Wireless Innovation Forum Announces Comments and Modifications on Topics included ITU-R Workshop Party 5A Report
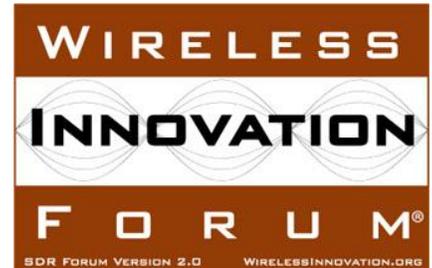
For Immediate Release

Washington, DC, **19 November 2013** – **The Wireless Innovation Forum**, a non-profit international industry association dedicated to driving the future of radio communications and systems worldwide, today announced comments and modifications on several topics addressed in the ITU-R Working Party 5A (WP 5A) preliminary draft report on new Cognitive Radio Systems (CRS). The Forum released its comments in a recent document prepared by the Forum's Regulatory Committee (http://groups.winnforum.org/Recommendations).

The Wireless Innovation Forum offered comments on the working document towards a preliminary draft report. The sections for which the Forum supplied comments, and an excerpt from each section include:

- Cognitive pilot channel (CPC) /Cognitive control channel (CCC)
  The Forum proposes that WP 5A reduce the focus on CPC/CCC within the draft report to reflect the changing regulatory and market environment since CPC/CCC was first developed as a concept. Distribution of control information/information relative to CRS deployments should not be restricted to a specific air interface.
- Geolocation databases
  Current trials have shown that the use of networked and synchronized databases accessed with device location information can be a critical technology in maximizing incumbent protection by enabling and managing real time access to this spectrum by secondary users on a geographic and temporal basis.
- Applicability to different frequency bands e.g. 3.5GHz
  The under-utilisation of spectrum is not a band-specific problem; spectrum is underutilized in several frequency bands where these bands also have the potential for spectrum sharing through CRS means.
- Sensing – secondary user coexistence and potential fallback mechanisms
  The use of spectrum sensing technologies to better enable cooperative, opportunistic access should not be discounted in future regulatory and system planning.
- Receiver guidelines/specifications
  The use of receiver characteristics should be included as part of the analysis of spectrum allocations.
- Technology/Service neutrality
  Technology and service neutrality is required to further enable innovative and efficient use of spectrum.
- Blended infrastructure approach
  A blended infrastructure approach will increase in dominance over the coming years.
- Licensing models e.g. Licensed shared access/authorized shared access
  Regulatory models should include combinations of licensed and unlicensed, sharing and hierarchical, cooperative and co-existent domains for the optimal utilization of spectrum.

To download the complete recommendation, click here: http://groups.winnforum.org/d/do/6929.

The Forum's support of this request is driven by the Forum's Advocacy Agenda, created in 2012 to support the Forum's mission of advocating for the innovative utilization of spectrum, and advancing radio technologies that support essential or critical communications. The Advocacy Agenda defines The Forum's members' consensus positions on areas that include innovation and competition, regulation, technology, standards, interoperability and security, allowing the Forum to act as the voice of the wireless innovation community.

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About the Wireless Innovation Forum
Established in 1996, The Wireless Innovation Forum (SDR Forum Version 2.0) is a non-profit mutual benefit corporation dedicated to advocating for spectrum innovation, and advancing radio technologies that support essential or critical communications worldwide. Members bring a broad base of experience in Software Defined Radio (SDR), Cognitive Radio(CR) and Dynamic Spectrum Access

(DSA) technologies in diverse markets and at all levels of the wireless value chain to address emerging wireless communications requirements. To learn more about The Wireless Innovation Forum, its meetings and membership benefits, visit www.WirelessInnovation.org.

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