**IEEE P802.19**

**Wireless Coexistence**

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# **NOT FOR IMMEDIATE RELEASE May 14, 2015 – Draft**

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**IEEE STARTS TASK GROUP ON NETWORK-BASED COEXISTENCE AMONG GEO-LOCATION CAPABLE DEVICES OPERATING UNDER GENERAL AUTHORIZATION**

*IEEE P802.19.1a TG develops radio technology independent methods for exchanging the information of coexistence among heterogeneous networks operating under general authorization over IP-based network*

**PISCATAWAY, N.J., USA, XX XXX 2015** – IEEE, the world’s largest professional organization dedicated to advancing technology for humanity, and the IEEE Standards Association (IEEE-SA) today announced the launch of new amendment standards-development project to IEEE 802.19.1-2014 designed for exchanging the information of coexistence among heterogeneous networks operating under general authorization such as the TV band White Spaces, the 5GHz license-exempt bands and the general authorized access in 3.5GHz bands over IP-based network. This is the first standard-development project which covers 3.5GHz Spectrum Access System (SAS) in Untied States.

With the need to address the growing demand for mitigating co-channel interference among wireless networks and devices including both IEEE 802 and non IEEE 802 systems operating under general authorization, the Task Group defines the network-based coexistence information exchange among networks and devices to enable network-based coexistence management. It specifies the following:

* Procedures and protocols for collection and exchanging coexistence information of heterogeneous networks
* Spectrum resource measurements and network performance metrics, such as packet error ratio, delay, etc.
* Information elements and data structures to capture coexistence information

For more information on the IEEE 802.19 Wireless Coexistence Working Group, please visit <http://www.ieee802.org/19>/.

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