats sold in previous years ..

Balance ..

Income during the year ..

Deduct—expenditure during the year ..

Net ..

Add—surplus at end of last year ..

Total surplus ..

II.—STATEMENT showing the actual amount at credit of each existing boat at end of 1898-99 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	475	2,434	8 3 7
XII	2,531	932	2,531	12 9 3
XIV	2,127	109	2,127	5 12 11
XV	3,307	374	3,307	14 8 3
XVI (1½ of Rs. 1,556)	1,556	638	904	6 5 2
XVII (1½ of Rs. 1,356)	1,356	149	1,708	15 7 9
XVIII (1½ of Rs. 2,562)	2,562	267	788	6 1 6
XIX (1½ of Rs. 1,891)	1,891	240	1,033	4 5 8
XX (1½ of Rs. 2,479)	2,479	594	717	..
XXI (1½ of Rs. 1,721)	1,721	112	283	3 4 11
XXII New boat	666	—	289	..
Superintending Engineer's camp clerk's boat (1½ of Rs. 566.)	566	—	289	..
Total ..	23,670	861	17,258	78 13 3

III.—THE EARNINGS of the boats and the expenditure on their repairs during the year 1898-99.

Number of boats.	Rent of earnings.	Repairs, expenditure.
	Rs. A. P.	Rs. A. P.
XI	168 1 0	189 3 0
XII	219 5 7	92 11 11
XIV	131 1 0	107 15 5
XV	243 5 4	131 12 4
XVI	103 5 9	207 2 6
XVII	99 12 2	121 6 9
XVIII	222 9 9	221 3 1
XIX	138 5 5	206 12 9
XX	256 10 10	189 11 7
XXI	271 7 1	147 5 1
XXII	111 14 3	..
Superintending Engineer's camp clerk's boat	44 7 5	131 6 10
Total ..	2,010 5 7	1,746 11 3

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. 1.	Balance required to be debited to revenue.
	Rs.	Rs.	Rs.
Staff boat No. XI	2,434	475	1,959
" XII	2,531	932	1,599
" XIV	2,127	109	2,236
" XV	3,307	374	4,553
" XVI	1,556	638	1,052
" XVII	1,356	149	1,542
" XVIII	904	267	1,559
" XIX	1,708	240	521
" XX	788	240	793
" XXI	1,033	594	123
" XXII	717	112	112
Superintending Engineer's camp clerk's boat	283	—	572
Total ..	17,258	861	16,397

PROCEEDINGS OF THE MADRAS GOVERNMENT.

6

No. 1024 I., 2ND DECEMBER 1899.

V.—STATEMENT showing the average cost of repairs of Staff Boats in Kistna Eastern Division for five years

Number of boat.	Expenditure during					Total of five years.	Average.	Remarks.
	1894 to 1895.	1895 to 1896.	1896 to 1897.	1897 to 1898.	1898 to 1899.			
1	2	3	4	5	6	7	8	9
XI	Rs. 346	Rs. 189	Rs. 287	Rs. 654	Rs. 190	Rs. 1,666	Rs. 333	
XII	197	518	277	254	93	1,339	268	
XIV	331	74	..	927	108	1,440	288	
XV	527	389	..	1,526	132	2,574	515	
XVI	13	146	315	153	207	834	167	
XVII (Old No. VI)	244	159	152	558	121	1,234	247	
XVIII	175	87	450	306	221	1,239	248	
XIX	12	56	193	269	207	737	147	
XX	130	188	247	283	190	1,038	208	
XXI	18	48	194	192	147	599	120	
XXII	..	..	..	..	..	..	..	Built in 1898-1899.
Superintending Engineer's camp clerk's boat	..	53	67	69	131	320	64	
Total ..	1,993	1,907	2,182	5,191	1,747	13,020	2,604	

10th October 1899.

(Signed.) J. S. WILSON,
Ex. Engr., Kistna Eastern Division.

To the Examiner of Public Works Accounts No. 345, dated 30th October 1899.
From the .. No. 3614 B/A, dated 4th November 1899.

No. 226 I.

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, II Circle, submits the accompanying statements showing the working of the staff boats of the Kistna delta system for the year 1898-99. As corrected by the Examiner of Public Works Accounts the total earnings of these boats up to the end of the year amounted to Rs. 22,105-0-5, and the total charges to Rs. 21,242-13-8, leaving a balance of Rs. 862-2-9. The receipts during the year amounted to Rs. 2,010-5-7, or Rs. 263-10-4 more than the charges.

18th November 1899.

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

ORDER—No. 1024 I., dated 2nd December 1899.

Recorded.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

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

Exd. Shaik Karim.

Staff boats of the Kistna Delta System.
Note reviewing the statements showing the working of the —

UNDER date the

Read the following

From the Supg: Engineer, II Circle, No. 373. I. d. 26th October 1899.
To the Examiner of P.W. Accounts, No. 345 d. 30th — do —
From the —————, No. 3614 B/A d. 4th Nov/99.
No. 226. I. d. 18-11-99

Under Secy.

Note by the Chief Engineer for Irrigation

The Superintending Engineer, 2nd circle, submits the accompanying statements showing the working of the staff boats of the Kistna delta system for the year 1898-99. As corrected by the Examiner of P.W. Accounts the total earnings of these boats up to the end of the year amounted to Rs. 22,105-0-5, and the total charges to Rs. 21,242-13-8, leaving a balance of Rs. 862-2-9. The receipts during the year amounted to Rs. 2,010-5-7, or

22.11.99

WH

I

LCB
22/11/99

Rs 263.10.4 more than the charges.

Order thereon No: 1024 L. 72 12-99

Recorded.

R.S.H.

23.11.99

18/9
58

18.11.99

E. I. Form No. 1-1000-3-98.

75-11-99

To,
The Chief Engineer for Irrigation:
" Supg: - do - II Circle
a Examiner of P.W. Accounts.

19/12/99

14.12.11.99

12/12/99

Public Works (1899) Department.

CURRENT No. 9605

10249

From

The Chief Engineer for Irrigation

Order

No. 226 I.

Dated 18-11-99.

Received

Registered

27-11-99

Enclosures 4

Spare copies.

SUBJECT.

Staff boats of the Kistna delta system. Statements showing the working of the — for 1898-99. Note reviewing the—

BACK PAPERS.

FURTHER PAPERS.

No.

Date.

No.

Date.

Public Works (1899) Department.

CURRENT No. 220

From

The Examiner P.W. Accounts,
Madras & Co.

Order

No. 3614 B/A

Dated 4th November 1899

Received

Registered

6 - 50 -

Enclosures 3.

Spare copies.

SUBJECT.

Annual statements of the working
of Staff boats in the Krishna District
during 1898-99 — Returns the
— with remarks.

F. E. I.

6/11/99

1002
6/11/99

Register

1899

Amount reserved
for repairs
the construction
up to end of
March 60.

Name of boat or officer using	Date of completion or purchase year	Cost amount	Monthly Amount received up to end of March 1909	Amount spent on repairs up to end of March 1909
A. W. Campbell Esq.	Built at Berwada 1881-82	1621		
Assistant Engineer III grade	Special repairs in 1887-90	399		
	do — do — in 1897-98	414		
R. W. Formley Esq.	Built at Berwada in 1881-82	2434	30	4046 14 11 3572 2 11
Assistant Engineer III grade	Special repairs in 1889-90	375		
	do — do — in 1895-96	1517		
	do — do — in 1897-98	18		
		2531	30	3998 15 1 3066 7 10
H. R. Dy. G. D. Venkatakrana	Built at Berwada in 1883-84	1355		
Syee Murgal B.C.E.	Cost of new sails provided in 1887-90	43		
Assistant Engineer I grade	Special repairs in 1896-97	460		
	do — do — in 1897-98	269		
		2127	24	2535 10 - 2644 8 8
J. Hannon Esq.	Built at Berwada 1885-86	1898		
Superintending Engineer I class	Special repairs in 1890-91	53		
	do — do — in 1896-97	1356		
		3307	35 1/2	3188 9 3 4434 4 3
Sergeant T. S. Dillon Overseer	Built at Berwada in 1887-88	1556		
I grade	Received from Buckingham			
H. R. Dy. S. Saichampahera	Lam Canal Bu in 1891-92	990		
Syee Murgal Superintendent I grade	Special repairs in 1897-98	366		
		1356	16	842 2 9 1480 3 6
H. R. Dy. S. A. Indrakumarya	Built at Berwada in 1891-92	2486		
Syee Murgal Sai Sahib	Special repairs in 1897-98	76		
B.A. B.C. & Executive Engineer		2562	30	1748 6 9 1598 15 10
Talk Conductor J. Khok Supen	Built at Berwada in 1893-94	1815		
vicos II grade	Special repairs in 1897-98	76		
		1891	30	1003 6 3 736 13 5
J. F. Wilson Esq.	Built at Berwada in 1893-94	2271		
Executive Engineer III grade	Special repairs in 1897-98	53		
	do — in 1898-99	155		
		2479	30	1279 15 - 1039 13 9
H. R. Khariyal Esq. Asst Engr	Built at Berwada in 1892-93	1721		
H. R. Dy. H. Nisthawasani Esq.	Built at Berwada in 1898-99	1140		
Overseer Temporary			20	111 14 3 2075 14 8
	Carried over		21916	8 21916 5 5 2076 13 6

Inspector H. A. G. Sakumana
 Ins. Engineer for Franklin Dierker
 Humboldt
 Coast.

Brought over
 Built at Pensacola in
 1892-93.

Special repairs in 1893-94
 and 1894-95.

359
 207
 \$66
 No. 4-4
 8-4-2
 a day

21916 15 5	20766 13 6	1151
20765	14 6	11
188 1 -	476 15 2	-288 14 2
22105 0 5	21243 12 8	861 3 9
		862 2 9
		3824 5 8

Actual net deficit on work up to previous years -

Balance

2966 2 11
2010 5 7
1249 10 8

Amount during the year
 Deduct expenditure during the year

Actual surplus at end of last year

Actual surplus

263 10 4
262 11 4
-3225 13 3
2963 1 11
-2961 2 11

H. A. G. Sakumana
 Ins. Engineer
 10/10/99



EXAMINER
 OF ACCOUNTS
 7-11-1899

FOR INSPECTION
 6-NOV. 1899
 228

20765
 14 6
 188 1 -
 476 15 2
 -288 14 2
 861 3 9
 862 2 9
 3824 5 8
 2966 2 11
 2010 5 7
 1249 10 8
 263 10 4
 262 11 4
 -3225 13 3
 2963 1 11
 -2961 2 11
 11 OCT 1899
 1/239

EXAMINER.
W. ACCOUNTS
1899

FOR INFORMATION
6-NOV. 1899
228

II
Statement showing the actual amount at credit of each existing boat at end of 1898-99 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.
XI (More than 12 years)	2434	275	2434	8 37
XII (do)	2531	932	2531	12 93
XIV (do)	2127	-109	2127	5 12 11
XV (do)	3307	-1246	3307	14 83
XVI (1/2 of No 1556)	1556	374	1426	2 23
XVII (1/2 of No 1356)	1356	-638	904	6 52
XVIII (1/2 of No 2562)	2562	149	1708	15 79
XIX (1/2 of No 1891)	1891	267	788	6 16
XX (1/2 of No 2479)	2479	240	1033	4 58
XXI (1/2 of No 1721)	1721	894	717	- - -
XXII New boat	1140	112	-	3 41
Superintending Engineer's camp clerk's boat (1/2 of No 566)	566	-289	283	- - -
Total.	23670	861	17258	78 133

III
The earnings of the boats and the expenditure on their repairs during the year 1898-99.

Number of boats	Revt of earnings	Repairs expenditure	
XI	168 1	189 10 6	109 3 0
XII	219 5 7	92 11 11	
XIV	131 1	107 15 5	
XV	243 5 4	131 12 4	
XVI	103 5 9	207 2 6	
XVII	99 12 2	121 14 3	101 6 9
XVIII	222 9 9	221 3 1	
XIX	138 5 5	206 12 9	
XX	256 10 10	189 11 7	
XXI	271 7 1	147 5 1	
XXII	111 14 3	- - -	
Superintending Engineer's camp clerk's boat.	447 5	131 6 10	
Total	2010 5 7	1747 10 3	1746 11 3



30 OCT. 1899

1/239 10 3

EXAMINER,
P. W. ACCOUNTS.
7 - NOV 1899

FOR INFORMATION.
6 - NOV. 1899
220

Public Works (1899) Department.

CURRENT No. 239 K.S.

From
The Superintending Engineer
2 Circle

No. 373 I

Dated 26 October 1899

Received } 30 - do -
Registered }

Enclosures 2 statements
Spare copies

SUBJECT.

Annual balance sheet
working of the staff house
in the Koolna Sella house
1898-99. Forwards

Order No 3454/301099

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

FOR INFORMATION.
6 - NOV. 1899
220

10/11/99

DEJ
30/10

No. 36140/A dated 4 November 1899.

To

I.

Returned with the following re-
marks :-

(a) Statement I.

Boat XI. The figures in column 7
should be Rs: 3,571-II-5 as per
accounts rendered



30 OCT. 1899

1/239 K.S.

18-10-99

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. 1.	Balance required to be debited to Revenue
Staff boats No. XI	2434	475	1959
" " XII	2531	932	1599
" " XIV	2127	-109	2236
" " XV	3307	-1246	4553
" " XVI	1426	374	1052
" " XVII	904	638	1542
" " XVIII	1708	149	1559
" " XIX	788	267	521
" " XX	1033	240	793
" " XXI	717	594	123
" " XXII	"	112	-112
Superintending Engineer's camp clerk's boat	283	-289	572
Total	17258	861	16397

Statement showing the average cost of repairs of staff boats in Krishna Eastern Division for five years.

Number of boat	Expenditure during					Total of five years	Average	Remarks
	1894	1895	1896	1897	1898			
	95	96	97	98	99			
	No.	No.	No.	No.	No.	No.	No.	
XI	346	189	287	654	190	1666	333	
XII	197	518	277	254	93	1339	268	
XIV	331	74	-	927	108	1440	288	
XV	527	389	-	1526	132	2574	515	
XVI	13	146	315	153	207	834	167	
XVII (Old No. VII)	244	159	152	558	122	1235	247	
XVIII	175	87	450	306	221	1239	248	
XIX	12	56	193	269	207	737	147	
XX	130	188	247	283	190	1038	208	
XXI	18	48	194	192	147	599	120	
XXII	"	"	"	"	"	"	"	Built in 1898-99
Superintending Engineer's Camp clerk's boat	-	53	67	69	131	320	64	
Total	1993	1907	2182	5191	1747	13020	2604	

M. S. H. S.

Executive Engineer
Krishna Eastern Division

10/10/99

Please see if the pencil alteration figures should be attended to?

yes ✓
9/12/99
10/29/12/89

2

No. 1024 I., 2ND DECEMBER 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From the Superintending Engineer, II Circle, dated 26th October 1899, No. 373 I.

As some of the pencil entries are not clearly visible, please see if they are rightly inserted

Res. 4/9605/99

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 1898-99.

ENCLOSURES.

Number of boat.	Name of boat or officer using.	Date of completion or purchase year.	1898-99						Amount reserved for repairs and reconstruction up to end of March 1899.
			1	2	3	4	5	6	
XI	A. W. Campbell, Esq., Assistant Engineer, 3rd grade.	Built at Bezawada, 1881-82 Special repairs in 1889-90 Do. in 1897-98	..	..	..	Rs. 1,621 399 414	Rs. 30	Rs. 4,046 14 11	Rs. 47 3 46/100
XII	R. W. Formby, Esq. .. do. ..	Built at Bezawada in 1881-82 Special repairs in 1889-90 Do. in 1895-96 Do. in 1897-98	..	..	..	Rs. 1,621 375 517 18	30	3,573 4 37	47 3 46/100
XIV	M.R.Ry., G. R. Venkatarama Iyer Avergal, B.C.E., Assistant Engineer, 1st grade ..	Built at Bezawada in 1883-84 Cost of new sails provided in 1889-90 Special repairs in 1896-97 Do. in 1897-98	..	..	..	Rs. 2,531 1,355 43 460 269	30	3,998 15 1	932 7 3
XV	J. Hamman, Esq., Superintending Engineer, first-class.	Built at Bezawada, 1885-86 Special repairs in 1890-91 Do. in 1896-97	..	..	..	Rs. 2,127 1,898 53 1,356	24	2,535 10 0	108 14 8
XVI	Sergeant T. P. Dillon, Overseer, 1st grade ..	Built at Bezawada in 1887-88	..	..	..	Rs. 3,307 1,556	36 1/2	3,188 9 3	4,434 4 3
XVII	M.R.Ry., S. Panchapakasa Iyer Avergal, Supervisor, 1st grade.	Received from Buckingham canal division in 1891-92.. Special repairs in 1897-98	..	..	..	Rs. 990 366	30	1,967 6 9	1,593 13 6
XVIII	M.R.Ry., S. A. Subrahmanya Iyer Avergal, Rai Sahib, B.A., B.C.E., Executive Engineer.	Built at Bezawada in 1891-92 Special repairs in 1897-98	..	..	..	Rs. 1,356 2,488 76	16	842 2 9	1,400 1 1/2
						Rs. 2,562	30	1,748 6 9	1,598 15 10
									149 6 11

No. 1024 I., 2ND DECEMBER 1899.

Handwritten notes and signatures at the bottom right of the page.

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 1898-99—*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 1899.	Amount spent on repairs up to end of March 1899.	Amount reserved for repairs and re-construction up to end of March 1899.
			4	5	6	7	8
XIX	Sub-Conductor J. Ruek, Supervisor, 2nd grade	Built at Bezvada in 1893-94 Special repairs in 1897-98	Rs. 1,815 76	30	1,003 6 3	736 13 5	Rs. A. P. 266 8 10
XX	J. S. Wilson, Esq., Executive Engineer, 3rd grade	Built at Bezvada in 1893-94 Special repairs in 1897-98 Do. in 1898-99	2,271 53 155	30	1,279 15 0	1,039 13 9	240 1 3
XXI	M. R. Khargat, Esq., Assistant Engineer	Built at Bezvada in 1893-94	1,721	30	1,193 10 5	599 9 10	594 0 7
XXII	M.R.Ry., M. Krishnaawami Iyengar, Overseer, temporary.	Built at Bezvada in 1898-99	1,140	20	111 14 3		111 14 3
Super-intending Engineer's camp clerk's boat.	M.R.By., G. Lakshmana Row Pantulu, Overseer	Built at Bezvada in 1892-93 Special repairs in 1893-94 and 1894-95	359 207 566	Rs. A. P. 0 4 0 a day	188 1 0	476 15 2	— 288 14 2
Total					22,105 0 5	21,241 11 8	2,864 8 9
Deduct—net deficit on boats sold in previous years							3,824 5 8
Balance							— 2,960 11 11
Income during the year ..							2,010 5 7
Deduct—expenditure during the year ..							1,741 10 3
Net							268 14 3
Add—surplus at end of last year ..							— 3,226 13 3
Total surplus ..							— 2,958 11 11

No. 1024 I., 2ND DECEMBER 1899.

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II.—STATEMENT showing the actual amount at credit of each existing boat at end of 1898-99 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.
XI (More than 12 years)	Rs. 2,434	Rs. 475	Rs. 2,434	Rs. A. P. 8 3 7
XII " "	2,531	932	2,531	12 9 3
XIV " "	2,127	109	2,127	5 12 11
XV " "	3,307	1,246	3,307	14 8 3
XVI ($\frac{1}{2}$ of Rs. 1,556)	1,556	374	1,426	2 2 3
XVII ($\frac{1}{2}$ of Rs. 1,356)	1,356	638	904	6 5 2
XVIII ($\frac{1}{2}$ of Rs. 2,562)	2,562	149	1,708	15 7 9
XIX ($\frac{1}{2}$ of Rs. 1,891)	1,891	267	788	6 1 6
XX ($\frac{1}{2}$ of Rs. 2,479)	2,479	240	1,033	4 5 8
XXI ($\frac{1}{2}$ of Rs. 1,721)	1,721	594	717	..
XXII New boat	1,140	112	..	3 4 11
Superintending Engineer's camp clerk's boat ($\frac{1}{2}$ of Rs. 566.)	566	289	283	..
Total ..	23,670	861	17,258	78 13 3

III.—THE EARNINGS of the boats and the expenditure on their repairs during the year 1898-99.

Number of boats.	Rent of earnings.	Repairs, expenditure.
XI	Rs. A. P. 168 1 0	Rs. A. P. 189 10 0
XII	219 5 7	92 11 11
XIV	131 1 0	107 15 5
XV	243 5 4	131 12 4
XVI	103 5 9	207 2 6
XVII	99 12 2	121 10 1
XVIII	222 9 9	221 3 1
XIX	138 5 5	206 12 9
XX	256 10 10	189 11 7
XXI	271 7 1	147 5 1
XXII	111 14 3	..
Superintending Engineer's camp clerk's boat	44 7 5	131 6 10
Total ..	2,010 5 7	1,741 10 3

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. 1.	Balance required to be debited to revenue.
Staff boat No. XI	Rs. 2,434	Rs. 475	Rs. 1,959
" XII	2,531	932	1,599
" XIV	2,127	109	2,236
" XV	3,307	1,246	4,553
" XVI	1,426	374	1,052
" XVII	904	638	1,542
" XVIII	1,708	149	1,559
" XIX	788	267	521
" XX	1,033	240	793
" XXI	717	594	123
" XXII	..	112	112
Superintending Engineer's camp clerk's boat	283	289	572
Total ..	17,258	861	16,397

V.—STATEMENT showing the average cost of repairs of Staff Boats in Kistna Eastern Division for five years.

Number of boat.	Expenditure during					Total of five years.	Average.	Remarks.
	1894 to 1895.	1895 to 1896.	1896 to 1897.	1897 to 1898.	1898 to 1899.			
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
XI	346	189	287	654	190	1,666	333	
XII	197	518	277	254	93	1,339	268	
XIV	331	74	..	927	108	1,440	288	
XV	527	389	..	1,526	132	2,574	515	
XVI	13	146	315	153	207	834	167	
XVII (Old No. VI)	244	159	152	533	124	1,239	248	
XVIII	175	87	450	306	221	1,239	248	
XIX	12	56	193	269	207	737	147	
XX	150	188	247	283	190	1,038	208	
XXI	18	48	191	192	147	599	120	
XXII	..	..	..	..	..	..	..	Built in 1898-1899.
Superintending Engineer's camp clerk's boat	..	53	67	69	131	320	64	
Total ..	1,993	1,907	2,182	5,191	1,745	13,021	2,604	

10th October 1899.

(Signed.) J. S. WILSON,
Ex. Engr., Kistna Eastern Division.To the Examiner of Public Works Accounts, dated 30th October 1899, No. 345.
From the " " dated 4th November 1899, No. 3614 B./A.

No. 226 I.

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, II Circle, submits the accompanying statements showing the working of the staff boats of the Kistna delta system for the year 1898-99. As corrected by the Examiner of Public Works Accounts the total earnings of these boats up to the end of the year amounted to Rs. 22,105-0-5, and the total charges to Rs. 21,242-13-8, leaving a balance of Rs. 862-2-9. The receipts during the year amounted to Rs. 2,010-5-7, or Rs. 263-10-4 more than the charges.

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

18th November 1899.

ORDER—No. 1024 I., dated 2nd December 1899.

Recorded.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.To the Chief Engineer for Irrigation.
" Superintending Engineer, II Circle.
" Examiner of Public Works Accounts.

Exd Shaik Karim.

IRRIGATION.
ACCOUNT.

Staff Boats of the Kistna Delta System

Recording the statements, submitted by the Superintending Engineer, II Circle, showing the working of the — for the year 1898-99.

