

(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. 1433-34 | (Ry) | Press |
| B.P. No.         |      | Mis.  |
| Dated 9-6-       |      | 1876. |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
9th June 1876.*

No. 150. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 5th June 1876, No. 274 :—

WITH reference to the Order of Government, dated 1st April 1876, No. 863, I have the honor to report as follows on the discrepancies noticed by the Government of India in their letter dated 21st March 1876, No. 809 R.

2. *Paragraph 4. Table E.I.*—The required explanation will be found in my letter No. 73\* of the 4th February 1876, and in the note appended to this table in the Review for the first half of 1875 full particulars of the mileage of the Madras Railway are given.

3. *Paragraph 6. Table F.I.*—An error appears to have been made in calculating the average number of train miles hauled per day by each engine; this, as stated by the Government of India, should be 63 and not 68.

With regard to the weight of coal per train mile, an error was made through an endeavour to conform to the note at the bottom of the table in the Revised Form.

The Locomotive Superintendent's statement, from which this table is prepared, gives the weight of coal used by coal-burning engines and that of wood by wood-burners; and the equivalents of these have been erroneously added together, which accounts for the apparently large consumption. The Locomotive Superintendent explained, some years ago, that it was impossible to give these particulars per train mile for each description of engine, as all returns are kept in *engine miles*, and the figures which have been hitherto given must be so understood. It is of course possible to work out the consumption per total train mile, but this cannot be divided among the different classes of locomotives. As from one-third to two-fifths of the mileage on the Madras Railway is run with coal, it will perhaps be well to continue to show separately the consumption by engines burning the two descriptions of fuel. The last two Reviews submitted should be altered as follows :—

*Second half of 1874.*

| —                                    | Passengers. | Goods. | Tank. | Total. |
|--------------------------------------|-------------|--------|-------|--------|
| Weight of coal used per engine mile. | ...         | 31.74  | 7.10  | 25.59  |
| Do. of wood used per engine mile...  | 68.26       | 84.92  | 48.00 | 83.67  |

*First half of 1875.*

| —                                    | Passengers. | Goods. | Tank. | Total. |
|--------------------------------------|-------------|--------|-------|--------|
| Weight of coal used per engine mile. | 41.95       | 32.59  | 9.04  | 26.84  |
| Do. of wood used per engine mile.    | 78.34       | 85.08  | 44.51 | 84.12  |

4. *Paragraph 7. Table G.I.*—The vehicle mileages recorded against the Postal Department represent the proportion of the total mileages run by 2nd and 3rd class

*Proceedings of the Madras Government, Public Works Department,  
9th June 1876.*

carriages, due to the compartments specially set apart for the use of the travelling Post Office. The particulars of these carriages are now being given at the foot of the Form XII of the Revenue Account.

5. Paragraph 9.—The error here pointed out is due to transposition of type; the correct figure being 3,304.

6. The other points noticed by the Government of India shall have attention in future Reviews.

No. 151.

ORDER THEREON, 9th June 1876, No. 1,433.

RAILWAY, No. 14.

ORDERED to be forwarded to the Government of India.

(Here enter No. 1,434, dated 9th June 1876.)

(True Extract.)

Colonel,

*Offg. Under Secy. to Govt., P.W.D.*

To the Consulting Engineer for Railways.

PUBLIC WORKS DEPARTMENT,  
FORT ST. GEORGE, 9th June 1876.

No. 152.

No. 1,434.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,

*Secretary to the Government of Madras,*

*Public Works Department,*

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,

*Public Works Department.*

RAILWAY, No. 15.

SIR,—Adverting to your letter No. 809 R, dated 21st March 1876, I am directed to forward the accompanying letter from

the Consulting Engineer for Railways affording the information called for in connection with the Review of the Revenue Accounts of the Madras Railway for the half-year ending 31st December 1874.

2. Lieutenant-Colonel Shaw-Stewart's letter No. 73 of the 4th February, quoted in paragraph 2 of the present letter, was forwarded to the Government of India with my No. 613 of the 8th March.

I have the honor to be,

Sir,

Your most obedient servant,

Colonel,

*Offg. Under Secy. to Govt., P.W.D.,*

*for Secretary to Government.*

Exd. S. T. Austin.

Spare Copies

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,

Madras, *5<sup>th</sup> June* 1876.

No. *274*

From

LIEUT.-COLONEL J. H. M. SHAW-STEWART, R.E.,

Consulting Engineer for Railways,

To

MAJOR-GENERAL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

*With reference to the order of Government dated 1<sup>st</sup> April 1876, N<sup>o</sup> 863, I have the honour to report as follows on the discrepancies noticed by the Government of India in their letter dated 21<sup>st</sup> March 1876, N<sup>o</sup> 809R.*

*2. Para 4. Table E.I. The required explanation will be found in my letter N<sup>o</sup> 73, of the 4<sup>th</sup> Feby: 1876, and in the note appended to this table in the Review for the first half of 1875, full*

*Pro: of Govt.  
8<sup>th</sup> March 1876,  
N<sup>o</sup> 612.*

full particulars of the mileage of the Madras Railway are given.

3. Para. 6. Table F.I. An error appears to have been made in calculating the average number of train miles hauled per day by each engine; This as stated by the Government of India should be 63 and not 68.

With regard to the weight of coal per train mile, an error was made through an endeavour to conform to the note at the bottom of the table in the Revised Form.

The Locomotive Superintendents statement, from which this

this table is prepared, gives the weight of coal used by coal-burning engines and that of wood by wood-burners; and the equivalents of these have been erroneously added together, which accounts for the apparently large consumption. The Locomotive Superintendent explained, some years ago, that it was impossible to give these particulars per train mile for each description of engine, as all returns are kept in engine miles, and the figures which have been hitherto given must be so understood. It is of course possible to work out

out the consumption per total train mile; but this cannot be divided among the different classes of locomotives. As from one-third to two-fifths of the mileage on the Madras Railway is run with coal, it will perhaps be well to continue to shew separately the consumption by engines burning the two descriptions of fuel. The last two Reviews submitted should be altered as follows:-

Second-half of 1874.

|                                      | Passenger | Goods | Tank  | Total |
|--------------------------------------|-----------|-------|-------|-------|
| Weight of coal used per engine mile  | —         | 31.74 | 7.10  | 25.59 |
| Weight of wood used per engine mile. |           | 84.92 | 48.00 | 83.67 |

First-half of 1875.

|                                     | Passenger | goods | Tank  | Total |
|-------------------------------------|-----------|-------|-------|-------|
| Weight of coal used per engine mile | 41.95     | 32.59 | 9.04  | 26.84 |
| Weight of wood used per engine mile | 78.34     | 85.08 | 44.51 | 84.12 |

4 Para 7. Table G.I. The vehicle mileages recorded against the Postal Department represent the proportion of the total mileages run by 2<sup>nd</sup> and 3<sup>rd</sup> class carriages, due to the compartments specially set apart for the use of the travelling post-office. The particulars of these carriages are now being given at the foot of the Form XII of the Revenue Account.

P. 9: 1876 Rep.  
-87-11040

5. Para. 9. The error here pointed out is due to transposition of type; the correct figure being 3,304.  
6. The other points noticed by the Government of India shall have attention in future Reviews.

I have the honour to be,  
Sir,  
Your most Obedt Servant,  
Wm. Thompson  
L. Eng for R. Railways

No. 150  
Despatched 6-6-76  
for 30th March 1876  
transmitted by the Secy to Govt. of India  
for 30th March 1876

RAILWAY DEPARTMENT.  
From The Consulting Engineer for Railways,  
To The Secretary to Government, P. W. Department, Fort Saint George.  
Dated 5th June 1876  
Received 1st June 1876  
No. 274

No. 1433 Public Works Department. 11

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 9 June 76.  
Read the following:—

From the Consulting Engineer for Railways } H.R. No. 274 of 5 June 76

Ordered to be forwarded to the Government of India.

H.R. No. 1434 of 9 June 76.

No. 1434.  
To the Secy to the Govt of India.

Sir,  
Adverting to your letter No. 809 R Dated 28 March 1876, I am directed to forward the accompanying letter from the Consulting Engineer for Railways affording the information called for in connection with the

C. E. for Rep. ✓ Dated 20/6/76

Review of the Revenue  
Accounts of the Madras  
Railway for the half  
year ending 31<sup>st</sup> Decem-  
ber 1874.

Lt. Col. Thos. Stewart.  
Letter No. 73 of the 4<sup>th</sup> February  
quoted in para 2 of the  
present letter, was for-  
warded to the Govern-  
ment of India with  
my No. 613 of the 8<sup>th</sup>  
March.

Desd 20/6/76

No 150-152

Atk 11-2-76

4040

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The Com<sup>r</sup> Eng<sup>r</sup> for M<sup>rs</sup>.

Dated

Issued

Read

Recd.

G. O., 9<sup>th</sup> Decr 1876, No.

Nos. 150 - 151

152

half with  
21-1-76

Review of the Revenue Account  
of the Madras Railway  
for the half year ending

31<sup>st</sup> Decr 1874. Letter

from the Com<sup>r</sup> Eng<sup>r</sup>. affording  
the information called  
for by the Gov<sup>t</sup> of India in  
connection with the —  
ordered to be forwarded  
to the Gov<sup>t</sup> of India.

Forwarding letter  
from the Com<sup>r</sup> Eng<sup>r</sup> for M<sup>rs</sup>  
affording information  
called for by the  
Gov<sup>t</sup> of India in  
connection with the  
Review of the Revenue  
Account of the Madras  
Ry for the half year  
ending 31<sup>st</sup> Decr/74