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## myProject™ - P1900.1 PAR Detail

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**Submitter Email:** jahoffmeyer@msn.com

**Type of Project:** Modification to Approved PAR

**PAR Request Date:** 25-Mar-2008

**PAR Approval Date:** 19-May-2008

**PAR Expiration Date:** 31-Dec-2009

**Status:** Modification to a Previously Approved PAR, Std 1900.1-0

**Project:**

**Root Project:** 1900.1-0

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**1.1 Project Number:** P1900.1

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

**1.4 Is this project in ballot now?** No

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**2.1 Title:** Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management

**Old Title:** Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Networks, System Functionality, and Spectrum Management

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**3.1 Working Group:** Terms, Definitions and Concepts for Spectrum Management Working Group (COM/SC/1900.1WG)

**Contact Information for Working Group Chair**

James Hoffmeyer

Email: jahoffmeyer@msn.com

Phone: 303-931-3840

**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Communications Society/Standards Committee (COM/SC)

**Contact Information for Sponsor Chair**

Alexander Gelman

Email: adg@ieee.org

Phone: 609 644 2097

**Contact Information for Standards Representative**

Alexander Gelman

Email: adg@ieee.org

Phone: 609 644 2097

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of Submission for Initial Sponsor Ballot:** 09/2007

**4.3 Projected Completion Date for Submittal to RevCom:** 06/2008

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**5.1 Approximate number of people expected to work on this project:** 13

**5.2 Scope:** This standard provides definitions and explanations of key concepts in the fields of spectrum management, cognitive radio, policy defined radio, adaptive radio, software defined radio, **Old Scope:** This standard provides technically precise definitions and explanations of key concepts in the fields of spectrum management, cognitive radio, policy defined radio,

and related technologies. The document goes beyond simple, short definitions by providing amplifying text that explains these terms in the context of the technologies that use them. The document also describes how these technologies interrelate and create new capabilities while at the same time providing mechanisms supportive of new spectrum management paradigms such as dynamic spectrum access.

adaptive radio, software defined radio, and related technologies. The document goes beyond simple, short definitions by providing amplifying text that explains these technologies. The document also describe how these technologies interrelate and create new capabilities while at the same time providing mechanisms supportive of new spectrum management paradigms such as dynamic spectrum access.

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** New concepts and technologies are rapidly emerging in the fields of spectrum management, policy defined radio, adaptive radio, software defined radio, reconfigurable radio and networks and related technologies. Many of the terms used do not have precise definitions or have multiple definitions. This document facilitates the development of these technologies by clarifying the terminology and how these technologies relate to each other.

**Old Purpose** New concepts and technologies are rapidly emerging in the fields of spectrum management, policy defined radio, adaptive radio, software defined radio, reconfigurable radio and networks and related technologies. Many of the terms used do not have precise definitions or have multiple definitions. This document facilitates the development of these technologies by clarifying the terminology and how these technologies relate to each other.

**5.5 Need for the Project:** Lack of clear definitions and general agreement on key terms is an impediment to the deliberation and debate necessary to the refinement of new concepts and technologies. This document will assist this process by clarifying the terminology and how these technologies relate to each other. Further, it will provide a valuable resource for new entrants to the arena.

**5.6 Stakeholders for the Standard:** The stakeholders for this project will be manufacturers of licensed/unlicensed wireless communications equipment, chip manufacturers, wireless communication service providers and regulators.

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**Intellectual Property**

**6.1.a.** Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes

If yes, state date: 01/06/2005

**6.1.b.** Is the Sponsor aware of any copyright permissions needed for this project? No

**6.1.c.** Is the Sponsor aware of possible registration activity related to this project? No

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**7.1 Are there other standards or projects with a similar scope?** No

**7.2 International Activities**

**a. Adoption**

**Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?** No

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Person Name:**

**Contact Person Phone:**

**Contact Person Email:**

**b. Joint Development**

**Is it the intent to develop this document jointly with another organization?** No

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Person Name:**

**Contact Person Phone:**

**Contact Person Email:**

**c. Harmonization**

**Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?** No

**Organization:**

**Technical Committee Name:**  
**Technical Committee Number:**  
**Contact Person Name:**  
**Contact Person Phone:**  
**Contact Person Email:**

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**8.1 Additional Explanatory Notes: (Item Number and Explanation)** Title: The word "Wireless" was added in front of the word "Networks." The addition of the modifier "Wireless" is important because the document does not include all types of networks; it addresses only wireless networks. Changes to Scope: Minor changes to the scope were made to reflect comments made during the initial balloting of P1900.1. Specifically, the word technically was deleted as requested by one commenter. The word describe in the last sentence was changed to describes. There was full support of the active members of the Ballot Resolution Group for these changes. Note: Other changes were made to the Scope Section of the Ballot Version of P1900.1 to reflect the PAR change approved on 27 SEP 2007. The balloting of P1900.1 was conducted in parallel with the earlier PAR change request; the balloting was from 7 SEP 2007 to 7 OCT 2007. Changes to Purpose: No changes are requested to the purpose statement in the PAR approved on 27 SEP 2007. However, other changes were made to the Purpose Section of the Ballot Version of P1900.1 to reflect the PAR change approved on 27 SEP 2007. The balloting of P1900.1 was conducted in parallel with the earlier PAR change request; the balloting was from 7 SEP 2007 to 7 OCT 2007. This PAR was originally approved 2005-03-14. It was modified 2007-09-27. The PAR expiration date is 2009-12-31.

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