

Minutes of the 73rd General Meeting of the Wireless Innovation Forum 31 October to 2 November, 2012

The 73rd General Meeting of The Wireless Innovation Forum (SDR Forum version 2.0) was held 31 October to 2 November, 2012 at the Harris Customer Briefing center in Melbourne, Florida. This document provides the minutes of that meeting.

The agenda for this meeting can be found at:
http://groups.winnforum.org/73rd_WM_Agenda

The drop box for this meeting can be found at:
<http://groups.winnforum.org/p/do/si/topic=591>

The drop box is accessible to Forum members only.

The feedback form for this meeting can be found at (feedback is still welcome):
<http://s.zoomerang.com/s/WInnForum73rdWM>

Opening Plenary: Wednesday, 31 October 2012

The meeting was called to order at 12:15 PM by the Chair of the Forum, Mr. Bruce Oberlies. Meeting announcements were made, and following this, the agenda for the 73rd General Meeting was reviewed and adjustments were made based on feedback received. A Liaison report from the ETSI TC RRS was then given by Dr. Ruediger Leschhorn. Following this, Mr. Oberlies recessed the Plenary until Friday at 12:00 PM. The meeting was adjourned at 13:00.

Key Accomplishments in Melbourne

The following defines the key decisions and milestones achieved in Melbourne, organized by committee. Information on specific projects in development can be found at:

http://www.wirelessinnovation.org/page/Current_Projects

User Requirements Committee (URC) Meeting Minutes

- ***Response to NTIA FirstNet Notice of Inquiry Finalized*** – the Public Safety Special Interest Group, Chaired by Mr. Fred Frantz representing Engility, prepared the response for release by the Board of Directors, following the Forum's Fast Track process using material from previously approved Forum Reports, including the Public Safety Use Case documents, the Public/Private Partnership Reports and the Response to the NIST Request for Comment on R&D Priorities for the National Public Safety Broadband Network.

- **“Cognitive Radio Technology Assessment” Report matured** – the Public Safety Special Interest Group also worked to advance their report identifying the current and projected maturity of Cognitive Radio technologies applicable to the public safety practitioner. The group agreed to drop the planned detailed analyses of academic papers, and instead draw conclusions from the survey results obtained and include a bibliography of the papers that were identified.

Technical Committee on Cognitive Radio and Dynamic Spectrum Access (TC-CR/DSA) Meeting Minutes

- **“Concepts for the revision of the “Information Processing Architecture (IPA)” explored** – The Cognitive Radio Work Group, Chaired by James Neel representing Cognitive Radio Technologies Inc., explored extending the IPA by generating a use case and design for a simple context-aware cognitive radio application leveraging the Context Toolkit, an open source (GPL) academic code base for making context aware Mobile (phone) applications.
- **“Receiver Performance Guidelines and Evaluation Criteria” project formation meeting held.** – A joint meeting of the Cognitive Radio Work Group and the Public Safety Special Interest Group was held to explore the formation of this new project. The meeting was chaired by Dr. Bruce Mueller, representing Motorola Solutions, and during this meeting, the project scope was discussed in the development of a project proposal.
- **“Spectrum Consumption Model” discussed** – the Modeling Language for Mobility Work Group, chaired by Dr. Mitch Kokar, representing Vistology, discussed the Spectrum Consumption Model (SCM) proposed by John Stine, representing Mitre. The group began looking at how to integrate the SCM in with the MLM Specification, and began planning how to work with the SCM for Spectrum.

Technical Committee on Software Defined Radio (TC-SDR) Meeting Minutes

- **“Communications Systems Modeling” project matured**– The Communications Systems Modeling Work Group, chaired by Vince Kovarik representing PrismTech, reviewed their project concept, background and objectives, and then developed an initial tradeoff analysis of tool selection for the modeling effort. The group experimented with importing an RSA (*.emx) UML model into Enterprise Architect, and planned additional tests with larger models.
- **“Fast Prototyping with the WinnF Transceiver Facility” project matured** – The Transceiver Facility Specification Work Group, Chaired by Eric Nicollet representing Thales, presented the initial software upload provided by Thales and discussed the

- real time limitations of the solution. The group issued a call for participation to improve this implementation, and discussed future activities for the project.
- ***Transceiver Facility Specification Version 2.0 discussed*** – The Transceiver Facility Specification Work Group also began planning the development of version 2.0 of their specification. Discussion centered on the use of the groups Wiki page to identify areas for improvement and collect contributions. The group agreed to review the Wiki during their next teleconference and make a go/no go decision on a revision then.
 - ***“Security Requirements for Software Reconfigurable Communications Devices” specification matured*** – William Scott, representing GD C4S, led a session of the Security Work Group to continue converting the text of Securing Software Reconfigurable Communications Devices into requirement text. Several hundred requirements have been generated to date, and the group is discussing the scope of requirements.
 - ***International Security Services API Revision matured*** – Scott Leubner, representing Harris, led the International Security Services API task group led a review of the comments received by Thales on the version 1.0 specification. The group plans to complete their document review shortly to allow plenary ballot in the January time frame.

Coordinating Committee on International SCA Standards Meeting Minutes

- ***The Zero Copy CORBA project matured*** - The SCA Next Work Group, chaired by Gerry Bickle, representing Raytheon, reviewed the status of the newly approved project on “Zero Copy Data Transfer”. The group plans expand ORB vendor participation as required by the OMG, clarify the approach, impact assessment and alignment assessment with respect to the SCA CORBA profiles, and provide a client and server example of proposed approach.
- ***“API Requirements Specification” and “Audio Device API Enhancements” projects reviewed by the SCA API Work Group*** - The SCA API Work Group, chaired by Fabio Casalino, representing Selex, reviewed the status of these two projects including the list of items to be included in the specification that have been identified and the importance level values that have been set for each item through a survey. It was noted that some group members have applied to make a contribution, and that initial contributions have been collected in a draft document.
- ***“State of the Art of Waveform Application Portability” project matured*** - The SCA Implementers Work Group, chaired by Alberto Quintana representing Indra, reviewed and clarified the scope of the report, developed a preliminary outline for the report, and identified the initial list of references. The group plans to generate a report template based on this information to use in their project moving forward.

- **“SCA Test Lab” report matured** – The SCA Test and Evaluation Work Group, led by Randy Navarro representing SAIC, defined a document framework for all 9 personas planned for use in the report, and completed 30 to 40% of the open sections.

Regulatory Committee Meeting Minutes

- **Forum’s “Regulatory Agenda” matured** – the Regulatory Committee, chaired by Bruce Oberlies of Motorola, began work on defining the Forum’s Regulatory Agenda. A format for presenting each advocacy position in this agenda was set, topics were identified based on input from members and positions taken in previous documents, and key points for each topic were drafted.

Closing Plenary – Friday, 2 November 2012

The meeting was recalled to order at 12:30 hours by Mr. Bruce Oberlies. A check of the role and received proxies indicated that a quorum was not present.

Liaison Reports – Liaison reports were given by partner organizations as follows:

- ACROPOLIS Program, presented by Dr. James Neel
- QoSMOS Program, presented by Mr. Lee Pucker
- COST-Terra, presented by Mr. Lee Pucker
- IEEE P1900.5, presented by Ms. Lynn Grande

Regional Reports – A report on activities in ITU Region 1 was presented by Bruce Oberlies on behalf of David Renaudeau, representing Thales. Dr. James Neel presented the ITU Region 2 report on behalf of Mr. Terry Anderson, representing IT Exelis. Mr. Oberlies presented the ITU Region 3 Report on behalf of Ms. Boya Lu, representing Huawei.

Committee Out Briefs – Out briefs were given on the outcomes of the Melbourne meeting by the chairs of the Committee on SDR, the Committee on CR/DSA, the Coordinating Committee on International SCA Standards, the Regulatory Committee and the User Requirements Committee.

Member Opportunities Presented – Mr. Pucker presented member opportunities for the next quarter.

Close of the 73rd General Meeting – Mr. Oberlies called for any other business. Hearing none, he adjourned the meeting at 15:00.