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MEMBER ORGANIZATIONS

American Association of State Highway and Transportation Officials
American Radio Relay League
American Red Cross
Association of Public Safety Communications Officials - International
Forestry Conservation Communications Association
International Association of Chiefs of Police
International Association of Emergency Managers
International Association of Fire Chiefs
International Association of Fish and Wildlife Agencies
International Municipal Signal Association
National Association of State Emergency Medical Services Directors
National Association of State Foresters
National Association of State Telecommunications Directors

LIAISON ORGANIZATIONS

Federal Communications Commission
Federal Partnership for Interoperable Communications
Telecommunications Industry Assn
U.S. Dept. of Agriculture
U.S. Dept. of Justice
CommTech Program
U.S. Dept. of Homeland Security
FEMA
Safecom Program
U.S. Department of Interior

Formed on May 1, 1997, NPSTC is a federation of associations representing public safety telecommunications. NPSTC was originally formed to encourage and facilitate implementation of the findings and recommendations of the Public Safety Wireless Advisory Committee (PSWAC), established in 1994 by the Federal Communications Commission (FCC) and National Telecommunications and Information Administration (NTIA) to evaluate the wireless communications needs of local, tribal, State, and Federal public safety agencies through the year 2010, identify problems, and recommend possible solutions.

NPSTC has since taken on additional responsibilities including implementing the recommendations of the National Coordination Committee (NCC) and the support and development of the Computer Assisted Pre-coordination and Resource Database System (CAPRAD) for 700 MHz spectrum to assist the Regional Planning Committees (RPCs). NPSTC develops and makes recommendations to appropriate governmental bodies regarding public safety communications issues and policies that promote greater interoperability and cooperation between Federal, State and local agencies. Issues include: 4.9 GHz rebanding, Software Defined Radio (SDR), US/Canadian/DTV Transition, Project MESA, Spectrum Resources, Amateur Radio, 800 MHz, State Interoperability Executive Committees (SIECs) Broadband, and the International Telecommunications Union.

National Public Safety Telecommunications Council (NPSTC) Second Quarter Report, 2004

This Quarterly Report documents the activities of the National Public Safety Telecommunications Council (NPSTC), its Governing Board, National Support Office (NSO), and three committees, including their respective working groups for the second quarter, 2004.

National Support Office (NSO)

Administrative Changes

In March 2004, NPSTC's Governing Board approved a restructuring plan for the NPSTC Support Office (NSO). Formerly managed by the National Law Enforcement and Corrections Technology Center (NLECTC)-Rocky Mountain, hosted by the University of Denver, and funded through a grant from the National Institute of Justice's (NIJ) AGILE program, the NSO has been outsourced to Highlands Consulting LLC. The NSO supports NPSTC administration, the Governing Board, committees, meetings, documentation, reporting, the website, listserv, and archives; committee technical support; the publication of the newsletter and quarterly and annual reports; outreach; travel; and policy and procedures support. The restructured NSO comprises a Program Director; a Program Manager position, not yet funded; Committee Technical Support, and Administrative/Outreach Support.

NPSTC reorganized its three Committees—Technology, Spectrum Management, and Interoperability—during this time period, and committee processes are being streamlined. In May, the Governing Board was provided a draft Organization Chart for their review, which they voted to accept at the Quarterly NPSTC meeting on June 15, 2004. The Telecommunications Industry Association (TIA) was added to NPSTC as a liaison member. In

addition to approving NPSTC's revised organizational chart, two new Working Groups were added and approved—700 MHz Wideband Technology becomes part of the Technology Committee and Border Issues has been added to the Interoperability Committee. The revised organizational chart can be found at the end of this report.

NSO staff began drafting a policies and procedure manual to lay out structured policies and procedures for the conduct of NPSTC business. As the NSO creates model NPSTC policies and procedures, a formal Governing Board review and approval process will be implemented to baseline and maintain them. Also as part of the NPSTC restructuring effort, the NSO provided the Governing Board with draft suggestions for revision to the NPSTC charter, the NPSTC Handbook, a proposed outreach plan, and suggested slogans to capture and reinforce the mission of NPSTC in its publications and website. The Governing Board approved the slogan—*NPSTC: the collective voice for public safety communications*.

Yahoo listserv groups have been established for the Technology, Spectrum Management, and Interoperability Committees, initially with 20 members each, membership which has continued to grow each month. NSO Committee Technical Support will provide technical support for the three Committees, including issues monitoring, monthly reports, drafting assistance with content for quarterly newsletter, assistance with the development of technical papers, and meeting support.

The NSO is populating the NPSTC database and calendar and has developed a draft outreach plan. As the supply of NPSTC outreach materials diminishes, the NSO will develop new marketing materials, which may include a new postcard and a NPSTC brochure. A NPSTC archive consisting of all documentation, presentations, etc., that exist currently, and future additions will be organized according to a numbering system similar to that of the National Coordination Committee (NCC). FCC filings will be filed with tabbed files that describe each filing and contain the filing and website updates. NSO has established travel budgets and policies, providing each Committee Chair a certain budget for travel that can be shared if a member from one group cannot travel and another would like to do so. Teleconferencing and web conferencing abilities and policies have been developed and a portable wireless access point, print server, and printer have been purchased.

The NSO will perform a study of NPSTC communications needs to determine the best technological solutions to serve the growing needs of the Governing Board, Committees, and Working Groups. An interactive calendar has been approved and is now live on the website <http://caprad.nlectc.du.edu/webcal/npstc1/calendar.htm>. The calendar includes active links to the organization sponsoring the event or the relevant contact information.

The NSO is developing a detailed plan for updating the NPSTC website to make it more intuitive and easier to navigate. A focus group will be conducted to evaluate the current site and provide recommendations for revisions. The NSO is working with the NPSTC web service provider to develop a User Only section on the NPSTC website. The User section will be secured and accessible through a User ID and password and will contain NPSTC-sensitive materials, including an archive of relevant FCC and NCC documents.

The Governing Board held its quarterly meeting in Arlington, Virginia, on June 14 and 15, 2004. Minutes of the June 2004 Governing Board meeting are available at www.npstc.org.

FCC Filings

In May, 2004, two documents were filed with the FCC—ET 03 108 regarding Cognitive Radio, and ET 04 37, regarding Broadband over Power Lines. NPSTC Committees focused efforts on several very important FCC Dockets expected to be addressed in the third quarter.

02-55 FCC Order on 800 MHz Rebanding

The NSO recommended that the three Committee Chairs formulate the response to this order with any others they feel necessary to the process because of the importance of this proceeding. The NSO recommended that NPSTC's strategy and planning for an FCC response should include only a close circle of public safety representatives.

04-136 Unlicensed Operation in the TV Broadcast Bands

Because this docket considers both cognitive radio and broadband unlicensed operations, the NSO recommended that the chairs of the Software Defined Radio Working Group and the Broadband Working Group jointly develop a NPSTC response. This group will liaise with SDRF and IEEE 802 activities.

ICOM Petition for Rulemaking—Additional Public Safety Spectrum at VHF

This docket falls naturally within the purview of the VHF Refarming Working Group. The NSO will work closely with this Working Group on both the background analyses and writing tasks necessary to generate a response.

Committee Activities

Over the next quarter, the NSO will be providing an increased role in the facilitation and execution of Committee activities, which will include building momentum and focus of some Working Groups until they become self sustaining. During this quarter, a final version of the *Regional Planning Committee 4.9 GHz Guidelines* was provided to the Governing Council for approval. Comments were filed on the Cognitive Radio Docket (03-108), and draft comments generated for filing on the 4.9 GHz Docket (00-32) in support of a Commercial Entity waiver similar to a public safety filing to be filed in the near future (Access Spectrum Waiver, DA 04-1021). NPSTC members and NSO staff hosted a panel discussion and presentation at the annual United Telecom Council (UTC) Conference in Nashville, Tennessee, on the criticality of system sharing and the need for cooperation within 4.9 GHz band deployments. The NSO facilitated discussions of Software Defined Radio (SDR) issues including the Cognitive Radio Docket and the newly formed Public Safety Special Interest Group and Spectrum Efficiency/Cognitive Radio Working Group within the SDR Forum.

New liaisons have been created and past ones maintained with organizations, such as the SDR Forum, 802.18, DSRC/IEEE-WAVE, 802.11, the WiFi Alliance, and UTC.

During this quarter, the NSO analyzed the impact of clearing additional VHF spectrum under ICOM's Petition for Rulemaking; initiated work with the new Wideband Technologies Working Group that included a presentation on the Implementations Guideline for committee-wide review; and initiated analyses on Cognitive Radio techniques. These analyses will stimulate additional forward progress in the Software Defined Radio Working Group and support public safety's position on Interference Protection in the Comments on FCC Docket 04-186/02-380, the Sharing of TV Spectrum with Unlicensed Devices.

During the quarter, the Broadband Working Group strengthened their relationships with industry in joining several broadband companies at an FCC meeting on 4.9 GHz, followed by a joint ex parte filing. There were also several conference calls dealing with the Public Safety Special Interest Group within the SDR Forum (with activities of the NPSTC SDR Working Group under the Interoperability Committee). There was also a conference call and discussions on the 6.25 KHz Migration issue under the 700 MHz Advocacy Working Group.

Meetings attended included the IEEE 802 Plenary in Portland, Oregon; RABC Working Group Meetings dealing with Canadian 700 MHz Issues; and participation and testimony at the House Subcommittee¹ for National Security, Emerging Threats, and International Relations².

Spectrum Management Committee

The NPSTC Spectrum Management Committee currently oversees the activities of the following Working Groups:

- Regional Planning Committees (RPC)
- Broadband (BRB)
- TIA TR-8 (TIA)
- International Telecommunications Union (ITU)
- 700 MHz Outreach (700).

In June, by Governing Board approval, the Canadian Issues Working Group was reformed into the Border Issues Working Group (BIS) that will consider both Canadian and Mexican border issues. The primary focus at the present time is on 700 MHz harmonization and 800 MHz Consensus Plan issues. The Spectrum Management Committee asked and received approval from the Governing Board to change the name of the 700 MHz Outreach Working Group to the 700 MHz Advocacy Working Group.

Committee members joined the Broadband Industry Coalition for a joint meeting with the FCC on the 4.9 GHz mask issue. An NSO representative attended the IEEE 802 Meetings in Portland, Oregon, which covered, among other issues important to NPSTC, the impending WiFi Alliance launch of the WPA2 (WPA2 is the 802.11i feature set) certification program, with the first certified products in September 2004. It was reported that there will be an 18-month transition period until it becomes mandatory in all infrastructure and PC-centric products. This is also matched by the launch of the QoS [Quality of Service] certification program and first certified products, also in September 2004. These will both serve to greatly increase the usability of WiFi equipment within public safety deployments.

Other items included discussions on resolving 802.16 concerns on the 802.22 PAR [Project Authorization Request], and discussion on the TV sharing NPRM. The committee supported the generation of a new TG [Task Group] to deal with these technologies because otherwise it would go to 802.16 and move out of public safety's control. As a new TG, it would be driven by the members of the SG [Study Group], providing better control over the protections afforded public safety, as well as the inclusion of functionality that would make it better serve public safety. This TG also has the support of the broadcasters.

The 700 MHz Advocacy Working Group participated in a teleconference on the 6.25 KHz Migration issues and the need for an FCC filing. It was not possible to obtain general agreement among the teleconference participants because there were ultimately differing opinions on matters, such as licensing, type acceptance, and legacy operations. It was decided that participants should send their comments to the Working Group lead, who would then take this final recommendations to the Governing Board for action.

Regional Planning Committees (RPC)

The Governing Board approved the *4.9 GHz RPC Guidelines*, which were completed and distributed to RPC organizations in this quarter. The RPC Working Group lead is working on a clarification the Minor/Major waiver definition and has a Petition for Reconsideration pending at the Commission, filed April 8, 2004. The Working

¹ Under the Committee for Government Reform

² Note that since this meeting occurred on the very last day of the reporting period, an update on the results was not available.

Group recommended that NPSTC should consider a support filing on this, with the NSO to provide a one-page draft support filing to NPSTC for Region 24's Petition for Reconsideration.

During the quarter, the National Association of Regional Planning Committees (NARPC), Region 43 (Washington State), Region 18 (Louisiana), Regions 5 and 6 (California), and Regions 40/49/50/51/52/53 (Texas) all filed letters with the Commission on Docket 00-32 requesting a delay in the deadline for Submission of 4.9 GHz Regional Planning Guidelines, many based upon the NSO-provided template. Many of these also supported NPSTC's Petition for Reconsideration on the issues of the mask and Regional Planning enforcement powers. Although NPSTC itself has not specifically filed on this issue and instead has been working more with industry to resolve the mask and other issues, these filing entities will most likely merit a grant of delay by the FCC.

Broadband (BRB)

The BRB Working Group co-leader attended the 802 meetings in Anaheim, California, May 10-14, 2004, where he obtained full voting privileges in both 802.11 and 802.18, and was also appointed as the official liaison between the SDRF Spectrum Sharing Working Group (and other groups as relevant) and IEEE 802.18. Several discussions with industry representatives were held to gather a market and industry perspective on many issues related to NPSTC's position on the availability of certain 4.9 GHz technologies. In particular, NPSTC is developing a relationship with the WiFi Alliance that may prove beneficial to convincing the FCC to approve NPSTC's pending Petition for Reconsideration on the 4.9 GHz Docket (00-32).

The Working Group discussed public safety requirements and security needs with NTru, DSRC's Security Consultant and solicited comment on NTru's Security Reports from the NPSTC Security Working Group under the Technology Committee.

The Working Group drafted verbiage for NPSTC's changes to the Part 90 Rules pertaining to 4.9 GHz Operation, which was to be reviewed with Motorola, and then filed as an ex parte with the FCC. It is expected that this filing will also request that the Commission stay their decision requiring RPCs to have their 4.9 GHz plans filed with the FCC by July 2004. For additional support, the NSO has provided a template for individual regions to file on both of these issues with the FCC³.

On July 1, the BRB co-leads joined the Broadband Industry Coalition for a joint meeting with the FCC on the 4.9 GHz mask issue. This was followed by an additional joint ex parte filing on July 14. The proposal asks the Commission to issue an order allowing the utilization of the DSRC-A/IEEE 802.11a/j mask at power levels of 20 dBm and below, and to postpone Commission action on requirements at higher power levels until further studies have been completed. In order to facilitate these further studies, it was requested that the Commission authorize experimental licenses so that the effects of the masks at higher power levels could be examined and/or verified. The Working Group will continue to work with the Industry Coalition in attempting to resolve the 4.9 GHz Petition for Reconsideration.

The Working Group, with the Software Defined Radio Working Group, will develop a response to the FCC actions on the continuation of the FCC's 04-136/02-380 Docket on Unlicensed Sharing in the TV Bands and will also coordinate with the SDRF Spectrum Sharing/Cognitive Working Group, the NPSTC 700 MHz Advocacy Working Group (on TV Interference and Sharing), the RABC Joint Broadcast/Public Safety Working Group (on TV Interference and Sharing), as well as the IEEE 802.18 TV Sharing Study Group, soon to be the IEEE 802.22 Working Group.
TIA TR-8 (TIA)

³ "Region XX Support Letter on 4.9 GHz June 2004.doc"

The Working Group continues to liaise with the new Broadband Working Group and to follow the activities of most of the other TR-8 committees. During the quarter, the Working Group reviewed a new version of TSB-88(B) out for ballot that provides much-needed improvement over TSB-88(A).

A report from the June TIA meetings included the following highlights with ramifications for NPSTC:

- ✓ Motorola provided an SoR-supporting presentation regarding the use of 802.11 in this band.
- ✓ MA/COM disagreed with the arbitrary understanding that 802.11 would be the protocol of use in the band and suggested 802.16e.
- ✓ The next major action is to decide use cases for the band, which will determine the protocol used. NPSTC will focus on developing use cases that are consistent with how NPSTC would like the band to be used. The protocol will develop from the use cases.

International Telecommunications Union (ITU)

The Spectrum Management Committee Chair has been working with the ITU Working Group to define its scope.

700 MHz Outreach (700)

The 700 Working Group generated a comprehensive plan for activities and actions that includes the following.

- ✓ 700 MHz TV clearing.
- ✓ Short-spacing LM-TV Access Spectrum, Aloha Partners and public safety opportunities.
- ✓ TV Channels 60-69 Licensing (LPTV).
- ✓ Wideband Standard @ 700 MHz.
- ✓ Wideband Reserve-Determine needs-State use of reserve channels.
- ✓ 700 MHz 12.5-6.25 KHz Reconsideration Petitions.
- ✓ Conformance of 700 MHz ID rules with those of 800 MHz.
- ✓ Clarification of Fixed Operation Status at 700 MHz.
- ✓ Fallback when 800 MHz RPC Convener does not pursue 700 MHz plan.

During this quarter, there were discussions regarding collaboration on TV sharing and interference analyses within the 700 MHz band. New York State's Filing on 03-15 was reviewed. This work will coordinate with the NPSTC Broadband Working Group, the RABC Joint Broadcast/Public Safety Working Group, as well as the IEEE 802.18 TV Sharing Study Group/802.22 Working Group. There may also be some coordination with the Software Defined Radio Working Group, though their liaison with the SDRF Spectrum Sharing Working Group.

This Working Group will follow up on and react to the FCC actions on the continuation of the 02-380 Docket on Unlicensed Sharing in the TV Bands, perhaps in conjunction with IEEE 802, SDRF, and APCO.

The 6.25 KHz Migration issues generated much discussion during this quarter. Also during the quarter, the Working Group drafted a letter of support for NPSTC to file on the Access Spectrum waiver, which was reviewed by the NPSTC Committee Chairs, and modified.

Border Issues (BIS)

Working Group members joined the Radio Advisory Board of Canada (RABC) within the Joint Broadcast and Public Safety Working Group and participated in a meeting July 8 in Ottawa. Attendees included the Royal

Canadian Mounted Police (RCMP), Industry Canada (IC), New York State Office for Technology – Statewide Wireless Network (NYS-SWN), Canadian Association of Broadcasters (CAB), and RABC. This group is working with Industry Canada to develop the TV band sharing and interference protection rules for public safety and broadcast services.

The meeting included the review of several reports on TV-DTV/LMR interference effects and short spacing, including submissions from New York State, the CAB, and the Canadian Research Centre (CRC). The group also reviewed IC current plans for the 700 MHz allocation, as well as the input received to date from Canadian public safety. Most seem to follow the work and recommendations of FCC Docket 96-86 and NCC.

Technology Committee

The NPSTC Technology Committee currently oversees the activities of the following Working Groups:

- NCC Recommendations (NCC)
- Narrowbanding Below 512 MHz (NRB)
- ARS and Broadband Over Powerline Technology (ARS)
- Security (SCR).

The NPSTC Governing Board approved a proposal by the NSO to create a new Working Group dealing with Wideband Deployments. A draft scope and mission statement will be developed. The Committee is also working on the scope and focus of a proposed Paging Technologies Working Group. After review by Committee Chairs, the information will be presented to the Governing Board for formal approval at the September 2004 NPSTC meetings.

NCC Recommendations (NCC)

The FCC has not yet released its Final Report with NCC recommendations although FCC representatives indicate that this is an active item at the Commission.

The 700 MHz Working Group formally passed responsibility to the NCC Working Group for generating a brief statement to the FCC urging them to take action on the Wideband Interoperability Technology recommendations of the NCC because FCC delay is affecting equipment availability and deployment.

Narrowbanding Below 512 MHz (NRB)

Working Group discussions have centered around pilot implementations of VHF Narrowband deployments, utilization of rail VHF spectrum for augmentation, and enhancing relationships with NTIA to address these and other narrowbanding issues.

During the quarter, ICOM filed a Petition for Rulemaking, requesting Additional Public Safety Spectrum at VHF (150 and 153-154 MHz). These additional channels—18 paired channels from CFR 47 Part 22.561 and 4 unpaired channels from CFR 47 part 22.531—may facilitate some of the band management and “repacking” operations that are necessary to free additional spectrum, assist in narrowbanding transitions, organize the VHF for trunking support, and lessen the effects of interference within the band. The NSO has discussed this issue with the Working Group lead and will provide significant assistance in generating a response to any FCC-issued docket and performing analyses to reach conclusions about the impact and opportunities afforded by the clearing of additional VHF spectrum under ICOM’s Petition for Rulemaking.

ARS and Broadband Over Powerline Technology (ARS)

The NSO has not been yet been involved with the activities of this Working Group; however, the FCC has decided to continue with an NPRM (Notice of Proposed Rulemaking) on BPL (Docket 04-29), with the initial Comments due May 3, and Reply Comments due June 3. APCO and NPSTC have filed joint Comments on the

BPL NPRM (Docket 04-29). Reply Comments will not be filed by NPSTC; instead NPSTC will review the Reply Comments and consider an ex parte filing if necessary.

Security (SCR)

In addition to the review by the Broadband Working Group, this Working Group also reviewed the public safety requirements and security needs with DSRC's Security Consultants and will critical be in providing security insight to the DSRC/IEEE-WAVE (IEEE-1556).

Working Group representatives attended the Global Justice Information Sharing Initiative (Global) Security Working Group (Working Group), under DOJ's Office of Justice Programs (OJP). Global's website, reports that the Working Group *"pursues security measures necessary for today's enhanced information sharing abilities. Of particular importance is determining effective security standards for legacy networks/systems, as well as the new and enhanced networks and systems to which they are joined."* A prominent product of the Working Group is Applying Security Practices to Justice Information Sharing CD, Version 2.0.

"This CD was developed to educate justice executives and managers on good, basic, foundational security practices that they can deploy within their enterprise and between multiple enterprises. It includes background information, overviews of best practices, guidelines for secure information sharing, and fifteen identified security disciplines that span the important elements of an information security architecture. Developed as a reference tool for justice practitioners, it is neither intended as an in-depth security solution, nor as a detailed technical reference for system."

NPSTC may want to distribute the guidelines that were developed under this program.

Interoperability Committee

The NPSTC Interoperability Committee currently oversees the activities of the following Working Groups:

- State Interoperability Executive Committee (SIEC)
- Project MESA (MESA)
- Software Defined Radio (SDR)
- Outreach (OUT)
- System Interconnect (ICT)

The Interoperability Committee Chair and other NPSTC members have been invited to participate in DHS's RapidCom initiative, which will assess the preparedness of public safety interoperability in many large cities throughout the Nation.

State Interoperability Executive Committee (SIEC)

The Working Group is examining SIEC training issues, as well as leveraging CAPRAD capabilities to enhance SIEC operations, although no training requests have been received at this point. The actual SIEC module will roll out this fall; therefore training would be more appropriate at that point. CAPRAD administrator is seeking funding to generate a State Channel pool that can be loaded into CAPRAD to use as an optional SIEC template.

The Working Group discussed and approved an NCC recommendation for a change in terminology from *"State Interoperability Executive Committee"* to *"Statewide Interoperability Executive Committee"*. The Working Group is also looking at the use of SIECs to establish grant criteria.

Project MESA (MESA)

Together, this Working Group and MESA are working to align the MESA SoR and the SAFECOM SoR, primarily by eliminating colloquial United States expressions and language that are not relevant to the international public safety community.

Software Defined Radio (SDR)

The Working Group has worked to define NPSTC's positions on the Cognitive Radio Docket and moved these positions through the writing group process, for filing to the FCC.

Working group members have led in the creation of a Public Safety Special Interest Group (PSIG) within the SDRF that will help focus Forum and NPSTC resources. The SDR working group holds bi-weekly teleconferences focusing on PSIG activities that include issues and opportunities related to the use of DoD's JTRS [Joint Tactical Radio System] technology and its associated SCA [Software Communications Architecture], and SDR implementations that meet the SAFECOM SoR, offer advances in public safety's spectrum efficiency/utilization, and break down barriers to interoperability.

A Working Group member was named vice chair of the Spectrum Efficiency and Cognitive Radio Working Group of the SDRF, a group that focuses on the approaches and effectiveness of Cognitive and Spectrum Sharing technologies. It will identify these approaches and assess their effectiveness against an array of incumbent user profiles (e.g., TV operations, Commercial Mobile Radio Service (CMRS) operations, etc.). The assessment will be performed using both simulation and testbed validation techniques. This activity will result in the generation of a report that presents all of the results and which will be filed by the SDRF later this year with regards to all open Spectrum Sharing and Cognitive Radio Dockets.

During the quarter, the Spectrum Efficiency and Cognitive Radio Working Group of the SDRF examined the possibility of monitoring spectrum usage before, during, and after the Republican National Conventions later this summer in New York City. NPSTC and other public safety organizations may become involved in this effort at some level. The SDR Chair provided the SDR Forum Spectrum Sharing and Cognitive Radio Working Group with a white paper soliciting involvement from SAFECOM in the Republican National Convention or other spectrum utilization monitoring activities.

SDR is working with the Broadband Working Group to track and respond to the FCC Actions on the continuation of the FCC's 04-136/02-380 Docket on Unlicensed Sharing in the TV Bands. The NSP will also work with the Working Group lead to initiate analyses on Cognitive Radio techniques to stimulate additional forward progress in the Software Defined Radio Working Group, as well as to support public's safety's position on Interference Protection in the Comments on FCC Docket 04-186/02-380, the Sharing of TV Spectrum with Unlicensed devices.

System Interconnect (ICT)

The Working Group focus during the quarter was on the development of a white paper on licensing issues for transmitters associated with gateways, as well as other ACU-1000 licensing issues.

Concluding Remarks

Over the next quarter, the NSO will provide an increased role in the facilitation and execution of Committee activities, which will include building momentum and focus of some Working Groups until they become self sustaining. The NSO will provide the Governing Board with draft suggestions for revisions to the NPSTC charter, the NPSTC Handbook, and a proposed outreach plan.

NPSTC Committees will focus their efforts on several important FCC Dockets expected to be addressed in the third quarter.

- 02-55 FCC Order on 800 MHz Rebanding
- 04-136 Unlicensed Operation in the TV Broadcast Bands
- ICOM Petition for Rulemaking—Additional Public Safety Spectrum at VHF

The Governing Board will hold its quarterly meeting in Baltimore, Maryland, on September 21 and 22, 2004.

National Public Safety Telecommunications Council

