

## Minutes of the 76<sup>th</sup> General Meeting of the Wireless Innovation Forum 11 to 13 June, 2013

The 76<sup>th</sup> General Meeting of The Wireless Innovation Forum (SDR Forum version 2.0) was held 11 to 13 June, 2013 in Munich in conjunction with SDR-WinnComm-Europe 2013. This document provides the minutes of that meeting.

The agenda for this meeting can be found at:  
[http://groups.winnforum.org/Europe\\_2013\\_agenda](http://groups.winnforum.org/Europe_2013_agenda)

The drop box for this meeting can be found at:  
<http://groups.winnforum.org/p/do/si/topic=645>

The drop box is accessible to Forum members only.

### **Opening Plenary: Tuesday, 11 June 2013**

The meeting was called to order at 08:30 PM by the Vice Chair of the Forum, Dr. Ruediger Leschhorn. Meeting announcements were made, and following this the agenda for the 76<sup>th</sup> General Meeting was reviewed and adjustments were made based on feedback received. Three documents were then introduced to be balloted at the Forum level at the Closing plenary:

- WINNF-13-P-0003-V0.6.0 Assessment of Cognitive Radio Technologies for Public Safety
- WINNF-09-S-0011-V1.6.0 Int Radio Security Services API
- WINNF-13-S-0004-V0.6.0 IRSS API Functional Requirements Analysis and Specification

Following this, a review was held of the Forum's Top 10 Most Wanted Wireless Innovations and Advocacy Agenda, with actions assigned to the two committee to bring proposed changes forward at the closing plenary. An ITU Region 2 report was also given. The meeting was recessed at 10:00 AM.

### **Key Accomplishments in Munich**

The following defines the key decisions and milestones achieved in Munich, organized by committee.

### **Spectrum Innovation Committee Meeting Minutes**

- *Plenary Sessions* – during the plenary session, the Committee agreed to the following:

- **ITU Request** – The Committee will respond to the ITU-R Working Party 5A invitation to the Forum to comment on their new Cognitive Radio report. Responses are due 11 November 2013, and so the Forum’s Technical and Regulatory Officers will send out request for participation to Forum members
- **Inclusion in the Top Ten Wireless Innovation List** – The Committee agreed to propose Context Aware CR to be included in the Top Ten Wireless Innovation List
- ***New project Proposal on Context Aware Cognitive Radio*** – A project proposal was finalized for a new project on context aware cognitive radio. The proposal was submitted to the Spectrum Innovation Committee Steering Group for consideration at their next meeting.
- ***“Integrated Communications Systems Modeling” project matured*** – The Communications Systems Modeling Work Group, chaired by Tom Rittenbach representing CERDEC and Vince Kovarik representing PrismTech, reviewed the ICSM project objectives, background and brief history for new attendees. The group then reviewed work performed on an initial set of use cases and scenarios for system startup, and presented the UML Activity model developed and walked through the execution flows, including a live animation/simulation of the startup activity flow. Following this, the group discussed perspectives of modeling, i.e. interaction, structural, behavioral, etc. and discussed next steps and strategy for continued model development.

## Coordinating Committee on International SCA Standards Meeting Minutes

- ***Charter revisions explored by SCA Test and Evaluation Work Group*** – The SCA Test and Evaluation Group, led by James Ezick of Reservoir Lab, discussed revising their charter to better align with Forum strategy. The proposed language of the revised charter is “This WG will identify and promote best practices for defining, achieving, and verifying SCA compliance throughout the software development lifecycle”. The group also discussed outreach activities to broaden participation, including a potential webinar in the fall once the test lab document is ready.
- ***“State of the Art of Waveform Application Portability” project matured*** - The SCA Implementers Work Group, chaired by Alberto Quintana representing Indra, introduced the project to newcomers and then discussed a number of items related to the study:
  - Business models impacting the way portability is addressed
  - Identification of stakeholders
  - Different points of view regarding benefits of portability (Industry vs. Procurement agencies)
  - Portability as a platform issue and not only waveform issue
  - Problems of IPRs
  - Need of open platforms and models

- The report template and reference lists were also reviewed and updated. The group's meeting concluded with a discussion of how to consider/involve tool vendors in the report outcome, and agreed to develop a questionnaire jointly with the SCA Test and Evaluation Work Group to address this issue.
- ***“API Requirements Specification” and “Audio Device API Enhancements” and “CORBA Zero Copy” projects reviewed*** – A Joint Session of the SCA Next and the SCA API Work Groups was held, led by Fabio Casalino representing Selex ES, to review the status of these three projects. Outcomes of this review are as follows:
    - The original Zero-copy project will be reformulated with its deliverable being a webinar to be held on the topic, where the potential customers interested in the use of ORB products for SDR applications, propose their main requirements and the participant vendors reply with proposals and/or their current solutions to achieve those requirements.
      - The Webinar will be proposed around September/October 2013 time frame
      - Teleconferences will be held, by Forum and any other interested members including Prismtech and OIS, in order to create the Webinar event
    - The Group agreed that the Audio Enhancements API Project should be closed
    - The Group will survey the membership to determine if there is sufficient interest to continue the API Requirements Specification project
  
  - ***International Radio Security Services API Documents Reviewed*** – John Fitton, representing Harris Corporation, remotely led a review of the documents submitted for plenary ballot at this meeting. The group also explored a number of candidate activities for follow on work including:
    - Developing an International Key Tag Format & Content Standard
    - Developing a Waveform Security Policy Content Standard
    - Developing a Radio Platform Security Policy Content Standard
    - Developing a Waveform to Radio Platform Operating Parameter Interface/Plug-in standard which is HMI agnostic
    - Standardizing a Platform OE API Functional Operations (Ref. IRSS API FRS Chapter 4.1)
    - Supplementing the FRS with TETRA and Commercial Waveform Security needs (Contributions being sought)
    - Developing an IRSS API Implementer's guide
    - Developing an IRSS API reference implementation
    - Conducting an IRSS API FRS vs. API spec gap analysis & update specification for high priority items.

The IRSS API Task Group formally requested that the SCA Steering Committee seek input from SCA Advisory Group Members as to what IRSS API work group future work activities can contribute to their regional and national radio programs and in what ways can we work together for our mutual interests.

## **Closing Plenary – Wednesday, 13 June 2013**

The meeting was recalled to order at 15:30 hours by Dr. Ruediger Leschhorn. A check of the role and received proxies indicated that a quorum was present. Proxies were voted by Mr. Keith Nolan, and a list of organizations voting by proxy is included at the end of this report.

***Approval of WINNF-13-P-0003-V0.6.0 Assessment of Cognitive Radio Technologies for Public Safety*** – a motion was made by Alberto Quintana, representing Indra, to approve this document at the Forum level. The motion was seconded by Vince Kovarik, representing Prismtech. Dr. Leschhorn called for discussion and hearing none, called the question. The document was approved with A4ESSOR abstaining.

***Approval of WINNF-09-S-0011-V1.6.0 Int Radio Security Services API*** – a motion was made by Vince Kovarik, representing Prismtech, to approve this document at the Forum level. The motion was seconded by R. Muralidharan representing TATA Power SED. Dr. Leschhorn called for discussion and hearing none, called the question. The document was approved with A4ESSOR and Thales abstaining.

***Approval of WINNF-13-S-0004-V0.6.0 IRSS API Functional Requirements Analysis and Specification*** – a motion was made by David Murotaki, representing Hitachi Kokusai Electric, to approve this document at the Forum level. The motion was seconded by Alberto Quintana representing Indra. Dr. Leschhorn called for discussion and hearing none, called the question. The document was approved with A4ESSOR and Thales abstaining.

***Committee Out Briefs*** – Out briefs were given on the outcomes of the Munich meeting

- Note: an incorrect version of the IRSS-API outbrief was presented during the closing plenary. The correct version is included in the drop box and reflected in these minutes.

***Updates to the Top 10 Most Wanted Wireless Innovations List*** – A discussion was led by Lee Pucker on the proposed change introduced by the Spectrum Innovation Committee to the Top 10 List. The sense of the membership present was that they need more time to discuss:

- the proposed addition to the top 10 list in the context of what is currently on the list
- the items on the watch list

***Close of the 76<sup>th</sup> General Meeting*** – Dr. Leschhorn called for any other business. Hearing none, he asked for a motion to adjourn. Eric Nicollet representing Thales so moved, and R. Muralidharan seconded. Dr. Leschhorn called the question and adjourned the meeting at 17:06.

## **Organizations Voting By Proxy**

- Engility
- Virginia Tech
- Vistology