

**GOVERNMENT OF INDIA (BHARAT SARKAR)  
MINISTRY OF RAILWAYS (RAIL MANTRALAYA)  
(RAILWAY BOARD)**

No. 2010/Tele/WP/09-10/Multimedia/Pt.I

New Delhi,  
Dated: 07.10.13


**Chief Signal & Telecom Engineer,  
Northern Railway,  
New Delhi.**

**Sub: Wi-Fi Internet facility in trains and other railway locations.**

**Ref: (i) Item No. 952 of Pink Book 2013-14 (N.Rly)  
(ii) DOT's letter No. 820-1/2009-DS Pt.II dated 23.02.09.**

DOT vide letter referred at S.No.(ii) above has issued instructions regarding provision of Wi-Fi Internet service under de-licensed frequency band. The instructions can be downloaded from DOT's website [www.dot.gov.in](http://www.dot.gov.in) and following the link *Home> Data services> Internet services>Pertaining to ISP license granted to issue of guidelines dated 24.8.07* (letter dt. 23.02.2009)

Kindly see that the above instructions are followed while executing the work referred at S.No.(i) and at other locations wherever Wi-Fi Internet service under de-licensed frequency band is proposed.



07/10/13

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**Copy:**

All CSTEs( except N.Rly.) for informations and necessary action wherever Wi-Fi Internet facility through de- unlicensed band is proposed.

**Government of India**  
**Ministry of Communications & IT**  
**Department of Telecommunications**  
Sanchar Bhawan, 20, Ashoka Road, New Delhi - 110 001  
(DS-Cell)

No. 820-1/2008-DS Pt.II

Dated: 23.02. 2009

To

All Internet Service Providers

**Subject: Instructions under the Internet Service Licence regarding provision of Wi-Fi Internet service under delicensed frequency band**

In the recent past concerns have been raised that Wi-Fi Networks were being misused by anti-social elements. Insecure Wi-Fi networks are capable of being misused without any trail of user at a later date. In order to address the issue related to insecure Wi-Fi network, all the Internet Service providers are hereby instructed to follow the following procedure for the secure use of Wi-Fi services under the delicensed frequency band in the interest of security of the nation with immediate effect:

**(I) (a) Internet services (wired/wireless) provided by Licencee to new Subscriber**

- (i). Licencee will ensure a registered and secure Internet service including Wi-Fi connectivity through user Login ID and password to all the subscribers with central authentication mechanism.
- (ii). Licencee shall deploy suitable Customer Premises Equipment (CPE) for wired / wireless internet connectivity at subscriber.

end, keeping in view the further deployment of Wi-Fi connectivity for implementing the (i) above.

- (iii). Licencee shall ensure that unique user ID and Password do not have provisions for simultaneous multiple logins. Licencee may give more than one user ID and Password to a single subscriber for multiple usage for his internet account.
- (iv). Licencee shall put a clause in Subscriber Agreement of new subscribers that any Wi-Fi connectivity deployed by subscriber has to be activated only after it is registered for centralized authentication with the Licencee.

**(b) Wi-Fi services provided at public places i.e Hotels, Restaurant, Airports Malls, Shops, Railway Stations through hotspot.**

- (i). Licencee shall create bulk Login IDs at each Wi-Fi hotspot location for controlled distribution. The authentication shall be done at a centralized server only which could be a POP location of the service provider.
- (ii). Licencee or its Franchisee shall register the Subscribers for providing temporary Login ID and password for the use of public Wi-Fi spot through either of the following methods:
  - a. Retaining a copy of Photo Identity of the subscriber with Licencee which shall be preserved by the Licencee for a period of one year.
  - b. Provisioning of Login-ID and Password through SMS on subscriber's mobile phone through automated process and keeping mobile number of subscriber as the identity of the internet subscriber with reference to

Login-ID provided for a period of one year. In such cases, photo identity may not be necessary.

**(c) Internet subscriber on Lease Lines**

- (i). Licencee will direct and take compliance from Leased line based internet subscribers to setup and maintain centralized authentication themselves for Internet Services including Wi-Fi usage. Leased line based internet subscribers shall also have the option to get the centralized authentication for their internet usage by the respective Licencee.

**(d) Wi-Fi services deployed by existing subscriber**

- (i). Licencee shall ensure compliance to Para (I)(a)(i) to (I)(a)(iii) for all existing Wi-Fi customers who have taken Wi-Fi services from the Licencee.
- (ii). Licencee will inform their Internet subscriber about registering Wi-Fi connectivity with Licencee through monthly bills, emails etc. at regular interval.
- (iii). Efforts shall also be made to create awareness among public for using registered Wi-Fi connectivity.
- (iv). Licencee shall direct its existing Internet subscribers, including those who have deployed Wi-Fi routers themselves, to get the Wi-Fi Internet connectivity registered with Licencee within four months.
- (v). If it comes to the notice of Licensee that the internet subscriber has not registered with the licensee and is using Wi-Fi connectivity, Licensee is hereby directed to suspend the

internet services to such subscribers till they are registered with the Licencee.

- (II) Para I(a)(i) to I(a)(iii) shall also be applicable for provisions in Para (I)(b)&(c) also. All the above actions shall be implemented within four months.

*Subodh*  
*23.02.19*  
(Subodh Saxena)  
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Copy to:

1. Secretary, TRAI, New Delhi
2. Wireless Advisor, WPC Wing, New Delhi
3. DDG(Security), DoT, New Delhi
4. DDG(AS-I), DoT, New Delhi
5. DDG(AS-II), DoT, New Delhi
6. DDG(C&A), DoT for posting on the DoT website