

REGISTERED No. M - 302
L.-7646

The Gazette  **of Pakistan**

**EXTRAORDINARY
PUBLISHED BY AUTHORITY**

ISLAMABAD, MONDAY, APRIL 04, 2016

PART II

Statutory Notifications (S. R. O.)

GOVERNMENT OF PAKISTAN

PAKISTAN TELECOMMUNICATION AUTHORITY

NOTIFICATION

Islamabad, the 12th February, 2016

S. R. O 287(I)/2016.—In exercise of powers conferred under clause (o) sub-section (2) of section 5 of the Pakistan Telecommunication (Re-organization) Act, 1996, the Authority hereby makes the following regulations, namely:—

1. **Short Title and Commencement.**—(1) These regulations shall be called the Class Licensing and Registration (Amendment) Regulations, 2016.

(2) These regulations shall come into force with effect from the date of gazette notification.

2. **Amendment in regulation 2, S.R.O 692(1)/2007 of 2007.**—In the Class Licensing & Registration Regulations, 2007, at page 3052 of S.R.O 692(1)/2007 of 2007, after clause (c) of sub-regulation (1) of regulation 2, the following clauses/definitions shall be inserted and read as follows:

“(ca) **“Backhaul”** means a portion of the network that comprises of intermediate links between the content source and a distribution point in small sub networks;”

(1045)

3. **Amendment in regulation 2, S.R.O 692(1)/2007 of 2007.**—In the Class Licensing & Registration Regulations, 2007, at page 3052 of S.R.O 692(1)/2007 of 2007, after clause (g) of sub-regulation (1) of regulation 2 the following clauses/definitions shall be inserted and read as follows:

- “(ga) “dBi” means decibel isotropic.*
- “(gb) “dBm” means decibel milliwatt.*
- “(gc) “EIRP” means Effective Isotropic Radiated Power.*
- “(gd) “Fixed network operator” means Local Loop (Fixed , Wireless) and Long Distance International licensee of PTA”*

4. **Amendment in regulation 2, S.R.O 692(1)/2007 of 2007.**—In the Class Licensing & Registration Regulations, 2007, at page 3053 of S.R.O 692(1)/2007 of 2007, after clause (h) of sub- regulation (1) of regulation 2 the following clauses/definitions shall be inserted:

- “(ha) “Indoor” means a single set of premises in single occupation within a single unbroken boundary or a vehicle, vessel, aircraft or hovercraft.*
- “(hb) “ISM” means Industrial Scientific and Medical”*

5. **Amendment in regulation 2, S.R.O 692(1)/2007 of 2007.**—In the Class Licensing & Registration Regulations, 2007, at page 3053 of S.R.O 692(1)/2007 of 2007, after clause (m) of sub-regulation (1) of regulation 2 the following clauses/ definitions shall be inserted and read as follows:

- “(ma) “Node” means a connection point, either a redistribution point or an end point or both for data transmission.*
- “(mb) “Non-Interference Basis (NIB)” means a condition of use relative to other specified uses that affords no protection from harmful interference from the other specified users, and prohibits causing harmful interference to the other specified users”*

6. **Amendment in regulation 2, S.R.O 692(1)/2007 of 2007.**—In the Class Licensing & Registration Regulations, 2007, at page 3053 of S.R.O 692(1)/2007 of 2007, after clause (s) of sub- regulation (1) of regulation 2 the following clauses /definitions shall be inserted and read as follows:

- (t) *“Wi-Fi” means Wireless Fidelity. The technology corresponding to the IEEE 802.11 standards for low power, indoor wireless data communication.*
- (u) *“Wi-Fi Offloading” also known as Mobile traffic offloading is the use of complementary network technologies for delivering traffic originally targeted for cellular networks.*
- (v) *“Wi-Fi node” means node that operate on Wi-Fi technology.*
- (w) *“Wi-Fi hot spot” is a Wi-Fi node that is attached to a fixed network and provides limited mobility access or fixed access”*

7. **Amendment in regulation 9, S.R.O 1114(1)/2008 of 2008.**—In the Class Licensing & Registration (Amendment) Regulations, 2008, at page 4055 of S.R.O 1114(1)/2008 of 2008, sub-regulation (3) of regulation 9 shall be substituted and read as follows:

- (3) *Industrial Scientific and Medical (ISM) bands comprising 2.4-2.5 GHz and 5.725-5.875 GHz may be used free of charge by CVAS Data and Local Loop on Non-Interference Basis (NIB) with following restrictions on power limits:*
- (a) *Commercial/non-commercial (Public/Private) use for establishing Wi-Fi hot spot. Maximum EIRP of 30 dBm for each of the following bands:*
- i. *2.4-2.5 GHz*
 - ii. *5.725 – 5.875 GHz*
- (b) *Backhauling of Traffic as referred in Clause 9(5), 9(6) and 9(7) and establishment of Point to Point Links.*
- i. *2.4-2.5 GHz*
Maximum transmitter output power of 30 dBm with up to 36 dBm (30 dBm + 6 dBi) of EIRP.
 - ii. *5.725-5.875 GHz.*
Maximum transmitter output power of 30dBm with up to 53 dBm (30 dBm + 23 dBi) of EIRP”

8. Amendment in regulation 9, S.R.O 692(1)/2007 of 2007.—In the Class Licensing & Registration Regulations, 2007, at page 3056 of S.R.O 692(1)/2007 of 2007, after sub-regulation (3) of regulation 9, the following clauses shall be inserted and read as follows:

- (4) *No license shall be required for indoor private (non-commercial) use.*
- (5) *Backhaul for public Wi-Fi hot spot shall be provided by a fixed network operator where such services are available.*
- (6) *Mobile Operators wishing to provide public fixed or limited mobility Wi-Fi services to their own customers shall do so under commercial arrangement with fixed network operator.*
- (7) *Mobile Licensee can undertake Wi-Fi offloading of mobile traffic to a Wi-Fi node linked to a mobile network or to a Wi-Fi hot spot linked to a fixed network.*
- (8) *Wi-Fi node linked to a mobile network shall be used to provide offloading of mobile traffic only from its own subscribers and from those that are roaming on its own network.*
- (9) *Details of outdoor links will be registered with FMB through PTA prior to commencement of service for record purposes.*
- (10) *PTA may inspect the site and obtain necessary information as and when required*
- (11) *Wi-Fi hotspot owners shall be responsible to ensure that their services are compliant to all relevant laws of the country specifically the national security requirements; and PTA's, other relevant Regulations, SOPs and Directives.*
- (12) *PTA may order closure of Wi-Fi hotspot(s), Wi-Fi Node(s) or link(s) either permanently or temporarily for security reasons, on violation of the rules, regulations, SoPs or PTA's directives and/or on the policy directives of the Government of Pakistan"*

[F. No. 50/Regs/PTA/2005/Pt/293.]

ERUM LATIF,
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