

72

- (1) பக்கங்களின் எண்ணிக்கை 16
(2) புதுக்கித் திருப்பிய நாள் 29-7-88
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

மேலும் பணி துறை

அரசாணை எண்.	2348	அச்சகம்
மு. கோப்புத் தாள் எண்.	2348A	பலவகை
நாள் : 23-9-1884.		198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

Proceedings of the Board of Revenue, dated 20th August 1884, No. 2907.

Read—the following letter from Lieutenant-Colonel P. MONTGOMERIE, R.E.,
Superintending Engineer, I Circle, to the Collector of Godáviri, dated
Dowlaiswaram, 21st July 1884, No. 1078 G.D.:—

In returning to you the correspondence regarding the new steamer required for the Godáviri ferry at Rajahmundry, which I received with your letter, No. 74, dated 27th May 1884, asking my opinion on certain points connected with the subject, I have the honor to inform you that, from my own personal experience of the river, I concur with Mr. Walch and am decidedly of opinion that 2 feet draught is the outside that would be permissible for a steamer to be useful on this ferry or for any other purpose on the river Godáviri, excepting during the freshes of the south-west monsoon. But I fail to perceive any reason whatever why your river steamer should be limited to such dimensions as would enable her to pass through the locks in the delta canals even when she is dismantled; on the contrary there are probably many political and administrative reasons even more cogent than those stated in proceedings of Madras Government, Revenue Department, No. 921, dated 4th August 1880, why she should be of light draught and of sufficient power to proceed up by the river at all seasons, necessitating a length and breadth of beam that would quite preclude her from passing through the delta locks. She might, however, be passed over the anicut during floods, if necessary.

2. The Acting Collector, Mr. W. A. Happell, stated in his endorsement printed with proceedings of Madras Government, No. 1223, dated 10th November 1882, that the steamer *Godáviri* has answered the purposes of the ferry very well, and I fully agree with this gentleman and with the Sub-Collector, as stated in their communications printed with Proceedings of Madras Government, No. 2294, Public Works Department, dated 16th August 1883, that a steamer for the ferry should be built on a similar model to that of the steamer *Godáviri*.

3. The designs of the steamer *Godáviri* and its two sister vessels are, as you may not perhaps be aware, the result of the matured experience of Colonel F. Haig, R.E., and the other engineers and nautical men who were for several years engaged on the improvement and development of the navigation of the Godáviri river; and I am unable to furnish you with a specification for a steamer that would answer your purpose better. I would therefore suggest that the Inspector of Machinery, Kudderpore (if you have determined to have your steamer built there), be requested to depute some intelligent workman to visit this district and prepare a design for a new steamer from the present *Godáviri*; he would thus have an opportunity of personally consulting the local officials in suggesting improvements on the design of that vessel, and would see for himself the requirements of the case.

4. The steamer *Godáviri* was designed to pass through the Upper Godáviri locks, which are 200' x 30', and to draw 18 inches of water, and was built by Messrs. Rondolph, Elder and Company of Glasgow; if you think of getting a boat like her, I shall be glad to send you a drawing of her with a descriptive memorandum.

5. With regard to the utility of a smaller vessel, capable of passing through the locks of the delta, I have the honor to observe that such a vessel would be limited to about 95' x 14' over all; and with a draught of about 2 feet she is not likely to have sufficient power to stem the high floods or to tow heavy boats against stream, but she would be very useful in taking the place of the larger vessel when laid up during low stages of the river, and would be invaluable in acting as her tender on occasions such as those referred to in paragraph 1 when she has to proceed up river.

6. I would also suggest that the agent from Kidderpore be requested to prepare design and estimate for a vessel of the smaller as well as the larger size; but instead of a screw launch, which cannot be designed to draw less than 2 feet of water, if so little, I would strongly recommend that the smaller be the counterpart of the larger steamer on a smaller scale, viz., a flat-bottomed stern wheel steamer. She could be built to draw from 14 to 16 inches at most, and would be invaluable for your Political Agent up river.

7. Both vessels should be made of thin steel plates, not wood.

8. With reference to the use of screw propellers in this district, I have the honor to observe that, although small screw steamers may be admissible for canal work, the use of the screw is prohibitory for work on the Godavari river where the two essentials are light draft and power. The only screw steamers at present employed in this district are the *Arthur Cotton* and the *Victoria*, and both these vessels have to be laid up so far as river-work is concerned during the most valuable months of the working season.

No. 367.

Submitted to the Board of Revenue for orders, with reference to their proceedings, Mis. No. 8199, dated 28th September 1883. As regards the dimensions of the steamer, Mr. Walch wrote in his specification as follows:—

"The steamer will have, in order to get to Rajamundry, and may have afterwards at rare intervals, to pass along canals and through locks, and the dimensions of her hull, exclusive of the paddles and paddle boxes (which must be removable) must not exceed 90 feet by 30 feet, and should not be more than necessary to meet the other requirements."

The opinion now expressed by Lieutenant-Colonel Montgomerie is entirely opposed to this, and I must therefore recommend, for the consideration of the Board, Colonel Montgomerie's suggestion that the Inspector of Machinery, Kidderpore, be requested to depute an intelligent workman to visit this district.

COCANADA,
4th August 1884.

(Signed) W. S. FOSTER,
Collector of Godavari.

Resolution—dated 20th August 1884, No. 2907.

Submitted for the orders of Government, with reference to the correspondence ending with G.O., No. 2294 W., dated 16th August 1883.

2. Mr. Walch says that the steamer, in order to get to Rajahmundry, must pass through locks, which limit its dimensions to 90 feet by 30 feet, but Colonel Montgomerie considers that a much larger steamer, more suitable for work in times of flood, could be brought over the anicut, if necessary, and is in favor of a flat-bottomed boat with a paddle wheel at the stern. Colonel Montgomerie further suggests that the Inspector of Machinery at Kidderpore be asked to send an intelligent man to Rajahmundry to see the steamers there and ascertain exactly what is wanted.

(True Copies and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.

ORDER—dated 23rd September 1884, No. 2348 W., Public Works.

The following letter will be addressed to the Director of Indian Marine, Calcutta:—

(Here enter No. $\frac{2348 W.}{A}$, dated 23rd September 1884.)

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Revenue Department.
" Chief Engineer for Irrigation.

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated September, 23rd.

Recd.

Encl.

G.O., 23rd Sept. 1884, No. 2348 W.

SEPTEMBER.

Steamer for Rajahmundry
Ferry

Orders on proceedings of the Board of
Revenue submitting correspondence regard-
ing the —.

23RD SEPTEMBER 1884, No. ^{2348 W.}_A, PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department.

To

THE DIRECTOR OF INDIAN MARINE, CALCUTTA.

SIR,

In forwarding copy of the proceedings of this Government marginally noted,
I am directed to inquire whether an
No. 2294 W., dated 16th August 1883. intelligent workman can be deputed from
" 2348 W., " 23rd September 1884. the Kidderpore dock-yard to visit the
Godávári district and to consult local officials with a view to designs and estimates
being ultimately prepared for steamers required as ferry boats on the Godávári river.

I have the honor to be,

Sir,

Your most obedient servant,

Major, R.E.,
Under Secy. to Govt., P.W.D.

OOTACAMUND,
23rd September 1884.

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Gobt. of (1884) Madras.

PUBLIC WORKS.

Dated September, 23rd.

Recd.

Encl.

23rd Sept. 1884, No. 2348 W.
A

SEPTEMBER.

Steamers and Ferry Boats for
the Godavari

Inquiring whether an intelligent work-
man can be deputed to Rajahmundry to
consult the local officials in regard to
designs and estimates for steamers and
ferry boats required on the Godavari river.

BOARD OF REVENUE, 20TH AUGUST 1884, No. 2907.

PROCEEDINGS OF THE BOARD OF REVENUE.

READ—the following letter from Lieutenant-Colonel P. MONTGOMERIE, R.E.,
Superintending Engineer, I Circle, to the Collector of Godavari, dated Dow-
laishweram, 21st July 1884, No. 1078-G.D. :—

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the Godavari ferry at Rajahmundry, which I received with your letter, No. 74, dated
27th May 1884, asking my opinion on certain points connected with the subject, I
have the honor to inform you that, from my own personal experience of the river, I
concur with Mr. Walch and am decidedly of opinion that 2 feet draught is the outside
that would be permissible for a steamer to be useful on this ferry or for any other
purpose on the river Godavari, excepting during the freshes of the south-west mon-
soon. But I fail to perceive any reason whatever why your river steamer should be
limited to such dimensions as would enable her to pass through the locks in the delta
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with Proceedings of Madras Government, No. 1223, dated 10th November 1882, that
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Department, dated 16th August 1883, that a steamer for the ferry should be built on a
similar model to that of the steamer *Godavari*.

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may not perhaps be aware, the result of the matured experience of Colonel F. Haig,
R.E., and the other engineers and nautical men who were for several years engaged
on the improvement and development of the navigation of the Godavari river; and I
am unable to furnish you with a specification for a steamer that would answer your
purpose better. I would therefore suggest that the Inspector of Machinery, Kidderpore
(if you have determined to have your steamer built there), be requested to depute some
intelligent workman to visit this district and prepare a design for a new steamer from
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Rondolph, Elder, and Co. of Glasgow if you think of getting a boat like her. I shall be
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Endorsement by W. S. FOSTER, Esq., Collector of Godáviri, dated Cocanada, 4th August 1884, No. 367.

Submitted to the Board of Revenue for orders, with reference to their Proceedings, Mis. No. 8199, dated 28th September 1883. As regards the dimensions of the steamer, Mr Walch wrote in his specification as follows:

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RESOLUTION—dated 20th August 1884, No. 2907.

Submitted for the orders of Government with reference to the correspondence ending with G.O., No. 2294 W., dated 16th August 1883.

2. Mr. Walch says that the steamer, in order to get to Rajamundry, must pass through locks which limit its dimensions to 90 feet by 30 feet, but Colonel Montgomerie considers that a much larger steamer, more suitable for work in times of flood, could be brought over the anicut, if necessary, and is in favor of a flat-bottomed boat with a paddle wheel at the stern. Colonel Montgomerie further suggests that the Inspector of Machinery at Kidderpore be asked to send an intelligent man to Rajamundry to see the steamers there and ascertain exactly what is wanted.

(True Copies and Extract.)

Wm MacKinnon
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.

Copy to the Secretary to Government, Revenue Department.

" " Collector of Godáviri.

Exd. A. Aubert.

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Ins No 2049 W. 30. 8. 80
B. No 3172 W. 2-12. 82
L. G. No 2294 W. 16. 8. 83
No 1276 W. 22. 7. 84

PUBLIC WORKS DEPARTMENT.

1884.

Board of Revenue,
MADRAS.

(12)

Printed August th.

Proceedings, 20th August 1884, No. 2907.

Sept 29/84

Submitting, for the orders of Government,
letter from the Collector of Godavari regarding
the steamer required for use on the ferry at
Rajahmundry.

Oct 34/9
a. b. q. 84/2. Cir. 10/9

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 20th August/84

Read the following

Proceedings of the 13th
of Revenue — H E No. 2907- d/ 20th August/84

2348/2348A
The following letter
will be addressed to the
Director of Indian
Marine. Calcutta —

H. E No. 2348 W. d/ 20th Sept^r/84

To The Director of Indian
Marine - Calcutta

Sir —

In forwarding copy
of the Proceedings of this
Government marginally
noted, I am directed to in-
quire whether an intelligent
workman can be deputed
from the Kidderpore dock
yard to visit the Godavari

No 2294 W - d/ 16th Aug/83
No 2348 W d/ 23rd Sept^r 1884

To the S. S. I. Circle
" Rev. Dept
" Ch. S. for. Inm

Godavari district, and
to consult local officials, with
a view to designs and estimates
being ultimately prepared
for Steamers required as
ferry boats on the Godavari
River.

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6.9.84

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Issue

Rev. Secy for Local Govt.

F.C.

2633 27.10.84

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31/9

Cr. 10.6.9.84

10.6.9.84

Cr. 10/9

SE 1st Circle

Rev. Depy Secy

Chief Eng^r

with the Govt. letter.

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Govt. of Madras.

PUBLIC WORKS.

(7)

Dated

24/9

Recd.

Encl.

Recd 5-10 pm

G.O. 23-6-84 No. 784

73684

Steamer Rajahmundry

Orders on the 24th 1884
Res. for building a bridge
across the river

42000 Rs. 24 60
Steamer Rajahmundry
from the following

Engineering whether under
intelligent supervision can be
deputed to Rajahmundry to
superintend the work. It is
regard to design & cost.

E.T. 11/10/84