

P1900.4.1

Submitter Email: paul.houze@orange-ftgroup.com

Type of Project: New IEEE Standard

PAR Request Date: 05-Feb-2009

PAR Approval Date: 19-Mar-2009

PAR Expiration Date: 31-Dec-2013

Status: PAR for a New IEEE Standard

Project Record: 1900.4.1

1.1 Project Number: P1900.4.1

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Interfaces and Protocols Enabling Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Networks

3.1 Working Group: Architecture and Enablers for Optimised Radio & Spectrum resource usage (SASB/SCC41/P1900.4)

Contact Information for Working Group Chair

Name: Paul Houze

Email Address: paul.houze@orange-ftgroup.com

Phone: 33 1 45 29 44 06

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE-SASB Coordinating Committees/SCC41 - Dynamic Spectrum Access Networks (SASB/SCC41)

Contact Information for Sponsor Chair

Name: Hiroshi Harada

Email Address: harada@nict.go.jp

Phone: 81-46-847-5074

Contact Information for Standards Representative

None

4.1 Type of Ballot: Entity

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 02/2011

4.3 Projected Completion Date for Submittal to RevCom: 09/2011

5.1 Approximate number of entities expected to be actively involved in the development of this project: 20

5.2 Scope: This standard uses the IEEE 1900.4 standard as a baseline standard. It provides detailed description of interfaces and service access points defined in the IEEE 1900.4 standard enabling distributed decision making in heterogeneous wireless networks and obtaining context information for this decision making.

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

5.4 Purpose: This standard facilitates innovative, cost-effective, and multi-vendor production of network side and terminal side components of IEEE 1900.4 system and accelerates commercialization of this system to improve capacity and quality of service in heterogeneous wireless networks.

5.5 Need for the Project: The IEEE 1900.4 is the baseline standard defining architectural building blocks enabling network-device distributed decision making for optimized radio resource usage in heterogeneous wireless networks. To ensure interoperability between network side and terminal side components of the IEEE 1900.4 system, detailed description of interfaces and service access points defined in the IEEE 1900.4 standard is required.

5.6 Stakeholders for the Standard: Stakeholders include wireless devices end users, regulators, operators and manufacturers.

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: 15-Jan-2009

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

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?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

b. Joint Development

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

c. Harmonization

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

8.1 Additional Explanatory Notes (Item Number and Explanation): 5.2: The baseline standard 1900.4 is a standard for Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks