

27217 B/A ✓

Public Works (1897) Department.

Went
Printson

G.O., No. 575 R

DATED 9. August 1897.

28/8/97

[Despatch Abstract.]

Winter's System of Electrical Intercommunication.
ordered that the Secretary of State be furnished with the correspondence on the subject of — in trains. which has been in accordance with the Public Railways Act 1880

With forwarding copies of certain correspondence giving information relating to Winter's System of electrical intercommunication in trains.

22/8/97

23/8/97

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Ordered that the Secretary of State be furnished with the correspondence on the subject of — in trains.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers:—

Despatch from the Right Honourable the Secretary of State for India, to His Excellency the Governor in Council, Fort St. George, dated India Office, London, 27th May 1897, Railway No. 1.

I forward, herewith, a * copy of a letter from the Board of Trade on the subject of the means of communication between passengers and railway servants in charge of trains, and I request that Your Excellency will cause me to be furnished with the information desired by the Board in regard to railways in the Madras Presidency.

* Dated 17th May 1897.

ENCLOSURE.

From F. P. HOPWOOD, Esq., Board of Trade, Railway Department, 7, Whitehall Gardens, London, S.W., to the Under Secretary of State, India Office, dated 17th May 1897, No. 4996 R.

I am directed by the Board of Trade to state, for the information of Lord George Hamilton, that they have recently appointed a Departmental Committee to enquire whether the means of communication between the passengers in railway trains and the servants of the company in charge of the train at present adopted are efficient and whether any particular system of communication in use or available is so efficient as to make its general adoption by the Railway Companies desirable.

The committee have informed the Board of Trade that they have decided to request the leading Railway Companies in this country to furnish them with a description of the system or systems of communication in use on their lines, and to state whether the system is applied to all trains or only to those running a specified distance without stopping, and especially what has been their experience of its working, and the committee consider it highly desirable that information on these points should, if possible, be obtained as to the principal railways in India.

The Board of Trade concur in the opinion of the committee that reports as to the practice in that country would be useful, and I am therefore to suggest, for the consideration of the Secretary of State, that steps should be taken to obtain such information as may be available on the subject.

ORDER—No. 575 R., dated 19th August 1897.

Ordered that the Secretary of State be addressed.

[Here enter No. ²¹/_{575 R.}, dated 19th August 1897.]

(True Extract.)

(Signed) F. J. E. SPRING,
Offg. Joint Secy. to Govt.,
Railway Branch.

Exd. Shaik Karim.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honourable the Secretary of State
for India.

No. ²¹/_{575 R.}, dated 19th August 1897.

FORWARDING copies of certain correspondence giving information regarding
Winter's system of electrical inter-communication in trains.

No. $\frac{21}{575}$ B., 19TH AUGUST 1897.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONOURABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

With reference to your Lordship's Despatch, Railway No. 1, dated the 27th May 1897, we have the honour to forward, herewith, copies of the marginally-noted correspondence giving information regarding Winter's system of electrical inter-communication in trains which has been in use on the Madras Railway since the year 1880, and has recently been adopted on the South Indian Railway.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.

(") H. W. BLISS.

(") J. GROSE.

OOTACAMUND,
19th August 1897.

Ed. Shail Karim.

From the Acting Agent and Manager, Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 25th September 1896, No. 9509/841.

With reference to your endorsement on letter, No. 353 R.S., dated Simla, 12th August 1896, from the Government of India, I have the honour to state that Mr. Winter's system of electric inter-communication in trains has been in use on the Madras Railway on all trains, except ballast trains, since the year 1880, and all departments have had every reason to be satisfied with the system. It is tested on every train at every station after starting, or when running through, and thus forms a ready and certain means of assuring the train staff that all is right. Failures are few, and any that occur are necessarily brought to light at once. For the last two years they have averaged 1 in 7,655 train miles.

2. The inter-communication forms a ready and certain means of protection for passengers, and during the two years ending 30th June 1896, it was used on twelve occasions to stop trains for purposes connected with the safety of passengers and public property; on four occasions on the discovery of fire in trains; and on three occasions on the discovery of derangement in the rolling-stock. During the same period only three instances have been recorded of trains being stopped owing to the unintentional ringing of the bell, and no cases have been recorded for several years past of improper use of the plungers in the carriages by the public.

3. In addition to giving an all-right signal when running, and thus assuring the driver that his train has not parted, the communication is frequently used between the guard and driver for the purpose of signalling to pull up the rear vehicles of a long train to the platform, or to give the starting signal to the driver, when the view from end to end of the train is interrupted, and is a means of saving considerable loss of time.

4. From the experience derived from Mr. Winter's system on the Madras Railway I unhesitatingly recommend its adoption on all lines throughout India.

From the Officiating Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, Simla, dated Ootacamund, 2nd October 1896, No. 836 R.

With reference to your letter, No. 353 R.S., dated 12th August 1896, I am directed to forward, herewith, a copy of letter, No. 9509/841, dated 25th September 1896, from the Agent and Manager, Madras Railway, reporting on Mr. Winter's system of electric inter-communication in trains, on the line under his control. From the experience gained on the Madras Railway and in the opinion of this Government the perfect working of Mr. Winter's system since 1880 would appear to justify its adoption on all lines of railway throughout India.

From the Acting Agent and Manager, Madras Railway, to the Consulting Engineer for Railways, dated Madras, 4th August 1897, No. 10070/A. 737.

In compliance with the request contained in your letter, No. 2088, dated 24th June 1897, I have the honour to forward herewith two pamphlets giving information regarding Winter's electrical inter-communication in trains.

22/ Please see Am's letter
 No 9509 dt 25.7.86 (flag O/D)
 As No 1053 dt 29.11.95 in
 Case 154 of 1895 (flag E) for
 information in office.

RAILWAY.

LAGER'S OFFICE,

25th September 1896

C 154/954

22/6/97

21/10/96

Agent and Manager,

Madras Railway Company,

Consulting Engineer for Railways.

Madras

Papers received from
 The Electric Intercom.
 Comm. Co. Ltd.
 in reference to your endorsement
 No 353 R.E. dated Simla
 from the Government of
 the honor to state that

... term of electric intercom.
 munication in trains has been in use
 on the Madras Railway on all trains,
 except ballast trains, since the year
 1880, and all Departments have had
 every reason to be satisfied with the
 system. It is tested on every train at
 every station after starting, or when
 running through, and thus forms a ready
 and certain means of ascertaining the train
 staff that all is right. Failures are few,
 and any that occur are necessarily brought
 to light at once. For the last 2 years they
 have

No. 9509

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 25th September 1896

From

The Agent and Manager,

Madras Railway Company,

To

The Consulting Engineer for Railways.

Sir,

Madras

With reference to your endorsement on letter N^o 353 R. & S. dated Simla 12th August 1896 from the Government of India, I have the honor to state that Mr. Winters' system of electric intercommunication in trains has been in use on the Madras Railway on all trains, except ballast trains, since the year 1880, and all Departments have had every reason to be satisfied with the system. It is tested on every train at every station after starting, or when running through, and thus forms a ready and certain means of securing the train staff that all is right. Failures are few, and any that occur are necessarily brought to light at once. For the last 2 years they have

148

have averaged 1 in 9655 train miles.

2 The intercommunication forms a ready and certain means of protection for passengers, and during the two years ending 30th June 1896 it was used on 12 occasions to stop trains for purposes connected with the safety of passengers and public property, on 11 occasions, on the discovery of fire in trains, and, on 3 occasions, on the discovery of derangement in the rolling stock. During the same period only 3 instances have been recorded of trains being stopped owing to the unintentional ringing of the bell, and no cases have been recorded for several years past of improper use of the plungers in the carriages by the public.

3. In addition to giving an all-right signal when running, and thus assuring the Driver that his train has not parted, the communication is frequently used between the Guard and Driver for the purpose of signalling to pull up the rear vehicles of a long train to the platform, or to give

I have the honor to acknowledge the receipt of your letter of the 11th inst. in relation to the proposed system of signaling on the Madras Railway. I have the honor to inform you that the same has been forwarded to the Board of Directors for their consideration. I am, Sir, very respectfully,
 Yours, &c.
 M. H. Co.,
 The Consulting Engineer
 for Railways.

3.
 give the starting signal to the Driver, when the view from end to end of the train is interrupted, and is a means of saving considerable loss of time.
 4. From the experience derived from Mr. Winters system on the Madras Railway I unhesitatingly recommend its adoption on all lines throughout India.

I have the honor to be,
 Sir,
 Your most obedt. servant.
 Henry West
 Secy. Agents & Manager

Encl
 1

4170
a. No.

[Faint handwritten text in Tamil script, likely a memorandum or letter.]

[Faint handwritten text in Tamil script, likely a memorandum or letter.]

The Consulting Engineer
for Railways.

The Agent and Manager,
M. R. Co.,

MADRAS RAILWAY.

R. Form No. 12.

[Handwritten signature/initials.]

No. 836.2

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECY. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

Similar
Copy, the 2nd September 1896

SIR,

With reference to
your letter No: 353 R.S.
dated 12th August 1896, I
am directed to forward
herewith a copy of letter
No: 9509, of 25th Sept 1896,
from the Agent & Manager,
Madras Railway reporting
on Mr. Winters' system of
electric inter-communication
in trains, on the line under
his control. From the
experience gained on the
Madras Railway and in
the

[illegible][illegible]

The Under Secretary of State,
India Office.

N=7.

Copy letter from the
Board of Trade dated
17th May 1897.

Received in Madras
Railway Despatch N=1
dated 27th May 1897.

P.S. 607897

533.

RAILWAY,

No. 1.

TO HIS EXCELLENCY THE HONOURABLE THE GOVERNOR
IN COUNCIL FORT ST. GEORGE.

*Dated 17th May 1897.

INDIA OFFICE,

LONDON. 27th MAY 1897.

Sir,

I forward herewith a copy of a
letter^x from the Board of Trade on the
subject of the means of communication
between passengers and Railway servants
in charge of trains, and I request that
Your Excellency will cause me to be
furnished with the information desired
by the Board in regard to railways in
the Madras Presidency.

I have, etc.,

(Sd) George Hamilton.

No. 1

117 Railway
27th May 1897.

copy.
Letter to Fort St. George,
No. 1.

533.

RAILWAY,
No. 1.

INDIA OFFICE,
LONDON. 27th MAY 1897.

TO HIS EXCELLENCY THE HONOURABLE THE GOVERNOR
IN COUNCIL FORT ST. GEORGE.

Sir,

I forward herewith a copy of a letter from the Board of Trade on the subject of the means of communication between passengers and Railway servants in charge of trains, and I request that Your Excellency will cause me to be furnished with the information desired by the Board in regard to railways in the Madras Presidency.

I have the honour to be,

Sir,

Your most obedient humble Servant,

George Hamilton

^x
Dated 17th May 1897.

No. 6.

Railway

27th May 1897.

The

Letter to Fort St. George,

No. 1.

1897

D.

Please obtain from A. - A.M.
if we have not the information already.

F/M

18/6/97

Madras, 24th June 1897.

To

AGENT AND MANAGER, M. R.

No. 2088 Reply No. 10070 / 4/737, dated 4.8.97

SIR, I h. to request that you will favour me, for the information of the Board of Trade, with a short description of Winter Train Inter Communal as used on the Madras Rly.

Reminders.

2088 dt 26.7.97

26/7/97

CMU 24/7

The Board of Trade

CMU 24/6

With. No need to refer to SIR as they have not recently introduced Winter system on their Mail Train.

CMU

Despatched on 24/6/97

Subject.



From
MADRAS RAILWAY.
To
The Agent and Manager.
The Consulting Engineer
for Railways.
Dated
188
Recd.
No.

(R.) Form No. 3.

P. W. Current No 6076
Consulting Engineer's C. No. 3371

1 A No. 575 R of 19th Aug 1897 P. W. Branch

DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Despatches from the Secy of State Railway N^o. I of 27th May 1897.
With enclosure

H. B. K. Governor

The Hon. L. H. B. K. C. S.
" " Secy. Gen. C. S.

Orders that the Secretary
of State be addressed.

No. 575 R of 19th Aug 97
To,
The Right Honorable the Secy
of State for India.

My Lord.

With reference to your
Lordship's Despatch Railway
N^o. I, dated the 27th May
1897, we have the honor to
forward herewith, copies of the
marginally noted correspond-
ence giving information regard-
Winters' System of Electrical
Intercommunication in trains
which has been in use on
the

- 1. Letter from the Agent Manager
M. Ry to the Consg. Engr. for Ry. Madras.
No. 9507/841 of 25.9.96
2. Letter from the Agent Manager
M. Ry to the Consg. Engr. for Ry. Madras.
No. 836 R of 2.10.96.
3. Letter from the Agent Manager
M. Ry to the Consg. Engr. for Ry. Madras.
No. 10070/1737 of 4.8.97 and Encls.

24/9/97

the Madras Railway since the
year 1880, and has recently
been adopted on the South
Indian Railway.

F.R.S.

10/8/97

14/9/97

10/8/97