

## **Modular Multifunction**

### **Information Transfer System (MMITS) Forum**

**June 10, 11, 12 1997**

The Modular Multifunction Information Transfer System Forum conducted its Sixth General Meeting on June 10 - 12, 1997 at the NTIA/ITS facility in Boulder CO.

#### **June 10, 1997**

Jim Hoffmeyer opened the meeting at 8:45 AM with an overview of the meeting agenda. He read the anti-trust statement prepared by the Forum's legal counsel and asked if the participants had any knowledge of patents which are essential to the standards being developed; there were no affirmative responses.

He then summarized the Forum Outreach Activities, including: Dave Muratake spoke before the National Association of Broadcasters, Chuck Podaras led a discussion at the Next Generation Wireless Conference, and several MMITS Forum members participated in the European Commission's Software Radio Workshop.

#### **Operations Committee**

Allan Margulies presented the Operations Committee report stating that the main activity of the committee has been oriented toward establishing an independent web site. He also presented the proposed amendment to the intellectual property section of the bylaws that had been proposed at the last meeting and was posted on the web site; the amendment is scheduled to be voted on tomorrow.

#### **Programmable Modular Communications System IPT**

Wayne Bonser discussed the Programmable Modular Communications System Integrated Project Team which is sponsored by the Office of the Under Secretary of Defense. The IPT is looking at changing acquisition procedures to focus on commercial off-the-shelf equipment. Mr. Bonser discussed their work plan, structure, schedule, and reference model. In response to a question from Dr. Fette, he indicated that there was no significant difference between the PMCS reference model and the MMITS Forum reference model. Mr. Hoffmeyer then spoke about his presentation last week at the PMCS meeting.

#### **Technical Committee**

Mark Cummings spoke about the Technical Committee's plans to decide at this meeting what the deliverables will be for the December meeting and what the work plan will be to meet that goal.

The Plenary Session adjourned for the day at 10:30 AM

#### **Technical Report**

Mr. Cummings discussed the process for reviewing the draft technical report which has been posted on the web site for the last month. He described the document and began a line-by-line review assisted by Pat Tilley, Ron Vidano, Jim Gunn, and Bob Berezdivin.

#### **June 11, 1997**

The meeting opened at 8:00 AM

#### **Technical Report**

Mr. Cummings continued the review of the technical report assisted by Larry Williams. There was a discussion about the relationship of the diagrams in the report and the reference model as well as a discussion about the accuracy of the representations of the interfaces, functionality and control. Plenary Mr. Hoffmeyer opened the Plenary Session at 1:45 PM

### **TIA/APCO Project 25 - Jim Downs**

This activity is defining the next generation land mobile radio for public safety applications. One standard is a common air interface (FDMA/QPSK) and the goal is a common operational mode with over the air rekeying and trunking protocols. There is a Federal government mandate to reduce channel spacing to 12.5 khz by the year 2005 and all new equipment must meet that specification. The estimated cost to update 30,000 units is \$5 billion (not including the military).

### **Federal Frequency Management Process - Bill Frazier**

This discussion of the spectrum management process included a description of the way in which Federal government users and non-Federal government users obtain permission to use parts of the spectrum in the US.

### **Generic Open Architecture - Dawn Szclc**

The GOA model is derived from the NASA Space Generic Open Avionics Architecture concepts and it establishes a framework for defining generic interfaces for application independent hardware and software systems.

### **GloMo API Mark Lewis**

Mr. Lewis described the software commands and primitives developed and implemented under the Global Mobile radio program.

At 3:30 PM the Plenary Session was closed and committee meetings resumed.

**June 12, 1997**

### **Plenary Session**

Mr. Hoffmeyer opened the Plenary Session at 10:45 AM and discussed the schedule of future Forum activities. He announced that the next meeting, sponsored by Orange PCS and Motorola Semiconductor will be held in Warwick England on October 13, 14, 15. The December meeting, sponsored by Harris Semiconductor, is tentatively scheduled for Melbourne Florida on December 16,17, 18. In addition, there will be Technical Committee meetings in Chicago on July 15, 16, 17 and in Syracuse on August 12, 13, and a Market Committee meeting in August.

Following a discussion by the group regarding the review of the Technical Report, it was decided that the report would not be voted on at this meeting, and that the Steering Committee would develop a procedure for distributing the report after editorial changes made at this meeting are incorporated.

### **Bylaws Amendment - Allan Margulies**

Mr. Margulies reviewed the proposed intellectual property rights amendment to the bylaws. Ballots were distributed to the 14 voting members of the Forum who were present and the question was called by Matt

Sodano (MITRE). The vote was 12 in favor of the amendment, one opposed, and one abstention; the motion passed.

**Market Committee - Bruce Kraemer**

Mr. Kraemer described the outreach program designed to promote MMITS to potential members. A list of events will be posted on the web site and appropriate promotional material will be generated. The Market Research report is behind schedule; the current version will be posted on the web site and an outside company will be sought to provide research assistance. A December ballot date is still scheduled for this report.

Chuck Podaras talked about a MMITS prospectus that Mr. Blust, Mr. Kraemer, and he are developing. It will be a short, independent document to introduce the Forum and it will be distributed to prospective members and placed on the web site.. Comments on the prospectus should be directed to Stephen Blust and Chuck Podaras.

The meeting adjourned at 12:30 PM