P1900.6-2011/Cor P1900.6-2011/Cor 1

Submitter Email: michael.gundlach@nsn.com
Type of Project: Corrigendum to IEEE Standard 1900.6-2011
PAR Request Date: 26-Nov-2013
PAR Approval Date:
PAR Expiration Date:
Status: Unapproved PAR, PAR for a Corrigendum to an existing IEEE Standard

1.1 Project Number: P1900.6-2011/Cor P1900.6-2011/Cor 1
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems. - Corrigendum P1900.6-2011/Cor 1

3.1 Working Group: Spectrum Sensing in Advanced Radio Systems (COM/DySPAN-SC/DYSPAN-P1900.6)
Contact Information for Working Group Chair
  Name: Michael Gundlach
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Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee (COM/DySPAN-SC)
Contact Information for Sponsor Chair
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Contact Information for Standards Representative
None

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 08/2014
4.3 Projected Completion Date for Submittal to RevCom: 02/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 10
5.2.a. Scope of the complete standard: This standard defines the information exchange between spectrum sensors and their clients in radio communication systems. The logical interface and supporting data structures used for information exchange are defined abstractly without constraining the sensing technology, client design, or data link between the sensor and client.

5.2.b. Scope of the Proposed changes: This corrigendum shall modify the terms and definitions of the 1900.6 specification.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: The purpose of this standard is to define spectrum sensing interfaces and data structures for dynamic spectrum access (DSA) and other advanced radio communications systems that will facilitate interoperability between independently developed devices and thus allow for separate evolution of spectrum sensors and other system functions.

5.5 Need for the Project: Sponsor Ballot comments to the 1900.1a and to the 1900.6a specifications implied that some of the terms and definitions used in the 1900.6 and 1900.6a specifications shall be revised. Being outside the scope of 1900.6a, this corrigendum shall add the modifications needed.

5.6 Stakeholders for the Standard: Manufacturers of licensed/unlicensed wireless communications equipment, microchips, sensing equipment and related system solutions.
Wireless communication service providers and providers, developers and operators of spectrum data bases.
Government, regulators, and developers of future standards for dynamic spectrum access systems, including research organizations.

Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
   Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):