

(1) Number of pages 12
(2) Date of repair 15.7.87
(3) Initials of the Referencer lmt

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W DEPARTMENT

G.O. No. <u>2833 - W</u>	Press.
B.P. No.	Mis.
Dated <u>8</u> — <u>10</u> — <u>1883</u> 198.	

V. S. M.

Not to be folded or roughly handled.

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8TH OCTOBER 1883, No. 2833 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from G. T. WALCH, Esq., Officiating Superintending Engineer, First Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 24th September 1883, No. 1810 G.D. :—

With reference to paragraph 2 of G.O., No. 2469 W., 3rd September 1883, I

* Exclusive of wages of part of crew which has to be kept on during the repairs. have the honor to inform you that the estimate for repairs of the steamer *Godavari* for Rs. 740 * has been sanctioned by the Collector, and the work will probably be completed by about 15th proximo.

2. These repairs will, I hope, with occasional patching, keep her going for some

† See my letter, No. 2240, dated 28th October 1878, with Proceedings, Madras Government, No. 4578 W., dated 29th Nov. 1878. months, but with machinery so worn out it is impossible to say when some part may not fail. Five years † ago I reported that these engines were "so worn as to cause frequent stoppages and necessitate constant and expensive repairs."

ORDER—dated 8th October 1883, No. 2833 W., Public Works.

Communicated to the Revenue Department with reference to G.O., No. 2469 W., dated 3rd September 1883.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Revenue Department, with copy of G.O., No. 4578 W.,
dated 29th November 1878.

„ Superintending Engineer, First Circle.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of (1883) Madras.
PUBLIC WORKS.

Dated October, 8th.

Recd.

Encl.

G.O., 8th Oct. 1883, No. 2833 W.

OCTOBER.

Steamer "Godavari"

Letter from the Superintending Engineer,
First Circle, reporting that an estimate for
repairs to the — has been sanctioned by the
Collector, communicated to the Revenue
Department.

24694
+
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3RD SEPTEMBER 1883, No. 2469 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from G. T. WALCH, Esq., Officiating Superintending Engineer, First Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 7th August 1883, No. 1336 G.D. :—

As ordered in your telegram of 1st, the Steamer *Godavari* was not put up for sale; but the order was not received in time to enable notices to be published so as to prevent inconvenience to intending purchasers.

2. The date for the sale, 6th instant, was settled in consultation with the Collector on the 21st of April last, and a considerable sum has been expended in advertising the sale, which now at the last moment is stopped.

3. The steamer has been thoroughly examined, and I send a copy of the report on her. I have myself inspected her and find the report correct; and it will be a long time, even if the estimate for repairs, which will be large, be sanctioned, before she can run again.

ENCLOSURE.

From W. JOPP, Esq., Assistant Engineer in charge Head Works Sub-division, to the Executive Engineer, Eastern Division, dated 4th August 1883, No. 301.

The Steamer *Godavari* was returned to the Boat Office on the afternoon of the 1st August from the Rajahmundry Ferry Work.

2. As the machinery and steamer generally was in a bad state of repairs, I put her under steam and inspected her this morning, and I beg to report as follows :—

Boiler and belongings.—The means of feeding the boiler is very precarious; the feed is intended to be made either by a donkey engine or by two injectors. I was unable to get the donkey engine into motion at all, and was told that even then it would not pump water up into the boiler. One of the two injectors is out of order and will not work at all, the other only when there is more than 60 lb. of steam pressure; this last cannot be depended on. A hole about 2 inches square has been burnt in the bottom of the smoke box.

The Steam Pipes.—The flange joints of the steam-pipes, with a few exceptions, leak excessively, the connection with the steam reservoir of the boiler being the worst. The Engine Driver reports that they cannot be kept steam-tight by packing, and in this case the flanges all require "graining." All the lagging has come off the steam-pipes, and the pipes themselves much corroded on the outside.

Machinery.—There is a serious crack in the slide valve steam-chest, through which steam escapes. The steam-chest may at any time burst, leaving the steamer powerless. An entirely new casting is the only way of remedying this. There is something radically wrong with the star-board piston, the nature of which cannot be ascertained until the cylinder is opened out; both pistons require new rings, and the petcocks of the cylinder are out of order. A part of the wooden lagging of the cylinder has been destroyed. All the brasses of the moving parts are out of order, and either require rebushing or renewing; those of the link motion and the facing to the piston rod slides being quite worn out.

The Steam Capstan.—The two cylinders are quite loose on their bedding, and when at work the whole machine shakes backwards and forwards through perhaps 2 or 3 inches. This, however, could not be closely examined, as there was so violent a rush of steam from the leaky connections with the steam-pipes that it was impossible to stay in the confined space in which the engine lies.

Paddle Wheels.—In the star-board wheel there is not a single tie-rod in position. These are all hanging by one end, flying about in all directions as the wheel revolves. The port wheel is nearly as bad. The arms of the paddles are in both wheels loose on the shafts, and some of the floats are broken. All the bolts and bushes of paddle arms and eccentrics require renewal.

The hull of the steamer leaks in several places.

3. The steamer is not in a fit state to work, and in my opinion should have been laid up for repairs months ago. I am informed that during the last twelve months she has absolutely not had a single day's rest, nor have the indents of the Engine Driver for sundry repairs from time to time been complied with; hence the unsatisfactory state in which she now is. It would have been well had the condition been made, when hiring her to the ferry, that the steamer should be periodically (say once in a fortnight) sent to Dowlaisheram for inspection and repair if necessary.

ORDER—dated 3rd September 1883, No. 2469 W., Public Works.

The Collector will be called on, in the Revenue Department, for a report as to the circumstances under which the Steamer *Godavari* has been allowed to fall into the condition described in these papers, and as to the person responsible for the neglect of timely repairs.

2. The sale of the steamer by auction has already been ordered in separate Proceedings,* conditionally on the ferry not being prepared to meet all expenses of repair and working, which will now necessarily be very heavy. An estimate of the cost of repairs should be made as quickly as possible, and the length of time during which such repairs may be expected to keep the vessel serviceable reported. On receipt of this information, a decision can be come to as to whether the Steamer *Godavari* should be bought for the ferry or not. Even if a new steamer is purchased, it may be advantageous to have a second vessel for use when the new one is taken off for repair.

3. These papers indicate the necessity for better arrangements being made for the care of the new steamer which it is proposed to purchase (G.O., No. 2294 W., dated 16th August 1883). In addition to the responsibility which will devolve on the Master and Engineer for the condition of the vessel, periodical inspections at Dowlaisheram should be arranged for.

(True Extract.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, First Circle,
Revenue Department.

Exd. A. F. Goodall.
Spare Copies

2469
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2838

GENERAL
ACCOUNT.

Gobt. of (1883) Madras
PUBLIC WORKS.

Dated September, 3rd.

Recd.

Encl.

G.O., 3rd Sept. 1883, No. 2469 W.

SEPTEMBER.

2833 W

Steamer "Godavari"

Passing orders on a report by the Super-
intending Engineer, First Circle, on the
present condition of the —.

No. 18/0 G.D.

FROM,

THE SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

P. W. Department
FOR IRRIGATION.

DOWLAISHWERAM, 24th Sept^r 1883

SIR,

With reference to Para 2 of G.O.
2469 W. 3-9-83 I have the honor to in-
form you that the estimate for repairs
of the steamer "Godavari" for Rs. 740 has
been sanctioned by the Collector and
the work will probably be completed by
about 15th Proximo.

2. These repairs will I hope with
occasional patching keep her going
for some months but with machinery
so worn out it is impossible to say
when some part may not fail. Five
years ago I reported that these Engines
were "so worn as to cause frequent stop-
pages & necessitate constant & expensive
repairs."

I have the honor to be,
Sir,
your most obedient

C. Swaleh
Offg. Supr. Eng. 1st Circle

* exclusive of
wages of port
of crew which
has to be kept
on during the
repairs.

See my letter 2240
28/10/78 with P.M.
G. 4578-29-11-78

com/dit

A 4578 W 29. 11. 78
2469 W 3. 9. 83

Genl
Secy

A 2833 W of 8 Oct 1883

Communicated
to the Rev. Dept.
with reference to G.O.
No: 2469 W of 3rd Sept
1883

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6.10.83

From

The Superintendent

1st Field

To

The Chief Engineer
P. W. Department

Dated 24th
Sept 26th } September 83
Recd 3/10

No 1810 G.D.

Enclosure

Steamer "Godavari"
Estimate Rs 740 for
repairs of the - informs
that the collector has
sanctioned an - and
that the work will be
completed by the 15th
Proximo.

Genl
15/10

Rev. Dept with copy
of G.O. No 4578 W of 29. 11. 78

S. Co. First Section

Oct 7. 10
Aty 4/10 R.D. 8/10

Genl
Secy

8499

Gobt. of Madras.

PUBLIC WORKS.

10-10-10

G.O. No. 2133

Nos.

Steamer Godavari

Letter from Mr. S. P. S. S. S.
Direct Circle regarding
the use of the Godavari
Steamer for
the purpose of
the Godavari
Steamer for
the purpose of
the Godavari

5/2

Subd. Rept. Repts.