

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1455	(W)	Press ~~Mis.~~
Dated	30 - 4 -	1877.	

Not to be folded or roughly handled

Read the following papers :—

No. 668. From Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 25th October 1876, No. 2,066.

I HAVE the honor to forward herewith two statements of expenditure and income derived from the first eleven trips made by the steamer *Wynegunga* up the river in the current official year, together with statements showing the details of income, from which you will observe that the net profit to Government in those trips is Rupees 2,349-10-11.

No. 668-A. From the same Officer, dated Dowlaishweram, 20th November 1876, No. 2,392.

IN continuation of my letter No. 2,066 of the 25th ultimo, I have the honor to forward herewith two statements, one showing the cost of the last two (12th and 13th) trips made by steamer *Wynegunga* up the river, and the other showing the income derived from the same.

2. The net profit for the thirteen trips has been Rupees 2,708-6-11.

No. 668-B. From the same Officer, dated Dowlaishweram, 14th February 1877, No. 3,255.

IN continuation of my letter No. 2,392 of the 20th November 1876, I have the honor to forward herewith further returns regarding the working of the Upper Godavery steamers during the year 1876, together with a statement showing the general results.

2 Statements of expenditure and income for the 14th, 15th and 16th trips.	
2 Do. showing the details of income for the 14th, 15th and 16th trips.	
1 Comparative statement.	
1 Statement showing the general results.	
1 Return of traffic on Dumagudem channel.	

2. I also send a comparative statement showing the number of passengers, quantities of different kinds of goods, &c., and miscellaneous receipts, during the years 1875 and 1876, from which it will be seen that there has been an increase of income of Rupees 1,490-8-5 in 1876 over that of 1875.

3. The net profit for the sixteen trips during the year has been Rupees 3,985-0-4.

4. The payments into treasury would have been much greater in the season of 1876 had it not been for two causes which have prevented larger returns from private cargo :—

(1.)—Chief Engineer's Circular No. 661 of 5th November 1875 was received so late in 1875 that the instructions contained in paragraph 2 could not be complied with that season, and consequently much of the cargo

*Proceedings of the Madras Government, Public Works Department,
30th April 1877. No. 1,455.*

space has been occupied this season with machinery, tools and plant, &c., under removal to Dowlaishweram for convenience of transfer to other districts.

(2.)—During the low freshes of this season an unusually large number of cargo boats were able to make their way up the river and these brought down much cargo which in ordinary seasons must have come by the steamer.

5. I think there is reason to believe that the running of the steamers is having a good effect on trade with the Upper Godavery, and that the merchants of Cocanada have begun to appreciate the convenience of this means of communication. One merchant has established a depôt of salt near Dumagudem, and others send up agents to purchase produce. If the running of the steamer were to cease now I have no doubt the mercantile community at Cocanada would at once petition Government on the subject. Two years ago they took little interest in the Upper Godavery.

6. The accompanying statement of traffic on the Upper Godavery Canal, from 1872 to 1876 inclusive, will also show the great increase in the quantity of timber exported last year and in the tonnage of boats trading with the Upper Godavery.

7. I have the honor to request sanction to prepare for running the steamer again in the freshes of 1877. The supply of firewood must be arranged for now in order that it may be cut and stacked at an early date, so that it may have time to dry before it is required for use.

Statement showing the Income derived from, and the Expenditure incurred on, the Trips made by Steamer "Wynegunga" up the River during the Season of 1876-77.

	No. of Trips.	Income.	Expenditure.	Profit.
		RS. A. P.	RS. A. P.	RS. A. P.
1	...	657 11 4	541 15 6	115 11 10
2	...	381 11 7	240 4 3	141 7 4
3	...	428 8 7	252 9 2	175 15 5
4	...	436 1 10	234 2 4	201 15 6
5	...	416 9 5	233 8 8	183 0 9
6	...	464 9 1	208 14 7	255 10 6
7	...	557 7 6	278 13 11	278 9 7
8	...	549 3 11	240 4 2	308 15 9
9	...	1,498 14 7	455 14 9	1,042 15 10
10	...	577 13 4	323 1 9	254 11 7
11	...	538 15 8	340 4 10	198 10 10
12	...	274 4 7	225 6 11	48 13 8
13	...	703 8 9	335 12 10	367 11 11
14	...	662 11 3	320 11 6	341 15 9
15	...	473 12 5	351 2 7	122 9 10
16	...	140 13 7	194 13 4	53 15 9
Total ...		8,762 13 5	4,777 13 1	3,985 0 4

*Proceedings of the Madras Government, Public Works Department,
30th April 1877. No. 1,455.*

Comparative Statement of Income derived from the Steamer running up the River in 1875-76.

Particulars of Merchandise, &c., conveyed.	1875.		1876.		* DIFFERENCE.		Remarks.
	Tons.	Amount.	Tons.	Amount.	Tons.	Amount.	
<i>Goods.</i>		RS. A. P.		RS. A. P.		RS. A. P.	
Gall-nuts	98-14	408 10 1	440-5	1,807 4 7	341-11	1,398 10 6	Sundries include the following articles:— Hemp, horns, hides, grease, ghee, jaggery, turmeric, garlic, coriander seeds, brass pots, fish, soap nuts, chillies, sugar, lead, pitch, oakum, coal tar, canvas, opium, gunnies, mats, cloths, wood, dubbers, tobacco, pickle pots, casks of oil and empty, red mud, white mud, thread, wax, honey, onions, papers, cigars, vegetables, and machinery, tools, &c.
Rice	69-18	450 14 8	128-4	1,102 7 0	58-6	651 8 4	
Wheat	7-12	48 6 5	9-10	54 8 5	1-18	6 2 0	
Salt	231-5	1,662 9 5	56-6	440 10 11	224-19	1,221 14 6	
Fruits	10-13	76 12 3	3-4	21 13 1	6-173	54 15 2	
Grains	213-0	1,744 15 3	134-12	486 6 3	108-8	1,258 9 0	
Sundries	32-133	180 9 0	533-13	2,507 0 7	500-193	2,426 7 7	
Total Goods ..	743-43	4,572 13 1	1305-14	6,520 2 10	562-91	1,947 5 9	
<i>Traffic.</i>	NO.		NO.		NO.		
Passengers, 1st-class ..	22	336 3 7	12	168 4 6	10	167 15 1	
Do., 2nd	11	33 9 5	9	64 0 0	2	30 6 7	
Do., 3rd	2,041	1,624 10 10	2,650	1,782 13 7	618	153 2 9	
Cabins	7	56 0 0	3	16 0 0	4	40 0 0	
Miscellaneous	..	649 0 1	..	211 8 6	..	437 7 7	
Total Traffic ..	2,081	2,699 7 11	2,683	2,242 10 7	602	456 13 4	
Total of both ..	..	7,272 5 0	..	8,762 13 5	..	1,490 8 5	This sum is the increase of income in 1876 over that of 1875.

* The figures in large type under this head denote less than last year, and the figures in small type denote more than last year.

JAGANATHGERTY, (Signed) D. McNEIL CAMPBELL, Lt., R.E.,
11th January 1877. Executive Engineer, Godavery.
(Signed) J. BEATTY, Major, R.E.,
Offg. Supg. Engr., Godavery District.

Return of Boats and Timber passed through the Head and Tail Locks of the Upper Godavery Canal, Dumagudem, from 1st January 1872 up to end of 1876.

Years.	ARRIVAL FROM THE COAST.			DEPARTURE TO THE COAST.			DEPARTURE TO THE COAST.		Remarks.
	Boats.	Tons.	Value.	Boats.	Tons.	Value.	Logs.	Value.	
			RS.			RS.		RS.	
From 1st Jan. to 31st Dec. 1872.	210	983	63,199	152	726	34,912	9,639	38,756	The name Dumagudem is generally spelt wrong. It is derived from "Duma" or "Dumma," dust, and "Gudem," a village, and there is no place for an "i" in it; it should be spelt either Dummagudem or Dumagudem. The second barrier works were stopped about March 1871, and the first barrier was finished and all work stopped in June 1872. Colonel Haig left Dumagudem last in February 1871, and the works were carried on after his departure under Executive Engineers Messrs. Rhind, Sherman, and Vanstavern.
" 1st " to 31st " 1873.	241	1,268	77,243	242	676	34,328	22,599	99,964	
" 1st " to 31st " 1874.	326	637	88,776	330	1,457	73,430	18,459	88,673	
" 1st " to 31st " 1875.	195	775	77,131	204	1,336	57,140	18,434	82,802	
" 1st " to 31st " 1876.	329	4,935	1,19,513	280	4,200	1,36,187	26,377	1,31,885	

DOWLAISHWERAM, (Signed) J. BEATTY, Major, R.E.,
14th February 1877. Offg. Supg. Engineer, Godavery.

*Proceedings of the Madras Government, Public Works Department,
30th April 1877. No. 1,455.*

No. 668-E. From the same Officer, dated Dowlaishweram, 8th March 1877,
No. 3,536.

In reply to the latter part of your memorandum No. 391 of 17th ultimo, I have the honor to inform you that there probably would not be sufficient cargo for the employment of a second steamer, especially this year, as it is rumoured here that all the Brinjarries are engaged at present carrying in paddy and cholum owing to the great failure of the crops in the Upper Godavery taluqs.

2. In ordinary years the Brinjarries would bring other produce to Dumagudem to barter for salt, but it is doubtful, owing to the circumstance I have mentioned, whether there will be such a large collection of produce this year to be brought down during the freshes.

3. We shall, however, by June next, have two steamers in good order, the *Wurda* and the *Wynegunga*; and the *Godavery*, which is in need of special repairs, is at anchor above Dumagudem. When the *Wurda* makes her first trip up she can take all the steel barges with her, and if there should be a large collection of cargo waiting to come down, the *Godavery* can fetch two barge loads down when she comes for repairs, and the *Wynegunga* can then commence running, in addition to the *Wurda*, while there is sufficient cargo.

No. 668-D. From the same Officer, dated Dowlaishweram, 29th March 1877,
No. 3,845.

With reference to your memorandum No. 689 of 13th instant, I have the honor to inform you that I do not think that it is expedient at present to incur any expenditure with a view to improving the Upper Godavery transport service beyond putting the steamers in thorough repair as we are now doing. The *Wurda* is now in dock undergoing special repairs, the *Godavery* will be taken in hand next season, and the *Wynegunga* as soon as she requires it.

2. When these steamers and barges were built they were not intended for the use of the public, but for keeping up communication with the Government establishments and works on the river. At that time there was no trade with the Upper Godavery, and consequently no boat traffic.

3. That trade is increasing annually, and the native merchants are taking steps to accommodate it, so that there is now a large amount of boat building in progress on the banks of the river intended for this service. It is doubtful whether these boats will not very soon get all the cargo there is to be carried.

4. I think, therefore, it is advisable to await the experience of one or two more seasons before increasing the plant, but the direction that such expenditure will take is no doubt that of increasing the number of galvanized steel barges, so that there may be spare barges to leave for loading at stations on the river.

P.S.—I send herewith for your information a copy of the advertisement I am now issuing regarding next season's work.

*Proceedings of the Madras Government, Public Works Department,
30th April 1877. No. 1,455.*

No. 669. ORDER THEREON, 30th April 1877, No. 1,455.

CIVIL WORKS, No. 56.

RECORDED.

2. It is observed that in Chief Engineer's memorandum No. 446, dated the 22nd February, the District Engineer has been authorized to make the necessary preparation for running the steamers in the freshes of the present year.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the Superintending Engineer, Godavery.

" " " Kistna.
" Chief Engineer for Irrigation.
" Financial Department.
" Revenue Department.
" Examiner of Public Works Accounts.

Exd. E. C. Shunker.

Spare Copies

Statement showing the details of Income derived by Steamer "Wye Ganga" running between Nowaishuram and Talagudem.

Particulars
of Trip

Details of charges on goods carried.

No.	Whether up or down	Galants	Deerhorns & Skins	Tobacco	Clothes	Rice	Wheat	Salt	Jaggery	Fruit	Coconuts	Hemp	Grains	Wood	Sundry goods	Total	
		Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount

XVI	Up																
	Down																

Total																	
-------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Camp Jaganathapur
Eastern Delta Division Office
11th January 1874

[Signature]

wing papers :—
The Officer in Charge, Superintendent Engineer.

Agadem

Details of the amount of Traffic

Wood	Sundry goods	Total.	Passengers 1 st class	Passengers 2 ^d class	Passengers 3 ^d class	Cabins	Cattle or Animals	Rowing Boats	Miscellaneous	Total	Grand Total
Tons	Amount	Tons	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
4	41 79		33	27	114		3	30	1	6	41 105 3
1	13 8		10	16	26				1	6	20 35 10
5	54 159		51	43	130		3	30	2	12	61 140 13

How far the steamer
did not go to Vallagudem.
Reason why the steamer
did not go to Vallagudem.
ran.

Inefficient depth of water
Sévarapilli

W. J. Major & Co. W. J. Campbell
Off. Superintending
Godavery
Executive Engineer Godavery

205377

From 1789
The Officer in Charge
Eastern Delta Division
Godavari

To
The Supt. Engineer
Godavari

Dated 21st December, 1976
Red

Statement showing
the details of Income
derived by Steamer
"Wyni Ganga" running
between Dowlaiaharam
& Tallagudem for
November 1976.

Statement showing the details of Income derived by Steam

Details of charges on goods carried.

Particulars of
Trip

No. whether up or down. Calcutta Deo-horn & Kins Tobacco Clothes Rice Wheat Salt Jaggery Fruits

Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount

XIV { Up - 22/80 33. 78/80 5 154 23 15/80 171 4 11 1 39/80 10 15 11 33/80
Down 4 27/4 176 110 1 14/80 4 83 8/80 . 29

Total 45 3/4 176 110 1 14/80 4 83 22/80 33. 78/80 5 154 23 23/80 171 78 1 39/80 10 15 11 23/80

XV { Up - 1/4 1 84 1 23/80 8 12 24 33/80 157 11 7/80 . 86 1 19/80 87 1 8/80
Down 20 30/80 77 15 . 19/80 . 84 11/80 . 63

Total 20 30/80 77 15 . 19/80 . 84 1/4 1 84 1 44/80 9 33 24 33/80 157 11 7/80 . 86 1 19/80 87 1 8/80

Entered at the Office
of the Collector
21st December 1876

C. M.

'Wyne Ganga' running between Dowlaisluwra to Tallagooden.

Partners and Trips

Details of the Amour

[illegible]

4. Two Amounts Two Amounts Three Amounts Four Amounts Five Amounts Six Amounts Seven Amounts Eight Amounts Nine Amounts Ten Amounts

XIV	Up 36	$\frac{2}{80}$	3.5	$\frac{328}{80}$	30.5	$\frac{1048}{80}$	77	$\frac{1414057}{80}$	300.57	1	65.89	6619
	Do			$\frac{2042}{80}$	61.28	$\frac{36}{80}$	7	$\frac{596972}{80}$	249.53		50	4099

$\frac{2}{80}$ 2 3 24 91 134 153 110 549 109 1 65 139 106 116

[illegible]

$\psi_9 = \frac{13}{80} \cdot 159 \cdot \dots \cdot 25 \frac{16}{80} \cdot 72 \cdot 89 \cdot \dots \cdot 8 \frac{2}{10} \cdot 51 \cdot 13 \cdot 81 \frac{36}{80} \cdot 381 \cdot 113 \cdot \dots \cdot 109 \frac{1}{2} \cdot 7013 \cdot 1$

No of animals loaded by steamer and goods
 Traffic? about 1000 in quantity of goods.

Cattle or Animals	Towing Boats	Miscellaneous	Total	Grand Total	How far the steamer ran?
No. Amount	No. Amount	No. Amount	No. Amount		
.....			90 72 69	273 134	
.....			50 40 99	289 141	
.....			140 113 6	663 113	Buddrachellam
.....	1 15	1 80 1/3	68 155	293 117	
.....		33	33 19	181 10	
.....	1 15	1 112 1/3	93 13	473 135	

Reason why the steamer
 did not go to Tallagudem

Insufficient depth of water
 in the River above Buddrachellam
 but the steel barges were sent
 to Orugudem with goods.

Heath. Major R.E.
 off 2 Supts Engr G.D.

H. Taylor
 Assistant Engineer
 For Executive Engineer Eastern District

Return of boats and Timber passed through the Head and Tail Locks of the Upper Godavery Canal Dumagudem from 1st January 1872 up to end of 1876.

Years.	Arrival from the Coast.			Departure to the Coast.				Remarks.	
	Boats.	Tons.	Value.	Boats.	Tons.	Value.	Logs.		Value.
From 1 st January to 31 st December 1872	210	983	63,199	152	726	34,912	9,689	38,756	The name Dumagudem is generally spelt wrong. It is derived from "Duma" or "Dumma", dust, and "Gudem", a village, and there is no place for an "i" in it; it should be spelt either Dummagudem or Dumaguderi. The 2 nd Barrier works were stopped about March 1871, and the 1 st Barrier was finished and all work stopped in June 1872. Colonel Haig left Dumagudem last in February 1871, and the works were carried on after his departure under Executive Engineers Messrs Rhind, Sherman, and Van-stavern.
Do 1 st Do to 31 st Do 1873	241	1268 1/4	77,243	242	676	34,328	22,599	99,964	
Do 1 st Do to 31 st Do 1874	326	637 1/4	88,776	330	1457 3/4	73,430	18,459	88,673	
Do 1 st Do to 31 st Do 1875	195	775	77,131	204	1336	57,140	18,434	82,802	
Do 1 st Do to 31 st Do 1876	329	4,935	1,19,513	280	4200	1,36,187	26,377	1,31,885	

Dowlaiswaram
14th February 1877.

L. Beatty. Major R.E.
Offr Supr Engineer Godavery.

Compd G.B.

Statement shewing the Income derived from, and the expenditure incurred on, the trips made by steamer "Wyna Ganga" up the River, during the season of 1876-77.

No of Trips.	Income	Expenditure	Profit	Remarks
1	657 11 4	541 15 6	115 11 10	
2	381 11 7	240 4 3	141 7 4	
3	428 8 7	252 9 2	175 15 5	
4	436 1 10	234 2 4	201 15 6	
5	416 9 5	233 8 8	183 - 9	
6	464 9 1	208 14 7	255 10 6	
7	557 7 6	278 13 11	278 9 7	
8	549 3 11	240 4 2	308 15 9	
9	1498 14 7	455 14 9	1042 15 10	
10	577 13 4	323 1 9	254 11 7	
11	538 15 8	340 4 10	198 10 10	
12	274 4 7	225 6 11	48 13 8	
13	703 8 9	335 12 10	367 11 11	
14	662 11 3	320 11 6	341 15 9	
15	473 12 5	351 2 7	122 9 10	
16	140 13 7	194 13 4	53 15 9	
Total	8762 13 5	4777 13 1	3985 - 4	

J. D. McNeil Campbell Esq. R.R.
Executive Engineer.

L. Beatty. Major R.R.
Offg. Supr Engineer Godavery

Camp III

Return
of traffic on the
Godavery in the
years 1872 to
1876-

1944

100-443887-100

40 30 April 1918

Statement shewing the expenditure on Steamer "Wynne Ganga" and the charges on Government for its working during the month of December 1876.

No. of Trip.	Original Cost. Interest at 5 and Depreciation at 10 per Cent total 15 per cent for the whole year Calculated only for one month.	Daily charge for Interest and Depreciation.	ACTUAL EXPENSES ON WORKING DAYS.					EXPENSES ON IDLE DAYS.					Total of Columns 4 and 10 shewing the total Daily charge on Government or working days.	Total of Columns 4 and 15 being the total Daily charge on Government on idle days.	Total of Columns 8 and 13 showing the total cost of each Trip.	Remarks.		
			Wages.	Fuel.	Stores of all kinds.	Total of Wages, Fuel, and Stores.	No. of days worked.	Daily charge for working.	Wages.	Repairs.	Total of Wages and Repairs.	No. of days lying idle.					Daily charge on idle days.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
16 Trip from 21 st to 31 st December 1876 to Damagadam.																		
				45 11	49	35 3 11	119 5	4 9 ³ / ₄	24 14 5	58 6 4	17 2	75 8 4	6 2 ³ / ₄	12 2 7			194 13 4	
Income derived																140 13 7	As per details Annexed.	
																53 15 9	Loss.	
Camp Jagannathapuram Eastern Delta Division Office 11 January 1877																		
J. W. Campbell Executive Engineer Godavery																		
N.B. The Steamer was at anchor from 3 rd to 10 th December 1876.																		
P. Beatty Major R.E. Offg Supt Engineer Godavery.																		

Camp Jagannathapur
Eastern Delta Division Office
11 January 1877

J. M. Campbell
Executive Engineer Godavari

N.B. The Steamer was at anchor from 3rd to 20th December 1876.

P. Beatty Major R.E.
Offg Supt. Engineer
Godavari.

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Handwritten text in the middle section of the right page, appearing to be a list or series of entries.

Handwritten text in the lower middle section of the right page.

Handwritten text in the lower section of the right page.

Handwritten text in the lower section of the right page.

Handwritten text at the bottom of the right page, possibly a signature or concluding remarks.

Comparative Statement of Income derived from the Steamer running up the River in 1875 & 1876.

Particulars of Merchandise &c conveyed.	1875				1876				Difference		Remarks.
	Tons	Amount			Tons	Amount			Tons	Amount	
<u>Goods.</u>											
Gallnuts	98.14	408	10	1	440.5	1807	4	7	341.11	1398	10.6
Rice	69.10	450	14	8	128.4	1102	7		58.6	651	8.4
Wheat	7.13	40	6	5	9.10	54	8	5	1.18	6	2
Salt	281.5	1663	9	5	56.6	440	10	11	224.17	182	14.6
Fruits	10.12	76	13	3	3.4	21	13	1	6.17	54	10.2
Grains	243.03	1744	15	3	134.13	406	6	3	100.8	1358	9.4
Sundries	32.133	180	9		533.13	2607		7	500.193	2426	7.7
Total Goods	743.42	4572	13	1	1305.14	6520	2	10	562.914	1947	5.9
<u>Traffic.</u>											
Passengers 1 st class	22	336	3	7	13	168	4	6	10	167	10.1
2 ^d " "	11	33	9	5	9	64			3	30	6.7
3 ^d " "	2041	1624	10	10	26593	1703	13	7	6183	158	2.9
Cabins	7	56			3	16			4	40	
Miscellaneous		649		1		211	8	6		437	7.7
Total Traffic	2081	2699	7	11	26833	2343	10	7	6063	456	13.4
Total of both		7273	5			8762	13	5		1490	8.5

This sum is the increase of income in 1876 over that of 1875.

* The red ink figures under this head denote less than last year.
& the black ink figures denote more than last year.

Camp Jaganathpur
Eastern Delta Division Office
11th January 1877

Lt. Col. Major R. G. W. Sampson
Offg. Supt. Engineer. Operations
Godavery District

P.W.D.
2051377
No. 1759

*Comparative Statement
of Income derived
from the Steamship
up the River in 1870 & 1871*

*State of New York
Dec 11 1871*

*The Office in Charge
Customs and
Excise*

Print

40 30 April 77 1878

George Johnson, Jr.

Statement showing the expenditure on Steamer *Hyne Ganga* and the charges on Government for its working during the month of *December* 1876.

No. of Trip.	Original Cost.	Interest at 5 and Depreciation at 10 per Cent total 15 per cent for the whole year Calculated only for one month.	Daily charge for Interest and Depreciation.	ACTUAL EXPENSES ON WORKING DAYS.						EXPENSES ON IDLE DAYS.					Total of Columns 4 and 10 showing the total Daily charge on Government on working days.	Total of Columns 4 and 15 being the total Daily charge on Government on idle days.	Total of Columns 8 and 13 showing the total cost of each trip.	Remarks.
				Wages.	Fuel.	Stores of all kinds.	Total of Wages, Fuel, and Stores.	No. of days worked.	Daily charge for working.	Wages.	Repairs.	Total of Wages and Repairs.	No. of days lying idle.	Daily charge on idle days.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
14 th Trip from 20 th Dec to 26 th Dec 1876				70.4	83.93	20.	173.97	53	30.10.3	127	11.1	19.6.10	147	11.10.3	14.3.9		320.11.6	
Income derived																	663.15.3	As per details annexed
																	341.15.9	Profits.
15 th Trip from 15 th Dec to 21 st Dec 1876				83.45	80.13.	16.15.2	100.10.1	67	31.1	163.6.6	3.	163.0.6	11	13.10.3			351.2.7	
Income derived																	473.13.5	As per details annexed
																	133.9.10	Profits.

Eastern Delta Division Office
 Calcutta
 21st December 1876.

H. Taylor Asst Engineer
J. M. Peckham Asst Engineer

L. Beatty Major R.E.
 Offg Supto Engineer
 Godavery Dist.

From
The Officer in charge
Eastern Delta Division Godavery.

To
Capt
The District Engineer
Godavery District
DOWLAISHWARAM.

Dated 21st Decr 1876.
Despatched
Received

Statement shewing the expenditure on
Steamer "Sunderb" and the charges
on Government for its working during the
month of November 1876

17821

13 3
DISTRICT ENGINEER'S OFFICE GODAVERY.
DOWLAISHWARAM, 14 February 1877.

From
Enclosures-7 Major J. Beatty R.E.
Offr Supr Engineer Godavery.

To
Lieutenant Colonel J. Mullins R.E.
Chief Engineer & Secretary to Govt P.W.D.

2 Statements of expen-
diture and income
for the 14, 15 & 16th trips.
2 Do. shewing the de-
tails of income for do.
1 Comparative statement.
1 Statement shewing the
general results.
1 Return of traffic
in Godavery
canal.

Sir,

In continuation of my letter No 2392
of the 20th November 1876, I have the honor to for-
ward herewith, further returns regarding the
working of the Upper Godavery steamers during
the year 1876, together with a statement shewing
the general results.

2. I also send a comparative statement
shewing the number of passengers, quantities
of different kinds of goods sent, and miscella-
neous receipts, during the years 1875 and 1876; from
which it will be seen that there has been an
increase of income of Rs 1490-8-5 in 1876 over
that of 1875.

3. The net profit for the 16 trips during the year, has been Rs 3985-4-4.

4. The payments into Treasury would have been much greater in the season of 1876 had it not been for two causes which have prevented larger returns from private Cargo:-

(1) Chief Engineer Circular No 661 of 5 Novem-

instructions contained in para 2 could not be complied with that season, and consequently much of the cargo of the last season was this season with machinery, Tools, and Plant ~~see~~ under removal to Dowlaishweram for convenience of transfer to other Districts.

(2) During the low freshes of this season an unusually large number of Cargo boats were able to make their way up the river and these brought down much Cargo which in ordinary seasons must have come by the steamer.

5. I think there is reason to believe that the running of the steamers is having a good effect on trade with the Upper Godavery, and that the merchants of Cocanada have begun to appreciate the convenience of this means of communication.

14
communication. One merchant has established a depôt of salt near Dumagudem, and other send up agents to purchase produce. If the running of the steamer were to cease now I have no doubt the mercantile community at Cocanada would at once petition Government on the subject. Two years ago they took little

6. One accompanying on the Upper Godavery Canal from 1872 to the close will also show the great increase in the quantity of timber exported last year, and in the tonnage of boats trading with the Upper God.

7. I have the honor to request sanction to prepare for running the steamer again in the freshes of 1877. The supply of firewood must be arranged for now, in order that it may be cut and stacked at an early date, so that it may have time to dry before it is required for use.

I have the honor to be,

Sir,

Your most obedient Servant
L. Beatty Major R.E.

Offr Supr Engineer Godavery Dt

Compd WJ

ci 661 of 5-11-75
memo - 291 - 17-2-77

B.W.D.
20 FEB 77
NO. 1782

100-30 April 77 L 1 66813

From

The Office of the Engineer
Godavery.

To
The Secretary to Gov-
ernment P. W. D.

Dated 14th February 1977.
Recd

No 3253

Enclosures 7/1

Steamer - 24th Feb

Godavery - 24th Feb

-ing of the - in 1896 -

submit to be returned

and request early

sanctions for 1897.

C.E. 446 of 22nd July 1977

21-6-95

by 30th April 77 3032-508/3

Particulars of
Ship

Details of Charges on goods carried

No.	Whether up or down.	Walnuts	Deerskins skins	Tobacco	Clothes	Rice	Wheat	Salt	Jaggery	Fruits	Coconuts	Hemp	Grains	Wood	Sundry goods	Total	Passengers 1 st class	Passengers 2 nd class
Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount Tons Amount																		
I	Up				1 1/2	9 8 4 1/10	29 10 10		11 5 15 4 3/4	4 14 4 1/10		11 7 1/4	1 12 0			3 1/2	20 5 4	21 12 4 15 3
	Down	83	321 3 10		2 7/8	1 4		6 37 3							1 1/4	8 15 6	35 9 3	100 2 27 403 4 1
	Total	83	321 3 10		1 1/2	9 10 3 4 1/10	29 10 10	6 37 3	11 5 15 4 3/4	4 14 4 1/10		11 7 1/4	1 12 0		1 1/4	8 15 6	11 7/20	55 14 6 121 27 529 13 3
II	Up				1 1/4	7 12 11 1/2	3 3			7 12 0	2 5 8 1/10	1 5 1/4	2 1			3 3/8	17 13 3 5 2/20	34 5
	Down	40 1/2	153 14 4 4 1/10	16 8 9				1 1/2	6 14 6				4 1/10	49 11 1/2	1 6 9		7 1/2	29 10 63 2/10 337 8 3
	Total	40 1/2	153 14 4 4 1/10	16 8 9		1 1/4	7 12 11 1/2	3 3 1 1/2	6 14 6		7 12 0	2 5 8 1/10	1 5 1/4	2 1 9 1/10	49 11 1/2	1 6 9	10 1/10	46 13 1 68 2/20 291 13 3
III	Up				2 1/2	19 10 1 3/4	6 18 1 1/4	14 5 3			3 2 1 3/10	3 3 8 3/10	2 11 7			3	19 5 4 9 1/10	68 68
	Down	16 1/2	63 10 9 8 1/10	32 9 10										11 1/10	59 18			26 1/20 155 6 3
	Total	16 1/2	63 10 9 8 1/10	32 9 10 2 1/2	19 10 1 3/4	6 18 1 1/4	14 5 3				3 2 1 3/10	3 3 8 3/10	2 11 7 11 1/10	59 18		3	19 5 4 45 2/20 223 12 11	
IV	Up				2 1/10	22 5 3 1/2	11 13 5 2 1/2	14 7		1 3 11 3/10	1 1 3/10	2 14				2 3/5	17 5 1 9 3/4	68 13 7
	Down	24 2/10	85 8 3 1/5	44 8 3/20	22 9	1 1/2	11 13 5 2 1/2	14 7							5 2/5	22 43		103 30 7/20 109 9
	Total	24 2/10	85 8 3 1/5	44 8 3/20	22 9 1 1/2	11 13 5 2 1/2	14 7			1 3 11 3/10	1 1 3/10	2 14			5 2/5	22 43	2 3/5	17 15 4 40 12 1/2 178 6 7
V	Up				1/20	1 9 4 5 11 9				3/20	1 4 3/10	2 8 3 1/10	1 9 3		2 3/5	9 11		1 6 13 5 1/10 37 4 4
	Down	61 1/4	260 4 1 4 1/2	16 15 6											2/10	88		3/10 73 66 13 278 3 6
	Total	61 1/4	260 4 1 4 1/2	16 15 6 3/20	1 9 4 5 11 9					3/20	1 4 3/10	2 8 3 1/10	1 9 3		2 3/5	9 9 9	1 3/10	68 6 71 3/4 305 7 10
VI	Up				3/20	1 38 10 20	3 13 6 3/4	3 13		6 1/4	53 10 6 1/4	1 9 10 3/10	2 11 11 1/4	1 14 11			2 3/4	15 13 3 11 1/10 83 14 8
	Down	40 1/2	155 5 8 2 1/2	9 3 9											1/8	51		1/5 13 6 43 19 165 12
	Total	40 1/2	155 5 8 2 1/2	9 3 9 1/20	1 38 10 20	3 13 6 3/4	3 13			6 1/4	53 10 6 1/4	1 9 10 3/10	2 11 11 1/4	1 14 11		1/8	51	2 19 16 10 8 54 103 249 10 8
VII	Up				1 1/2	5 10 3 1/2	5 37 7/20	1 3 3		4 5	3 5 1/2	2 13 5 3/20	1 2 10 1/10	1 4			1 1/2	8 9 5 4 34 4 6
	Down	39 4	176 7 1	1 4 8 1/10	3 1/2	1 1/2	10 1							1 1/2	73 94 18 9 10 7 5		12 80	1 4 9 75 3 384 8 8
	Total	39 4	176 7 1	1 4 8 1 1/20	6 2 3 33 6 3 7 20	6 2 3 1 1/2	10 1 1 1/2	3 5 1/10	2 13 5 3/20	1 2 10 1/10	1 4 11 1/10	73 94 18 9 10 7 5			1 1/2	75 3 384 8 8	1 1/2	9 13 9 80 34 410 8 3

Overhauling and
Eastern Delta D^o Office
25th Sept 1876

J. B. B.
Office Sup & Sec

According to the printed notice
the steamer was to run to Fall
if inducements offered; as no
one's offered, and there was
care to bring down from Denver
the steamer only raw to that,
do.

J. M. Campbell Secy
Executive Eugene S. Edwards

According to the printed notice
the steamer was to run to Fall
if inducements offered; as no
one's offered, and there was
care to bring down from Denver
the steamer only raw to that,
do.

J. M. Campbell Secy
Executive Eugene S. Edwards

Circle 661
Memo. 291

Submits/relies
and/requests a
sanction for

21-6-95

403024

1477

Statements showing the details of Income derived by Steamer "Wyna Banga" running between

Particulars
of Trip.

Details of charges on goods carried.

whether up or down.	Galnuts	Deer horns & skins	Tobacco.	Clotthes	Rice	Wheat	Salt	Jaggery	Fruit	Locanito
---------------------------	---------	-----------------------	----------	----------	------	-------	------	---------	-------	----------

Sus Annam Sus Annam Sus Annam Sus Annam Sus Annam Sus Annam Sus Annam Sus Annam

	Up	Down	Total
VIII	2 $\frac{17}{20}$ 20.8 - 1 $\frac{3}{4}$ 107.15 $\frac{7}{10}$ 37.41 $\frac{3}{4}$ 51.5 $\frac{11}{20}$ 3.105 $\frac{1}{20}$ 2	$\frac{3}{4}$ 2.116 $\frac{1}{100}$ 13 $\frac{3}{4}$ 51.5 $\frac{11}{20}$ 3.105 $\frac{1}{20}$ 2	2 $\frac{17}{20}$ 20.8 - 1 $\frac{3}{4}$ 107.15 $\frac{7}{10}$ 37.41 $\frac{1}{100}$ 13 $\frac{3}{4}$ 51.5 $\frac{11}{20}$ 3.105 $\frac{1}{20}$ 2

IX	Up	3/5	2,70	3	10	5	11	10	20
	Down	7 17/20	33 43	1	5 7/10	7/10	17		
	Total	7 17/20	32 43	1	5 7/10	7/20	2 9/10	3	10

X	Up	$\frac{14}{20}$	4 26 $3\frac{8}{20}$	21 159						
	Down	$37\frac{37}{40}$	218 97 $4\frac{73}{80}$	21 61	$\frac{9}{40}$	1 211				
	Total	$37\frac{37}{40}$	218 97 $4\frac{73}{80}$	21 61	$\frac{14}{20}$	4 26 $4\frac{5}{8}$	23 28			

[illegible]

Eastern Delta Division Office
Camp Duval Louisiana
18th October 1876



¹/₂ new Dow Cairns and Thallagoodens

Details of the Amount of Traffic:

Hemp	Grains	Woods	Sundry goods.	Total	Passengers 1 st Class	Passengers 2 ^d Class	Passengers 3 ^d Class	Cabins	Cattle on Animals	Tow Bo
1	3 11 4	5 $\frac{7}{20}$	43 37	104 125 8	1	16 5	23 $\frac{1}{2}$	133 6	1	5
4	18 127 7 $\frac{7}{20}$	36 12	7 $\frac{7}{20}$	9 10 13 $\frac{12}{20}$	58 3 11	1	16 14	59 $\frac{1}{2}$	36 9	
1	4 10 137 0 $\frac{7}{20}$	40 7 4	6 $\frac{4}{20}$	43 135 31 $\frac{14}{20}$	183 11 11	3	33 3	29 1	159 15	1 5
37	9 $\frac{1}{20}$	1 26	3 $\frac{8}{20}$	25 12 11 67 $\frac{8}{20}$	680 3 10		3	12 1	161 113 65	
17 $\frac{3}{4}$	156 109 3	10 8 3	$\frac{1}{4}$	2 14 1 30 $\frac{10}{20}$	214 147		3	21 4	87 57 109	1 5
37 17 $\frac{3}{4}$	156 109 3 $\frac{9}{20}$	19 10 8	3 $\frac{13}{20}$	28 11 97 $\frac{1}{2}$	895 3 5		5	33 5	248 171 127	1 5
43	7 $\frac{1}{20}$	15 4	5 $\frac{3}{5}$	46 4 6 14	105 9 11			14 5	88 12	3 10
6 $\frac{21}{40}$	53 129 2 $\frac{7}{80}$	17 6 10	1 $\frac{1}{20}$	5 4 11 53 $\frac{13}{20}$	318 3 5			99	63 12	
43 6 $\frac{21}{40}$	53 129 3 $\frac{21}{80}$	18 6 2	6 $\frac{13}{20}$	52 3 5 67 $\frac{13}{20}$	423 134			244	152 8	3 10
4			5	39 7 6 17 $\frac{1}{20}$	141 7			149 $\frac{1}{2}$	100 133	1
16 $\frac{1}{20}$	6 143 $\frac{1}{4}$	1 17	37 $\frac{1}{80}$	141 98 49 $\frac{1}{4}$	194 156	3	31 29	89	52 93	
4 16 $\frac{1}{20}$	6 143 $\frac{1}{4}$	1 17	42 $\frac{1}{80}$	181 13 66 $\frac{70}{80}$	336 66	3	31 29	238 $\frac{1}{2}$	161 65	1

J. M. M.
J. Beatty Major RR
Offr. Supr. Engineer Govt
1400

ing	Miscellaneous	Total	Grand
also			Total

Amount, \$ Amount, \$ Amount

21	...	233 $\frac{1}{2}$	144 11	270 3
...	...	60 $\frac{1}{2}$	537	111 10 11
31	...	294	198 2	381 13 11
37	59 23	168	284 98	964 136
...	...	91	83 149	298 134
37	59 23	254	368 85	1263 10 10
43	...	148	90 4	195 13 11
...	...	99	63 12	381 15 5
43	...	247	154	577 13 4
4	10	150 $\frac{1}{2}$	118 133	260 43
...	...	91	83 11 11	278 11 5
4	10	241 $\frac{1}{2}$	202 93	538 15 8

Campbell L^h R^h S^h
atties Eugene Cadamy

How far Reason why the steamer
the steamer did not go to Tallagadown.

According to the printed notification
the steamer was to run to Talla.
Verapally 10 miles, & then if inducement offered;
Dima Gudum. As no inducement offered, and there
was much cargo to bring down from
Dima Gudum, the steamer only ran
Talla Gudum.

The amount of
the whole
 is
£100
 and the balance
 is
 £100

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4030: April 7, 1868

From The Officer in charge
Eastern Delta Division Godavery.
To The District Engineer
Godavery District
DOWLAISHWARAM.

Dated 30 }
Despatched }
Received } September 1868

Statement showing the expenditure on
Steamer "Wynne" and the charges
on Government for its working during the
month of July & August 1868

Statement shewing the expenditure on Steamer *Wynne Ganga* and the charges on Government for its working during the month of *July & August* 1876.

No. of Trip.	Original Cost.	Interest at 5 and Depreciation at 10 per Cent total at 15 per cent for the whole year Calculated only for one month.	Daily charge for Interest and Depreciation.	ACTUAL EXPENSES ON WORKING DAYS.					No. of days worked.	Daily charge for working.	EXPENSES ON IDLE DAYS.				Total of Columns 4 and 10 shewing the total Daily charge on Government on working days.	Total of Columns 4 and 10 being the total Daily charge on Government on idle days.	Total of Columns 8 and 13 showing the total cost of each Trip.	Remarks.
				Wages.	Fuel.	Stores of all kinds.	Total of Wages, Fuel, and Stores.				Wages.	Repairs.	Total of Wages and Repairs.	No. of days lying idle.	Daily charge on idle days.			
1	2	3	4	5	6	7	8		9	10	11	12	13	14	15	16	17	18
1 st Trip 1 st July 1876				70 11 0	373 7 3	53 4 6	496 7 6	69 3/4	73 17	23 . .	22 0 1	45 0 1	22 2/3	20 9 8			541 15 6	
Income derived																	657 11 4	As per details Annexed.
																	115 11 10	Profit.
2 nd Trip 16 th to 21 st July 1876				45 9 1	116 5 .	38 15 5	200 11 6	44 3/4	45 14 1	16 14 9	22 10 .	39 0 9	1 7 2/3	24 6 6			240 4 3	
Income derived																	381 11 7	As per details Annexed.
																	141 7 4	Profit.
3 rd Trip 22 nd to 27 th July 1876				39 . 11	143 14 .	36 15 4	219 14 3	3 9	58 10 3	23 6 11	9 4 .	32 10 11	2 3	15 3 6			353 9 3	
Income derived																	330 8 4	As per details Annexed.
																	77 15 3	Profit.
4 th Trip 28 th July to 1 st August 1876				41 3 9	163 3 6	18 9 6	333 .	93 10 3/4	57 4 .	10 13 7	4 .	11 1 7	1 1/4	10 . 10			234 2 4	
Income derived																	263 2 4	As per details Annexed.
																	29 . .	Profit.
5 th Trip 2 nd to 3 rd Aug 1876				57 15 4	115 2 .	13 1 6	197 2 10	4 3/4	45 11 7	36 1 10	4 .	36 5 10	2 8 1/4	13 8 6			233 8 8	
Income derived																	416 9 5	As per details Annexed.
																	183 . 9	Profit.
6 th Trip 9 th to 14 th August 1876				43 2 1	120 8 6	17 9 4	180 3 11	3 7	50 4 3	28 6 8	4 .	28 10 3	3 5	11 13 9			208 14 7	
Income derived																	330 . 7	As per details Annexed.
																	121 2 .	Profit.
7 th Trip 16 th to 23 rd August 1876				84 12 .	155 5 6	17 9 4	357 10 10	7 2/3	35 11 1	21 1 1	2 .	21 3 1	1 9 3/4	11 13 4			278 13 11	
Income derived																	557 7 6	As per details Annexed.
																	278 9 7	Profit.
																	946 14 8	Profit.

Eastern Delta Division Office
Camp Savelais
25th September 1876

Major R. S. ...
Executive Engineer ...
S. M. Campbell
Lieut. ...

90304/177 30 Nov 18

From The Officer in charge
Eastern Delta Division Godavery.
To The District Engineer
Godavery District
DOWLAISIVARAM.

Dated 18 } October 1876.
Despatched
Received

Statement showing the expenditure on
Steamer *Mynahunge* and the charges
on Government for its working during the
month of *Sept. part of 1876*
October

Statement shewing the expenditure on Steamer *Wyna Sanga* and the charges on Government for its working during the month of *September & part of October 1876.*

No. of Trip.	Original Cost. Interest at 5 and Depreciation at 10 per Cent total 15 per cent for the whole year Calculated only for one month.	Daily charge for Interest and Depreciation.	ACTUAL EXPENSES ON WORKING DAYS.						EXPENSES ON IDLE DAYS.					Total of Columns 4 and 10 shewing the total Daily charge on Government on working days.	Total of Columns 4 and 15 being the total Daily charge on Government on idle days.	Total of Columns 8 and 13 showing the total cost of each Trip.	Remarks.	
			Wages.	Fuel.	Stores of all kinds.	Total of Wages, Fuel, and Stores.	No. of days worked.	Daily charge for working.	Wages.	Repairs.	Total of Wages and Repairs.	No. of days lying idle.	Daily charge on idle days.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
8 th from 24 th to 30 th August 1876 up to Navasapilly				607 6 133 13 9	121 5 206 6 8	4 3/4	45 13 11	33 9 6	2 4	33 13 6	2 3/4	13 8 7					240 4 3	
Income derived																	381 13 11	As per details Annexed.
																	141 9 9	Profit
9 th from 1 st to 11 th September 1876 up to Tallagoodiem				134 10 7 26 4 10	20 11 3 41 9 15 9	11 10 3/4	35 5 10	35 7	0	35 15	3 1 1/2	11 8					455 14 9	
Income derived																	1263 10 10	As per details Annexed.
																	807 12 1	Profit
10 th from 15 th to 24 th September 1876 up to Tallagoodiem				86 5 170 0 7	22 11 3 28 7 0 9	7 1 1/4	40 7 7	35 3	6	35 9	2 10 1/4	12 4 6					323 1 9	
Income derived																	577 13 4	As per details Annexed.
																	354 11 7	Profit
11 th from 25 th September to 8 th October 1876 up to Tallagoodiem				92 13 5 15 9 4 1	14 4 11 26 6 5 7	9 3/4	34 1 7	73 8 5	6	73 14 5	6 2 1/4	11 15 1					340 4 10	
Income derived																	538 15 8	As per details Annexed.
																	198 10 10	Profit
																	1402 12 3	Total profit for the 4 trips
																	2349 10 11	Do for the 11 trips

Eastern Delta Division Office
Camp Boulboulharan
18th October 1876

L. Beatty Major R.E.
offg. Sup. Engineer Coy.
J. W. Campbell L. R.E.
Executive Engineer Secretary

NO 2066

District Engineer's Office Cooy
Dowlaisluveram 25 October 1876.

From,

Major J. Beatty R.E.
Offr Supr Engineer Godavery D.

Major General G. W. Walker R.E.
Secretary to Government O. W. Departt.
Madras.

Sir,

I have the honor to forward herewith
two statements of expenditure and income
derived from the first 11 trips made by the
Steamer "Wynegunga" up the River in the cur-
rent official year, together with statements
showing the details of income: from which
you will observe that the net profit to Gov-
ernment in those trips is Rs 2349-10-11.

I have the honor to be,

Sir,

Your Most obedient Servt
J. Beatty Major R.E.
Offr Supr Engineer Godavery D.

Statement shewing the expenditure on Steamer "Hyne Ganga" and the charges

Expenditure	Total	Whole	ly for	Interest	Actual Expenses on Working Days	
					Days	Cost

Total	
Per Amount	
96 83 13	
41 19 09	
137 103 5	
120 53 113	
57 75 13	
185 128 83	

figure proper
was entered
in the 9th
to.

From 30 April 1868

Mr. W. L. 7878
Mr. C. L. 7878
Mr. C. L. 7878
Mr. C. L. 7878

Mr. Secretary to Government
Public Works Dept.
Madras
Dated 25 Oct 1876
Received

No 2066
Encls. 4
Steamer Hyne Ganga
Statement of
Expenditure and income
derived from the first 11
months made by the
the current official year

30 April 1868

Aug 2-77

into

Total Grand Hong Kong (the) Reason why the steamer did not go
 per Amount Total Steamer ran to Allagudem.
 in all (the) (the) (the) (the)

96 83 133 163 53
 41 19 89 110 155

137 103 5 274 47 Allagudem

120 53 113 408 104

57 75 13 244 10

185 128 83 154 5 113 Allagudem

According to the private notification the steamer was to
 run to Allagudem if inducement offered, as no induc-
 ment offered, and there was much cargo to bring down
 from Allagudem, the steamer only ran to that place.

figure represents that was erroneous
 in the 7th figure
 to.

and made under the
 J. Beatty Major
 Offr Supr Engineer Goda

Wm. Campbell Esq
 Assistant Engineer Goda

P.W.D.

27NOV76

No 8580

From 2/2539/76

The Officer in Charge
Eastern Delta Division

Godan...

The Offg Suptg Engineer

Godan...

Dowl...

Dated D. 10/76
Res

Statement showing the
details of Income derived by
Steamer "Wynne Raja" running
between Dow Caidhuran and
Kallaguttein on 12.9.73 & 13.9.73.

(630/41/77) Sub. 668

213 95

Statement shewing the expenditure on Steamer "Wyne Ganga" and the charges

Actual Expenses on Working Days	Fuel	Repairs	Provisions	Wages	Other	Total	Per Cent of Total	Interest	Depreciation

Statement shewing the details of Income derived by Steamer "Wyne Ganga" between

Details of Charges on goods carried

General
Trip

	Whithin Up or Down.	Calcutta	Deer horns & Skins	Tobacco	Clothes	Rice	Wheat	Salt	Jaggery	Prick	Cocanuts.	Other		
		Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	Tons	Amount	
{	Up				$\frac{10}{80}$	$841 \frac{17}{80}$	$823 \frac{137}{80}$	1083			$\frac{25}{80}$	$52 \frac{3}{4}$	$1103 \frac{64}{80}$	528
	Down		$\frac{30}{80}$	133	$\frac{13}{80}$	$34 \frac{7}{80}$	14							
	Total		$\frac{30}{80}$	133	$\frac{23}{80}$	$1081 \frac{18}{80}$	$846 \frac{137}{80}$	1083			$\frac{25}{80}$	$52 \frac{3}{4}$	$1103 \frac{64}{80}$	528
{	Up					$1 \frac{47}{80}$	$9144 \frac{457}{80}$	34810		$29 \frac{72}{80}$	$255 \frac{43}{80}$	$576 \frac{5}{80}$	$83 \frac{23}{80}$	229
	Down	$\frac{1321}{80}$	$52 \frac{11}{80}$	$5 \frac{30}{80}$	$25 \frac{14}{80}$									
	Total	$\frac{1321}{80}$	$52 \frac{11}{80}$	$5 \frac{30}{80}$	$25 \frac{14}{80}$		$1 \frac{47}{80}$	$9144 \frac{457}{80}$	34810		$29 \frac{72}{80}$	$255 \frac{43}{80}$	$576 \frac{5}{80}$	$83 \frac{23}{80}$

Eastern Delta Division Office
Camp Daulatpur
12th November 1916
M

[illegible]

222 Bowlishuram and Thallagoodu

[illegible]

* et. B. The red ink
a similar amount
as income derived
head "Towing" (Boat)

Actual Expenses on Working Days:	Fuel	Lubricants	Repairs	Stores	Wages	Interest	Total

22

ella- an.	Total	Grants	How far (the)	Reason why the Steamer did not go to Mallagudem.
Two hundred & Amounts	Total	Steamer ran	in all (handwritten)	
...	96	83	133	163 53
...	41	19	89	110 155
...	137	103	5	274 47
6	120	53	113	408 104
6	57	75	13	244 10
12	185	128	83	645 113

According to the private negotiations the Steamer was to run to Mallagudem if inducements offered, as no inducements offered, and there was much cargo to bring down from Ormagudem, the Steamer only ran to that place.

into figure represents that much was erroneous and it was in the 7th figure denoted.

Boats.

W. Campbell Lt Col

W. P. Seatty Major

Offr. Supr Engineer Gody

Operator Engineer Godany

203

**The Officer in charge
Eastern Delta Division Godavery.**

W. H. G. & Co.
The District Engineer

The District Engineer

Godavery District

DOWLAISIWARAM.

Date *Despatched* *Received* } *1878.*

Despatched

Received

Statement shewing the expenditure on
Steamer "Thynne Raja" and the charges
on Government for its working during the
month of October. 1976

Statement showing the expenditure on Steamer *Wynegunga* and the charges on Government for its working during the month of *October* 1876.

No. of Trip.	Original Cost.	Interest at 5 and Depreciation at 10 per Cent total 15 per cent for the whole year Calculated only for one month.	Daily charge for Interest and Depreciation.	ACTUAL EXPENSES ON WORKING DAYS.					No. of days worked.	Daily charge for working.	EXPENSES ON IDLE DAYS.					Total of Columns 4 and 10 showing the total Daily charge on Government on working days.	Total of Columns 4 and 10 being the total Daily charge on Government on idle days.	Total of Columns 8 and 13 showing the total cost of each Trip.	Remarks.
				Wages.	Fuel.	Stores of all kinds.	Total of Wages, Fuel, and Stores.	Wages.			Repairs.	Total of Wages and Repairs.	No. of days lying idle.	Daily charge on idle days.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
12 th Trip from 9 to 16 October up to Coimbatore				60 13 10 11 7	6 10 15	-	193 4 8 5 1/4	36 13 1	31 14 3	-	4	33 33 2 3/4	11 10	-	-	-	225 6 11		
Income derived				-	-	-	-	-	-	-	-	-	-	-	-	-	274 4 7	After details Annexed.	
				-	-	-	-	-	-	-	-	-	-	-	-	-	48 13 8	Profit.	
13 th Trip from 17 to 29 October up to Coimbatore				107 4 1 16 3 10 9	2 1 2 4 29 2 1 3 9 1/4		31 9 3 43 7 8	-	4	43 11 0 3 3/4	11 10 7	-	-	-	-	-	335 12 10		
Income derived				-	-	-	-	-	-	-	-	-	-	-	-	-	645 11 3	After details Annexed.	
				-	-	-	-	-	-	-	-	-	-	-	-	-	309 17 4	Profit.	

Dr. Cashier

Eastern Delta Div. Office

8th November 1976

Sur. Pambell

Executive Engineer Godavery

L. Beatty - Major

Offg. Supr. Engineer Godavery

Dowlaishweram
Eastern Delta Dist Office
8th November 1876

J. W. Beatty Major R.E.
Offr Supr Engineer Godavery Dt
J. Beatty Major R.E.
Offr Supr Engineer Godavery

No 2392 District Engineer's Office
Dowlaishweram 20 November 1876.

From,
Major J. Beatty R.E.
Offr Supr Engineer Godavery Dt

To,
Major General G. W. Walker R.E.
Secretary to Government P. W. D.

Sir,
In continuation of my letter No 2066 of 25th ultimo, I have the honor to forward here with 2 statements, one showing the cost of the last two (12th & 13th) Trips, made by steamer "Wynegunga" up the river, and the other showing the income derived from the same.
2. The net profit for the 13 trips has been Rs 2708-6-11.

I have the honor to be,
Sir,
Your Most obedient Servant
J. Beatty Major R.E.
Offr Supr Engineer Godavery Dt

2. In ordinary years the bringjaries would bring other produce to Dumiagu-deni to barter for salt, but it is doubtful owing to the circumstance I have mentioned

mentioned, whether there will be such a large collection of produce this year to be brought down during the freshes.

3. We shall, however, by June next have two steamers in good order, the "Wurda" and the "Wynequinga"; and the "Godavery", which is in need of special repairs, is at anchor above Durnagudem.

When the "Wurda" makes her first trip up she can take all the steel barges with her, and if there should be a large collection of Cargo waiting to come down, the "Godavery" can fetch two barge loads down when she comes for repairs, and the "Wynequinga" can then commence running, in addition to the "Wurda", while there is sufficient cargo.

I have the honor to be,

Sir,

Your Most obedient Servant
J. Beatty. Major R.E.
Offg Supr Engineer Godavery

30th A. M. 1890

Memorandum No 391 of 17-2-77
446-22-2-77

P.W.D.
B.M. 77
2658

No. 30 April 1877 L. 6686

From
The Office of the Engineer
Godavery & Building
for Roads & Buildings
Dated 8th March
1877
No. 3536

Steamer running
up the Godavery
Reporting regarding
the employment
of a second - this
year -

21-6-75

G.O. No. 30 April 1877 L. 6686

No. 3034
Public Works Department, 26
Notification

It is hereby notified for general information that a Government Steamer will commence running between Dowlaishimeram and Parlagudem near Enchampilly, about the 2nd of June 1877

2. The Steamer will run to stations beyond Dumagudem and back to Dowlaishimeram, if sufficient inducement offers and the state of the river permits; if not the vessel will run to Dumagudem only -

3. The trips from Rajahmundry to Dumagudem and back occupy about 8 days including all detentions; those to Parlagudem about 12 days including all detentions -

4. It has been found impracticable owing to the uncertainty of the freshes, and of inducements to run beyond Dumagudem, to issue a reliable time table. Intending passengers are therefore requested to apply for information during the season to the Boat Superintendent at Dowlaishimeram, or to the Officer in charge, Public Works Department, Dumagudem. The first trip will be made as soon as the freshes begin to come down in the latter part of June -

5. The rates at which goods &c will be carried are as follows —

Table of Rates for Goods up stream for 1877
(Excepting those specially noted below)

Ports	Distance in miles	Goods of all description		Salt per bag of 160 lbs (2 Dungal Shams)
		Rate per bag of 80 seers 160 lbs or 6 1/2 Muns	16 2 1/2 lbs.	
From Rajahmundry to				
Tallapudi —	11	10	10	
Koyada —	56	4 3	4 3	
Woddigudem —				
Rudramkotta —	68	5	5	
Bhadrachellam —	101	7	7	
Dumagudem —	116	9	7	
Mungapeta —	161	12	7	
Parlagudem —	192	14 7	7	

Half of the above Rates for Down Stream

29
Special Rates and Rates for Passengers will remain heretofore and are as follows:—

Ports	Distance in miles	1 st class Cabin	2 ^d class Cabin	3 ^d class Cabin
		at 2 1/2 annas per mile	at Rs. 0-1-1 per mile	at 2 pie per mile
from Dowlaishweram to				
Rajahmundry —	4	9	4 4	8
Tallapudi —	15	2 1 9	1 3	2 6
Koyada —	60	9 8 3	4 1	10
Woddigudem —				
Rudramkotta —	72	9 13 6	4 11 10	11 8
Bhadrachellam —	105	13 12 6	6 10 2	1 4
Dumagudem —	120	16 9 6	7 15 10	1 3 8
Mungapeta —	165	22 5 9	10 12 3	1 10 6
Parlagudem near Enchamilly —	196	26 9 3	12 12 9	1 15 6

Special Rates

Temp, Cotton, & Jute 1 1/2 annas per ton per mile
Hollow brassware, empty Casks and empty dubbers to be charged double freight.

Hides to be charged treble freight.

Freight on single packages or parcels (a 3 dozen case or under) up or down for the whole distance or intermediate stations Rupees 1/2 each.

All

All parties using the Steamers are requested to take notice that Government do not hold themselves liable for detention or delay of passengers, arising from accident or from Extraordinary or unavoidable circumstances; and the Government do not hold themselves liable for damage to, or loss or detention of goods that may be shipped on board the steamers -

Dist. Engrs Office Godavery / Signed / J. Peatty Major R.E.
Dowlaisluveram / Off. Supr. Engineer Godavery
29 March 1877

(True Copy as submitted)

J. Peatty Major R.E.
Off. Superintending Engineer Godavery

Handwritten text in Telugu script, appearing to be a continuation of the official notice or a related administrative note.

Handwritten notes in Telugu script on the right margin of the first page.

Extensive handwritten notes in Telugu script on the right margin of the second page.

P.W.D.
14 APR 77
No. 3891

Enclosure to letter from
the Offr Supr Engineer Goda
: Veng District No. 3845: dated
29th March 1877

Q. 30: Apr 77 I.P. 668

Buildings
No. 3845

DISTRICT ENGINEER'S OFFICE GODAVERY.
DOWLAISHWERAM, 29 March 1877

Sept 7th April 77

From

The Offr Supr Engineer
Godavery District.

To

The Chief Engineer
for Roads & Buildings.

Sir,

With reference to your Memo No. 689
of 13th Instant, I have the honor to inform
you that I do not think that it is expedi-
ent at present to incur any expenditure
with a view to improving the Upper Godavery
Transport service; beyond putting the steamers
in thorough repair, as we are now doing.
The "Murda" is now in dock undergoing spe-
cial repairs, the "Godavery" will be taken
in hand next season, and the "Wynegunga"
as soon as she requires it.

2. When these steamers and barges were
built, they were not intended for the use

of

of the public, but for keeping up communication with the Government Establishments and works on the river. At that time there was no trade with the Upper Godavery, and consequently no boat traffic.

3. That trade is increasing annually, and the native merchants are taking steps to accommodate it, so that there is now a large amount of boat building in progress on the banks of the river intended for this service. It is doubtful whether these boats will not very soon get all the cargo there is to be carried.

4. I think therefore it is advisable to await the experience of one or two more seasons before increasing the plant, but the direction that such expenditure will take is no doubt that of increasing the number of galvanised steel barges, so that there may be spare barges to leave for loading at stations on the river.

9

32
I have the honor to be,
Sir,

Your Most obedient Servant
L. Beatty Major R.E.
Offg Supr Engineer Godavery.

P.S. I send herewith for your information a copy of the advertisement I am now issuing regarding next seasons work.

amp
clerk

6.10.76 No 2694.
 16.8.76 " 1226.1225.
 21.4 " " 1009.
 4.11.75 " 3439.
 15.1. " " 124.
 9.12.74 " 3458.

Roads & Buildings

P.W.D.

14 APR 77

3891

From
 The Offg. Supr. Engineer
 Godavery.

To No. 30 April 77
 22.8.80

The Chief Engineer
 for Roads & Buildings

Dated 29th March 1877
 Read

No. 3045

Income 1

Godavery Trans.
 port service -

Replies to his Me.
 morandum No.
 689 of 13th March
 1877 -

40 30. April 77 No. 6682

Cur 17.4.77

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following:—

The Offg. Dist. Engr. } (H.C. No. 2066 of 25th Octr 76)
 Godavery }
 do (No. 2392 of 20th Nov. 76)

Recorded

2. The Outlay, and the
 traffic in rough figures,
 from the 7th July to the
 29th October 1876
 are shown
 in the following Abstract
 Statement.

Traffic. Up Voyages

Expt - w justify a
 higher outlay on
 land of 20,000 & 25,000
 Rs. - worth of Article
 improve the
 service? M
 9/2

	Weight in tons	Amount Rs. - As. - P.
Tobacco	15	3-11-4 = 82-15-0
Clothes	23	12-11-0 = 150-3-5
Rice	80	22-11-0 = 773-4-4
Salt	55	8-0-0 = 440-2-5
Jaggery	8	12-7-0 = 47-11-1
Fruits	2 3/4	2-6-0 = 19-6-4
Cocoanuts	3	1-0-0 = 39-14-11
Grains	7 1/2	2-1-0 = 16-12-1
Sundries	5 1/2	10-7-0 = 347-3-8

Traffic Down Voyages

Article	Weight in Tons	Amount Rs as P
Galnuts	374 1/2	1533-3-9 + 254-0
Deer horns & skins	20 1/2	148-11-7 + 5-0
Tobacco	1/3	0-10-8
Clothes	1/2	2-10-3 + 0-
Wheat	3 1/2	54-8-5
Hemp	61	418-8-5
Grains	82 1/2	305-14-4 + 13-1
Sundries	85 8/9	307-0-0 + 13-4
Rice	8 1/2	0-1-3
		2-9

Up Voyages

Passengers	Number	Amount Rs as P
1st Class	7 1/2	48-15-0 + 41-7
2nd Class	5 1/2	28-5-0 + 6-5
3rd Class	1525 1722	972-8-8 + 110-12

Down Voyages

Passengers	Number	Amount Rs as P
1st Class	5 1/2	64-5-9 + 1
2nd Class	4	29-6-0
3rd Class	939	589-10-5 + 7

Up Voyages

Other Items

Amounts Rs 146-12-3 + 58-0-0

Down Voyages

34

Other Items

Amount Rs 7-0-0 + 6-0-0

Outlay

Srips	Outlay	Income	Net gain
1st	541-15-6	657-11-4	115-11-10
2nd	240-4-3	381-11-7	141-7-4
3rd	252-9-2	330-8-4	77-15-2
4th	234-2-4	263-2-4	29-0-0
5th	233-8-8	416-9-5	183-1-9
6th	208-14-7	330-0-7	121-2-0
7th	278-13-11	557-7-6	278-9-7
8th	240-4-2	381-13-11	141-9-9
9th	455-14-9	1210-1-10	754-3-1
10th	323-1-9	577-13-4	254-11-7
11th	340-4-10	538-15-8	198-10-10
12th	225-6-11	274-4-7	48-13-8
13th	335-12-10	645-11-2	309-14-4
Total	3911-1-8	6565-15-7	2654-13-11

341-15-9
320-11-6 - 11-2-2 = 31-1-4
351-2-7 - 11-12-5 = 122-9-10
181-13-6 - 11-12-5 = 169-1-11
260-11-5 - 11-12-5 = 148-11-0
Total 4777-10-12

H. Jodney
" Listno
Ch. for Irrig.
Fuel Dept
Revenue Dept
L. B. H. A.

Down

Godavari River
 Hon. R. S. Ellis
 Sir W. Roberts
 His Grace the

[Faint handwritten notes and signatures in the left margin, including "C. P." and "A. P."]

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 30 April 77
 Read the following:—

From
 The District Engineer Godavery (H No 2066 d/25 Oct, 176)
 [—] Do [—] (—) 2392 — 20 Nov 176)
 [—] Do [—] (—) 3255 — 11 Feb 177)
 [—] Do [—] (—) 3536 — 8 Mar —)
 [—] Do [—] (—) 3845 — 29 —)

[Handwritten signature/initials]

[Handwritten signature/initials]

[Handwritten signature/initials]

C. S. Sadieney ✓
 " Kistna ✓
 Ch. for Irig. ✓
 H. L. Dept. ✓
 Rea. Dept. ✓
 L. E. H. d. ✓
 E. S. ✓
 A. P.

Dispa 19. 5. 77

Recorded

2. It is observed that in Chief Engineer's Memo. Gandum No 1466 dated the 22nd February, the District Engineer has been authorized to make the necessary preparation for running the steamers in the freshes of the present year.

16/4/77
 18. 4. 77

21-6-95

Govt. of 1877

PUBLIC WORKS.

The S. E. Godavery

Dated

Issued

Recd.

Encl.

G. O. 80 April 1877, No. 1453

Nos. 668-669