Minutes of the 69th General Meeting of the Wireless Innovation Forum
20 to 22 June 2011

The 69th General Meeting of The Wireless Innovation Forum (SDR Forum version 2.0) was held June 20 to 22, 2011 in Brussels, Belgium. The meeting was collocated with the 2nd General Meeting of the IEEE DYSPAN Standards Committee. 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=441

The drop box is accessible to Forum members only.

The feedback form for this meeting can be found at (feedback is still welcome):
www.WirelessInnovation.org/page/69thWMSurvey

Opening Plenary: Monday 20 June 2011
The meeting was called to order at 12:30 PM by the Chair of the Forum, Mr. Bruce Oberlies. Meeting announcements were made, followed by a presentation on Document WINNF-10-R-0018 entitled "Model for Coordination of International SCA Standards" by Mr. Eric Nicollet, representing Thales. Mr. Nicollet indicated that the document has completed Committee Level Ballot, that all comments have been resolved, and that the final document will be balloted at the Forum level on Wednesday following the Forum's approved policy on Document Development (Policy 001).

 Mr. Oberlies then initiated a review of the agenda for the 69th General Meeting. Adjustments were made based on feedback received, and then Mr. Oberlies recessed the Plenary until Wednesday at 10:30. The meeting was adjourned at 13:00.

Key Accomplishments in Brussels
The following defines the key decisions and milestones achieved in Brussels, 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

- *SDR Market Study Matured* – Mr Uhm announce that Mobile Experts LLC is finalizing work on the "SDR Market Segmentation and Sizing Study" on behalf of the members, and that this report will likely be released by the end of July.

- ***Report on Disaster Recovery Communications Introduced*** – 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 performed a final draft review of this document, with the goal of initiating work group ballot by the end of June. Through this process, the group agreed to renamed the document "White paper on SDR Technologies for the International Tactical Radio Market". The group also began work on a project proposal for developing am "SDR Waveform Portability Business Model for International Tactical Radio" and set plans for a regular conference call to occur on Mondays at 4:00 PM Central European Time every other week.

Regulatory Committee Meeting Minutes

- ***Regulatory Committee Sets Plans for Next Quarter*** – Mr Peter Tenhula, representing Shared Spectrum and chair of the Regulatory Committee, led a review of Regulatory Committee projects, including the minutes of the last telecom, the FCC visits held on 8 June, the FCC Technical Advisory Committee, the ISART R&D Workshop, and the Regulatory input to the Roadmap Wiki. The group also began setting plans for the Regulatory Workshop to be held in conjunction with SDR'11-WInnComm and received an update from Keith Nolan on the COST-TERRA Project.

Committee on Next Generation Radio Technology Meeting Minutes

- ***Security Work Group projects reviewed*** – John Fitton, representing Harris Corporation, led the Security Work Group in a review of the "Security Requirements and profiles Case Studies" and the "International Security Services Application Programming Interfaces" projects.
- ***Project Proposal for" 4G Baseband Design Framework" reviewed*** – Alexander Chemeris, representing Fairwaves, led the Commercial Baseband Processing Technologies Work Group in a review of the project proposal for this new project. Discussion focused on clarification of the goals and the scope of the project, and the group agreed to provide additional comments via email in advance of their 7 July teleconference
- ***Transceiver Facility Specification version 2.0 matured*** – The Transceiver Facility Specification Work Group, Chair by Eric Nicolet representing Thales, reviewed proposals for adaptive gain control and discussed AGC standardization.

Central to the discussion was a need to mitigate the risk of conflicting AGC API developments between the ESSOR and SVFuA programs

Committee on Advanced Wireless Networking and Infrastructure Meeting Minutes

- *New projects explored by the Cognitive Radio Work Group* – The Cognitive Radio Work Group, Chaired by James Neel representing Cognitive Radio Technologies Inc., began exploring new projects to undertake in FY2012. Projects discussed include a Cognitive Radio Yearbook to be provided as an annual update to the CRWG report on *"Quantifying the Benefits of Cognitive Radio"* published earlier in the year, and creating a Cognitive Radio Journal jointly with the Education Special Interest Group. The work group also met jointly with the Modeling Language for Mobility Work Group to review the status of the Information Processing Architecture project and the Cognitive Radio Information Services Process project.

Coordinating Committee on International SCA Standards Meeting Minutes

- *Work on "SCA Next" Continued* – The SCA Next Work Group discussed the "SCA Next" issues from the online Issue list. Issues 4, 6, 13 and 45 were resolved. In addition, the ESSOR UltraLw CORBA Profile contribution addressing issue 18 was discussed and resolved, and the ESSOR UltraLw AEP profile addressing issue 17 was discussed with a plan set for resolution.
- *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 and reworked the Personas Concept as a part of the business models. Use cases were identified describing
    - Certification of a SDR product of the Multichannel Ground and Vehicular domain
    - European country with own military radio industry
    - Contract is about delivery of a working radio including waveform
    - Development shall be according SCA 2.2.2 plus some national extensions
    - Certification of the platform and the waveform according the published SCA 2.2.2
    - Personnas involved e.g.
        - Radio Provider #1 (receives development contracts from a government Procurement Authority)
        - Procurement Authority #2 (government agency of a country that has not been involved in the first wave of SCA-compliant SDR development)

- o Scenarios are identified
- o Remaining action items assigned

In addition, the group met with the Transceiver Facility Specification Work Group to discuss certification of transceiver facility interfaces. The two groups agreed to reconvene in Montreal to discuss further.

Roadmap Committee

- *"Top 10 Most Wanted Wireless Innovations" list matured* – The Roadmap Committee, Chaired by Claude Belisle representing CRC, continued to develop innovation descriptions for the Top 10 list. The group plans to complete work in 15 July and initiate a Committee level Ballot at that time.

Closing Plenary – Wednesday, 22 June 2011

The meeting was recalled to order at 10:30 hours by Mr. Bruce Oberlies. It was determined at this time that a quorum was present, Rafael Aguado, representing Indra and Secretary of the Forum indicating that the following organizations were represented by proxy:

- Boeing
- Booz Allen Hamilton
- Elektrobit
- Hypres
- Keybridge
- Kolodzy Consulting
- NPSTC
- Optimum Semiconductor
- Reservoir Labs
- Shared Spectrum Company
- Stevens Institrute

Mr. Oberlies asked for a motion to waive reading and approval of the minutes for the last meetings (http://data.memberclicks.com/site/sdf/68th_General_Meeting_Minutes.pdf)

Mr. Eric Christensen, representing General Dynamics, so moved and Mr.John Fitton, representing Harris seconded. Mr. Oberlies called the question, and the motion carried with no negative votes or abstentions.

Mr. Oberlies then called the question on approval of Document WINNF-10-R-0018 entitled "Model for Coordination of International SCA Standards". The document was approved by unanimous consent.

Regional Reports – A report on activities in ITU Region 1 was presented by Mr. David Renaudeau, representing Thales. An update report from Regions1 and 3 was presented by Mr. Oberlies on behalf of the regional representative.

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

FY2012 Operations Plan Presented – Mr. Lee Pucker, CEO of the Wireless Innovation Forum, presented the FY2012 operations plan and proposed budget to the membership for review. Mr. Pucker indicated that the document would be sent out for email ballot of the proposed budget in the next week.

Close of the 69th General Meeting – Following the operation plan presentation, Mr. Oberlies called for new business. Hearing none, Mr. Claude Belisle, representing CRC, moved that the meeting close, and Ms. Kuan Collins, representing SAIC seconded this motion. Mr. Oberlies adjourned the meeting at 12:00 hours.