

SDR Forum General Meeting Agenda Atlanta, Georgia - February 5-8, 2001

Regulatory Committee Workshop Monday - February 5 - Agenda

The Regulatory Committee conducted a Regulatory Workshop focused on development of an SDR Forum position on the FCC's Notice of Proposed Rulemaking (NPRM) in ET Docket 00-47, Authorization and Use of Software Defined Radios.

The highlight of the meeting was a talk and Q&A session with Lisa Gaisford, Deputy Chief of the Policy and Rules Division in the Office of Engineering and Technology at the FCC (the FCC Office that originated the notice). Ms. Gaisford's afternoon presentation discussed the structure and operation of the FCC in addition to issues related to the NPRM. She followed up by conducting a lively dialog with the twenty-six participants on issues regarding certification and deployment of software defined radios identified by Workshop participants during their study of the proposal earlier in the day.

Participants from 23 organizations attended the Forum's Regulatory Workshop on the FCC's NPRM on software defined radio.

Following Ms. Gaisford's departure from the workshop, participants worked with SDRF counsel Mike Grable of the Forum's communications law firm of Harris Wiltshire & Grannis to identify draft "bullet point" positions, which Mike subsequently developed into a first draft of the SDRF's comment filing on this NPRM. This comment filing was subsequently refined via circulation and email dialog among interested Forum members, approved and filed with the FCC by the Forum's counsel on the comment due date, March 19th.

10:00 a.m. - 4:00 p.m. - Meeting conducted by the Regulatory Committee, open to members and non-members, to prepare comments on the FCC's Notice of Proposed Rulemaking in ET Docket 00-47 on Authorization and Use of Software Defined Radios. (included in general meeting fee)

Regulatory Committee Meeting Report

During the regular SDR Forum meeting, February 6-8, 2001, the Regulatory Committee sponsored the keynote address to the opening plenary by Ms. Lisa Gaisford, Deputy Chief, Plans and Policy Division of the FCC Office of Engineering and Technology, and met Tuesday following the plenary meeting and all day Thursday to address several regulatory agenda items:

- The Committee finalized the SDR Forum's comment filing on the FCC's NPRM in WT Docket 00-230, Promoting Efficient Use of Spectrum Through Elimination of Barriers to the Development of Secondary Markets. These comments were approved by the membership at the Forum's closing plenary session on Thursday and filed with the FCC on the comment due date by the Forum's counsel the next day, February 6th. In addition, the chair prepared a plain language, one page summary of the secondary markets NPRM and made it available to interested members.
- The committee developed a Forum position and comment filing on the FCC's NPRM in ET Docket 00-258 on spectrum allocation for third generation wireless systems. That filing was approved by the membership at the closing plenary and was subsequently filed with the FCC by the Forum's counsel on the comment due date, February 22nd.
- The committee continued its work on the SDR regulatory educational paper for European and Asian regulators, "Perspective and Views on Regulatory Aspects of Software Defined Radio." Additional edits were discussed and incorporated in the text.
- The committee discussed the process that the Forum will use to establish liaison with the various standards development organizations (SDOs) and the methodology for obtaining acceptance of

appropriate standards-ready text into the standards being created by those organizations. The plan is to identify SDRF members who are credibly connected to each SDO and request that they work to establish a working liaison between the two organizations. Through these liaisons, the Forum will be able to gain an understanding of the needs of each SDO with regard to SDR standards material and will be better able to meet those needs with appropriately constructed and formatted text.

- The committee discussed RAST liaison development and its intention to continue to seek international SDO recognition. It is important that the SDRF standards development process and SDO liaison be initiated promptly in order for the Forum to be able to be responsive to the RAST request to provide information to SDOs in advance of the Fall, 2001 RAST meeting.
- The committee discussed the idea of development of a regulatory liaison with the US Government NTIA/IRAC (in the US, commercial spectrum is regulated by the FCC, spectrum used by federal agencies is regulated by the National Telecommunications Information Administration via the Interdepartment Radio Advisory Committee). As a first step, the following questions were identified and considered:
 - What Government regulatory structures provide an opportunity for SDRF targeting?
 - What type of effort would be most effective?
 - What messages would be well received?
 - What can SDRF contribute?
 - What would be the benefits to SDRF?
 - Who are the appropriate contacts?
 - What are the components of the interaction plan?
- The committee discussed development of liaison with additional regulators in countries outside the US. It noted that an active member of the Forum and the Regulatory Committee is Horst Mennenga, a regulator from Germany. Plans are being made to try to involve Asian regulators in the Japan meeting (April 2001) and additional European regulators in the Spain meeting (September 2001).

SDR Forum Preliminary Session

Monday - February 5

Introduction to the SDR Forum and its activities for those who haven't participated previously

- 4:30 - 5:30 p.m. - Overview of the SDR Forum - Stephen Blust
- Technical Committee Activities - Ken Riordan
- Markets Committee Activities - Nancy Pearson

General Meeting

Tuesday - February 6

8:00 - 9:00 a.m. - Continental Breakfast

8:30 - 9:00 a.m. - Registration

9:00 - 10:15 a.m. - Opening Plenary

- 9:00 - 9:30 a.m. - Stephen Blust
 - Review of Chair Report on the Mesa Meeting
- 9:30 - 10:15 a.m. - Keynote Speaker: Lisa Gaisford
 - Deputy Chief, Policy and Rules Division, FCC Office of Engineering and Technology

10:15 - 10:30 a.m. - Break

10:30 - 11:30 p.m. - Consideration of input documents assigned to Plenary

- Forum Policy Guidance

- Forum Policy Manual
- Software Defined Radio Forum Technical Process
- Document Numbering and Formatting Policy
- A minimal signaling channel for SDR download support
- Software Radio Architecture (SRA) 2.0 Technical Overview
 - Overview
 - Main document files
 - Supporting document files
 - Rational Rose files
- Basestation Systems
- SDR Roadmap
- SCA Standards

11:30 a.m. - 12:30 p.m. - Committee working sessions

12:30 - 1:30 p.m. - Lunch

1:30 - 5:30 p.m. - Committee working sessions

Wednesday - February 7

7:30 - 8:30 a.m. - Continental Breakfast

8:30 a.m. - 5:30 p.m. - **Joint Experts Workshop on Open Architecture**

A Joint Experts Workshop on Open Architecture was conducted as a Forum Plenary Session.

This day long session included a series of relevant presentations from experts from both the military & civil government, and commercial communities.

- Cellular Network Overview
Anthony Spadafora, AirNet
- SDR Open Architecture- a European Perspective
Dr. Peter Harrop, Thales Communication Ltd
- Joint Tactical Radio System and the Need for Open Architecture
LTC Dwight Reed, Joint Staff J6T
- The Power of Open Architectures: A Commercial Wireless View
Stephen M. Blust, Cingular Wireless
- Open Architecture Solutions for Tactical Wireless Communications
Gary P. Martin, Tactical Radio Communications System, US Army
- JTRS Program
Michael C. Cox, USA, JTRS Deputy Program Manager

Thursday - February 8

8:30 - 9:00 a.m. - Continental Breakfast

9:00 - 10:30 a.m. - Committee Working Sessions

10:30 - 10:45 a.m. - Break

10:45 - 12:30 p.m. - Committee Working Sessions

12:30 - 1:30 p.m. - Lunch

1:30 - 2:30 p.m. - Committee Summary Presentations

2:30 - 3:00 p.m. - Closing Plenary Session