



NRSC Leadership Readout

December 7, 2011

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Topics for Discussion

- 2011 Initiatives & Accomplishments
- 2012 Meeting Schedule



2011 Initiatives & Accomplishments

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2011 Initiatives & Accomplishments

Best Practice Subcommittee

- Partnered with the FCC to review the modified and new Best Practices ratified by the Communications, Security, Reliability, and Interoperability Council (CSRIC) to:
 - Identify duplication and/or overlap within the existing Network Reliability Interoperability Council (NRIC) Best Practices (BPs)
 - Ensure each BP has a subject title and/or tagline,
 - Identify applicable and new keywords,
 - Evaluate the BPs for additional ways to group them and/or make them more user friendly.
 - Identified BPs that should be further reviewed and referred them to CSRIC III
- ATIS NRSC BP Website <http://www.atis.org/bestpractices/Default.aspx> put online with enhanced features.
- Updated the BP Tutorial and presented to CSRIC Working Group Leaders and select teams.



2011 Initiatives & Accomplishments

Outage Reporting Advisory Subcommittee (ORAS)

- Issue 009 - Review of Disaster Information Reporting System (DIRS) User Manual and general use of DIRS
- Issue 011 - Review of Network Outage Reporting System (NORS) User Manual and General Use of NORS
- Issue 013 - California Public Utilities Commission petition for direct access to the Federal Communications Commission's Network Outage Reporting System database.
- Issue 015 – Review of Disaster Information Reporting System (DIRS) – Lite (June 2011)
- Recommended changes to FCC on NORS Cause Codes (June 2011)
- Provided feedback to FCC on recent DIRS-Lite activations (July 2011)
- ORAS Leadership Elections – 2 Year Term
- Reviewed and updated the DIRS-Lite SOP and is developing DIRS User Guidelines



2011 Initiatives & Accomplishments

E911

- The 911 team, with statistical analysis support from Telcordia, was re-activated to study NRSC member reported 911 outages.
 - Determined that NRSC member companies were not the cause of the increase reported by the FCC
 - Trended NRSC member data and over a period of several months to validate findings

CAMA Trunk

- The NRSC was asked by the FCC on May 4, 2011, to review the situation where certain 9-1-1 Selective Router platforms can remove 9-1-1 PSAP trunks from service during periods of heavy emergency call volume.
 - Held 21 subject matter expert and technical writing sessions May to August 2011
 - Created new ATIS-0100034 Standard *"NRSC CAMA Trunk Throughput Optimization Analysis"*
 - New Standard available to industry at no cost through the ATIS Document Center
- ATIS CAMA Trunk Webinar on November 3, 2011



2011 Initiatives & Accomplishments

Mass and Targeted Call Overload

- The industry is concerned that the number of mass and targeted call overloads that adversely impact service provider's networks may be increasing at a statistically significant rate.
 - NRSC developed data collection templates and collected historical data
 - NRSC leadership met with Next Generation Interconnection Interoperability Forum (NGIIF) leadership to discuss related NGIIF issue
 - Determined that NGIIF would incorporate the NRSC templates and data in their issue and report
 - NGIIF to coordinate draft report review with the NRSC

ACUTA

- Partnered with Association for Information Communications Technology Professionals in Higher Education (ACUTA) to update the NRSC and ACUTA Hurricane Checklists.



2011 Initiatives & Accomplishments

NRSC Comments Filed & FCC Meeting

- 2010 Biennial Review of Regulations Administered by the Public Safety and Homeland Security Bureau
- Modernizing the FCC Form 477 Data Program
- NORS Point of Discovery drop down boxes
- FCC-11-55A1 Resiliency and Reliability & ExParte
- FCC-11-74A1 NPRM Extension of Part 4 rules to broadband/IP outage reporting

NRSC CSRIC II & III Participation

- WG2A – Cyber Security Best Practices, WG4A - Best Practices for Reliable 9-1-1 and E9-1-1, WG4C - Technical Options for E9-1-1 Location Accuracy, WG6 – Best Practice Implementation, WG7 - Pandemic Planning - Priority Service Requirements
- WG2 – Next Generation Alerting, WG4 – Network Security Best Practices, WG8 – E911 Best Practices



2011 - 2012 Ongoing Activity

- FCC Recommended Studies
 - Wireless Outages
 - Large 1350 DS3 Outages
 - Procedural Service Provider
- Proposed DIRS Expansion to include Broadband, VoIP & Video
- Monitor & Respond to FCC NOIs, NPRMs, PNs, Orders
 - Cyber Security Information Reporting System (CIRS)
 - Cyber Security Roadmap
 - FCC-11-55A1 Resiliency and Reliability
 - NPRM FCC-11-74A1 Extension of Part 4 Rules to Broadband/IP outages
- CSRIC III participation
- Monitor state outage reporting issues, including CA PUC Request to Access NORS
- Partnership opportunities with ATIS NGIIF, ATIS Performance, Reliability and Quality of Service Committee (PRQC)

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2012 Meeting Schedule

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2012 NRSC Face-to-Face Meetings

- Thursday, February 23rd - Virtual (10:00 a.m. – 12:00 p.m. ET)
- April 16th to 20th – AMOC in Bellevue, WA
- Wednesday, August 1st
- Wednesday, December 12th