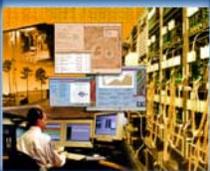


# Delaware 800MHz Emergency Communications System

## Next Generation



# Welcome!



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## This Meeting:

### Goals:

- Provide Specification Overview
- Distribute Specification and Guide files on CD-ROM
- Rehoboth Update



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## This Meeting:

### Agenda:

- Welcome
- Rehoboth Update
- Specification Overview
- Review, response format
- Summary and Next Meeting

Greg Patterson  
Bryant Baker  
Bryant Baker,  
Jeff Martin,  
Richard Reynolds  
Bryant Baker  
Greg Patterson



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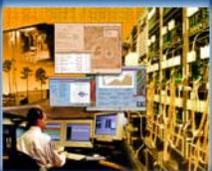
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## Rehoboth Project Status:

- Contract Design Review completed;
- Motorola proceeding with materiel purchase and engineering;
- City/State proceeding with FCC processes and tower lease revisions
- Coverage testing planned with fire and police.



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## RFP Format

- Main body of RFP is standard boilerplate, bidder instructions, etc.
- Specification is Appendix A;
- Subsequent appendices include photographs, as-built drawings, site data, etc.
- Recall this solicitation is to establish the required budget for the next 3 to 4 years, however “budgetary” is not used



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## RFP Status

### Work in Progress:

- 98% of technical content is in there. Under development (awaiting comments):
  - OC-3 loops/OC-12 spurs
  - Final Wilmington configuration
  - Regional interoperability assumptions
- The format of Appendix A is not unlike what the wireless industry has responded to previously
- Ongoing work:
  - Post-RFP activity dates ( pre-bid, site visits, Q/A deadlines)
  - Evaluation criteria



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## Requirements-to-Specification

- Excel spreadsheet maps major requirement areas to specification paragraphs...
- Specification Highlights:
  - Building Categorization
  - Coverage Maps with Building Overlays
  - NCC and DelDOT Considerations



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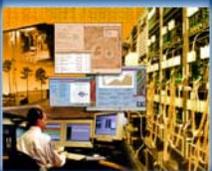
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## Building Categorization

- Found in Spec Section 10.1
- Cat 1:
  - High, life-safety risk
  - Occupants could develop complications
  - High population density
  - Central government controls
  - Hazardous to emergency personnel
  - Primary buildings for tower site selection



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## Building Categorization

- **Cat 2:**
  - Hotels/Motels
  - Apartment Complexes
  - Malls, large shopping centers
  - Secondary tower site selection; primary candidates for BDAs, VRSs
- **Cat 3:**
  - Strip shopping centers
  - “Big box” stores
  - Restaurants
  - Funeral Homes
  - Prisons
  - Close proximity to Cat 1 buildings



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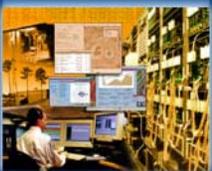
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## Building Categorization

- **Cat 4:**
  - Residential single-family dwellings
  - Predictive analysis coverage testing
- Required buildings indexed, categorized in Appendix III (of RFP Appendix A)
- RF Coverage Plots in Appendix I
- Overlay of building locations on easel



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## NCC and Del DOT considerations

- **Microwave/Fiber Backbone**
  - New sites included in the specification
  - Backbone bandwidth budget assumed for DelDOT, NCC requirements
  - OC-3 rings with OC-12 backbone design
- **In consideration for future equipment:**
  - Spare shelter space
  - Tower spacing
  - HVAC capacity
  - Generator/UPS capacity



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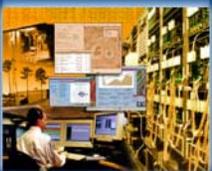
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## Reviewing Requirements

- Due Date/Time: 2/5 at 5pm to [bryant.baker@state.de.us](mailto:bryant.baker@state.de.us);
- Required information:
  - Add paragraph number or page number to reference for comment
  - General comments also welcomed
  - Suggest how to incorporate your comment into the specification
- Conflicting comments: will resolve via email or phone, but cannot do after 5pm on 2/5...
- Limited distribution. **DO NOT** distribute outside of this Committee without prior approval from the Governor's Office.



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## Summary

Next Meeting: Thursday, March 4th, 2004.  
Time/Place to be announced. Thank you!

