Minutes of the 68th General Meeting of the Wireless Innovation Forum
14 to 17 March 2011

The 68th General Meeting of The Wireless Innovation Forum (SDR Forum version 2.0) was held March 14 to 17, 2011 in San Diego, California. The meeting was sponsored by and collocated with the JTRS Science and Technology Forum (JSTeF). This document provides the minutes of the Forum's meeting.

The drop box for this meeting can be found at:
http://groups.winnforum.org/p/do/si/topic=416

The drop box is accessible to Forum members only.

Presentations from the JSTeF can be found in the JTRS Open Information Repository once they receive approval for release.

Pictures of the combined event can be found at: http://jtrs.calit2.net/.

The feedback form for this meeting can be found at (feedback is still welcome):
http://www.WirelessInnovation.org/page/SanDiego68survey

Opening Plenary: Monday 13 September 2010
The meeting was called to order at 13:00 PM by the Chair of the Forum, Mr. Bruce Oberlies. Meeting announcements were made Mr. Oberlies initiated a review of the agenda for the 68th General Meeting. Adjustments were made based on feedback received, and then Mr. Oberlies recessed the Plenary until Wednesday at 08:30. The meeting was adjourned at 13:20.

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

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

User Requirements Committee Meeting Minutes

- *New Vice Chair Announced* – Mr. Manuel Uhm, representing MIPS Technology and Chair of the User requirements Committee announced that Mr. David Renaudeau, representing Thales, would be the new vice-chair of the committee

- ***SDR Market Study Announced*** – Mr Uhm also announce that Mobile Experts LLC had been retained to perform an "SDR Market Segmentation and Sizing Study" on behalf of the members
- ***TD-LTE White Space Task Group project presented*** – Mr. Uhm presided over a meeting of the TD-LTE White Space Task group, filling in for Mr. Zhang Xiaojing representing Huawei, and presented the project proposal and draft document under development. Questions and comments received were noted in the document for future use by the group.
- ***History of the Public Safety Special Interest Group Presented*** – Mr. Rick Taylor, representing Harris Corporation, provided an overview of the charter, scope, and history (including approved documents) of the PSSIG to the attendees of the meeting, many of which were not familiar with the group.
- ***Technology Survey Project Matured*** – The Public Safety Special Interest Group worked on editing the functional requirements identified in the Request for Information to be distributed to industry.
- ***Document Outline Developed for SATCOM based Disaster Recovery Communications report*** – Mr. Daniel Devasirvatham, representing SAIC, presented a proposed outline for the "Hybrid SATCOM Reference Architecture" document under development focused on disaster recovery to a joint meeting of the Satellite Communications and Public Safety Special Interest Groups. Following the presentation, the group began seeking volunteers to write the various sections.
- ***Plan set for finalizing the "Issues in the Tactical Radio Market Domain" document*** – the International Tactical Radio Special Interest Group, Chaired by Mr. David Renaudeau, representing Thales, developed a plan to finalize and ballot this document by the 69th general meeting to be held in Brussels in June. The group also began work on a project proposal for developing am "SDR Waveform Portability Business Model"

Regulatory Committee Meeting Minutes

- ***Regulatory Committee Agrees to Support Member Organizations in Filing Reply Comments for FCC DSA Notice of Inquiry*** – Mr Peter Tenhula, representing Shared Spectrum and chair of the Regulatory Committee, indicated that the committee had decided NOT to file its own reply comments, but rather to support members as requested. The committee also set plans to increase outreach in Region 1 and Region 3, and issued a general call to members to make sure we have the right regulatory contact for their organization.

Committee on Next Generation Radio Technology Meeting Minutes

- ***"Business Models for Open Source Air Interfaces" matured*** – The Commercial Baseband Processing Technologies Workgroup (CBPT-WG) Continued to mature its report on business models for Open Source air interfaces

- *Security Work Group*
  - *"Securing Software Reconfigurable Communications Devices-Part 2" matured* – The Security Work Group continued to develop this report in support of the Public Safety communications market.
  - *"International Security Services API (ISS-API)" Project Matured* – The International Security Services API task group continued to mature this project by reviewing the Key Management API package proposal and discussing the IPSec sequence diagram, the API UML models for Key Management, Certificate Management, and Integrity & Authentication, and logistics for enabling further discussion on API submission
- *New uses of the Transceiver Facility Specification explored* – The Transceiver Facility Specification Work Group evaluated the possibility of using the UCSD P25 Project to help with planned CY2011 activities. The concept looked promising and could lead to a reference implementation of the Transceiver Facility on top of USRP supporting the P25 waveform. The group also looked at the use of the Transceiver Facility for Electronic Warfare applications, and agreed to organize a teleconference to discuss further.

Committee on Advanced Wireless Networking and Infrastructure Meeting Minutes

- *IPA Project Matured* – the Cognitive Radio work group matured the concepts of the Information Process Architecture through 3 presentations:
  - "IPA and Literature", presented by Mr. Peter Cook representing Hypres
  - "Lessons from Cursor on Target for IPA v2", presented by Mr. James Neel representing Cognitive Radio Technologies
  - "Lessons from GNU Radio for IPA v2", also presented by Mr. James Neel representing Cognitive Radio Technologies
- *Cognitive Radio Information Services Project (CRISP) Matured* – the Cognitive Radio work group also matured the CRISP project through 3 presentations:
  - "DNS for Cognitive Radio", presented by Mr. Fletcher McBeth representing Datron
  - "RRM Applications and Zhao's Radio Environment Map", presented by Mr. James Neel representing Cognitive Radio Technologies
  - "Standard Spectrum Resource Format", presented by Mr. Vince Kovarik representing PrismTech
- *DSA/White Space Database Specification Matured* – the DSA Whitespace Interoperability Database Workgroup explored questions, comments and suggestions for the FCC Office of Engineering and Technology (FCC OET) related to their specification on topics that included:
  - End-to-End Testing and Certification
  - Construction and Maintenance

- o Inter-Administration Coordination
- o Calculations
- o Security
- o Trial Periods

Coordinating Committee on International SCA Standards Meeting Minutes

- *Coordination Model for International SCA Standards Matured* – This work was lead by CC SCA Steering group working in cooperation with the Advisory Council and included reconciliation of comments and updates to document
- *Work on "SCA Next" Continued* – The SCA Next Work Group discussed the "SCA Next" issues from the online Issue list. 27 issues are on list and 17 were discussed at this meeting, with 9 moved to pending resolution (1 previously resolved in telecon), 2 requiring a vote to resolve, 6 more in discussion and 8 not discussed yet.
- *SCA Test, Evaluation and Certification Model Realization Matured* – the SCA Test and Evaluation Work Group met jointly with the International Tactical Radio Special Interest Group to advance the Personas Concept as a part of the business models rework, and actions for completion were assigned

Other Highlights of the 68th General Meeting

Keynote addresses to joint session of the JSTeF and WINNF – Addresses were received from 4 keynote speakers:

- COL (P) Michael E. Williamson, Deputy Program Manager, Program Executive Office, Integration
- Malcolm Ross O'Neill, Assistant Secretary of the Army (Acquisition, Logistics and Technology) and Army Acquisition Executive
- Mark A. Compton, Deputy Joint Program Executive Officer (Acting), Joint Tactical Radio System (JPEO-JTRS)
- Stuart F. Timerman, Defense Information Systems Agency (DISA) Director, Defense Spectrum Management Organization (DSO)

Closing Plenary – Thursday, 17 March 2011

The meeting was recalled to order at 08:30 hours by Mr. Bruce Oberlies. It was determined at this time that a quorum was present, so Mr. Oberlies ask for a motion to waive reading and approval of the minutes for the last 3 general meetings:

http://data.memberclicks.com/site/sdf/65th%20General%20Meeting%20Minutes.pdf
http://data.memberclicks.com/site/sdf/66th%20General%20Meeting%20Minutes%20-%20Final.pdf

http://data.memberclicks.com/site/sdf/67th_General_Meeting_Minutes-Final.pdf
Mr. Rick Taylor, representing Harris, so moved and Mr. Vince Kovarik, representing
Prismtech seconded. Mr. Oberlies called the question, and the motion carried with no
negative votes or abstentions.

Regional Reports – A detailed report on activities in ITU Region 1 was presented by Mr.
David Renaudeau, representing Thales. An update report from Regions 3 was presented
by Mr. Oberlies on behalf of the regional representative.

Committee Out Briefs – Out briefs were given on the outcomes of the Mainz meeting by
the chairs of the Technical Committees, the Roadmap Committee, the User Requirements
Committee, and the Regulatory Committee.

Close of the 68th General Meeting – Mr. Oberlies adjourned the meeting at 10:00 hours.