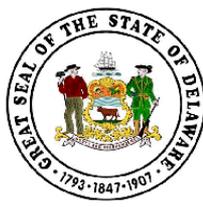


# Delaware 800MHz Emergency Communications System

## Next Generation



# Welcome!



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# Delaware 800MHz Emergency Communications System

## Next Generation



## This Meeting:

### Goals:

- In-Building Testing, BDA Status and Issues
- Microwave Status
- Rebanding Update

*Date: 12-16-2008*



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# Delaware 800MHz Emergency Communications System

## Next Generation



## This Meeting:

### Agenda:

- Overall project status Bryant Baker
- Project funding report Mike Matthews
- Rebanding Status Larry Artman
- Project Status Len Dornberger,  
Gary Somma
- Summary and Next Meeting Terry Pepper



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## Next Generation



## Project Status

Overall – Program within budget but no longer on-time – project completion by 06/09, earliest:

- Stage 1 completion short list
  - IR Site in-building coverage testing - COW
  - VRS Testing being scheduled
- Stage 2 completion short list:
  - Microwave System – indications are this system completion may stretch to the end of '09...
- Stage 3 completion short list
  - Microwave System...



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## Project Status – Funding

- **Budgeted to date: \$65.0M**

Includes FY05 – FY09 Appropriations

- **Contingency: \$6.3 M**

Comprises Actual Appropriations to date less  
Actual Expenditures and Commitments  
through FY09

As of December 16, 2008



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# Delaware 800MHz Emergency Communications System

## Next Generation



## Project Status

### Hot Topics:

- Logging Recorders
  - Exacom CO being produced by Motorola
- Kent County Acceptance
  - Microwave paths redesign essentially completed
- Rebanding
  - Sprint and the Change Order
- In-Building Coverage
  - Progress made in NCC; Beebe investigation still underway



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## Next Generation



## Rebanding-

### Planning Phase Overview

- Upcoming 'Data Calls' to Support the Planning Process
- New Work In PFA Change Order #03



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Next Generation

# Rebanding-

## Upcoming 'Data Calls' to Support the Planning Process

### Utilize Agency-level 'Rebanding Coordinators':

- Responsible to Assist In the Update of all Agency Radio Records / Agency Agreements:
  - Agency Inventory Records (By Serial Number)
  - MOU Admin Processing w/ Leadership Team
  - Event Calendar Planning & Scheduling (Fall 2009)
- Responsible to Coordinate Agency Rebanding Readiness:
  - Rebanding Event Schedules with Chain of Command / Dispatchers / County-level Reporting ('Downtime')
  - Plan w/ Dispatch- Each Radio by Date & Time Slot



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# Rebanding-

## Upcoming 'Data Calls' to Support the Planning Process

### RF Control Stations

Confirm RF Control Station Locations (DEC 2008) - 'Brick & Mortar' Information:

- Full Street Address / Radio Room Location ID
- Radio Make & Model / Serial Number
- See 'Agency/ RF Control Station Affiliation' Matrix Handout, and the DRAFT Agency-specific Lists
- **Mail-out: Week of 01 DEC 08**
  - **DNREC, DELDOT, DRBA, Corrections**



# Delaware 800MHz Emergency Communications System

## Next Generation



## Rebanding-

### Upcoming 'Data Calls' to Support the Planning Process

#### Host Locations

Identify Candidate Agency 'Host' Locations (JAN 2009):

- 'Agency-only Host Locations' (i.e., DNREC Park HQ's)
- 'Regional Hosting Locations' (i.e., DELDOT Yards / Selected Corrections Maintenance Shops)
- 'Municipal Hosting Locations' (VFD's /w/ select Municipal Maintenance Yards, as needed)



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# Delaware 800MHz Emergency Communications System

## Next Generation



## Rebanding-

### Upcoming 'Data Calls' to Support the Planning Process

#### MOU Establishment

- Establish 800 MHz Rebanding Agency MOU
  - FEB 2009 for State & County Agencies;
  - MAR 2009 for VFD's, Police
- Locks-in All Agency 'Anchor', 'Host' Locations and Support Requirements for All Players



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## Next Generation



## Rebanding

### Recent Progress:

- Ongoing CO #03 Calls with Sprint Nextel:
  - Pacing Item: Sprint Nextel's Apparent Lack of Internal Negotiation Team Depth & Support (MAR-DEC 08)
  - Final COR #03 Submittal: 13 NOV 08
- Next Steps:
  - Execute PFA CO #03 with Sprint Nextel:
    - VRS Testing (Factory & Field) for 'Comparable Facilities'
    - Records Management- Develop Work Order & MOU
  - Generate State's FRA Cost Estimate
  - Negotiate FRA Contract with Sprint-Nextel



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## Next Generation

# Rebanding Planning Phase:



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<u>Task</u>	<u>Duration</u>	<u>KEY Date</u>
Motorola Planning Phase Engineering Tasks: Complete the Interop/ITAC/VRS/Cutover Planning Effort	12 Months (Goal: 5.5)	28 MAR 08 (Goal: 04 SEP 07)
VRS Testing Complete (Factory and Field Tests) via PFA CO # 03	1 Month	05 MAR 09
SOD FRA Cost Estimation Preparation Complete	1 Month	14 APR 09
Complete SOD FRA Agreement Negotiations (TA Metric: 60 Days = 30 + 20 + 10 Days)	2 Month	16 JUL 09
Complete Implementation Phase Kick-Off Meeting (FRA + 45 Days)	1 Day	01 SEP 09
Begin Subscriber Radio Rebanding Effort	220 Bus. Days	Start: 05 FEB 2010



## Next Generation

# Project Status

## Logging Recorders

- Motorola
  - We've requested a change order to allow acquiring the EXACOM system via Motorola's contract
  - Change order to credit remaining NICE sites to be issued (\$955K)
  - We've requested an addition \$900K credit in exchange for contract concessions
- EXACOM
  - Installation planning meeting conducted 12/16
  - Site visits being scheduled to detail statement of work



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# Delaware 800MHz Emergency Communications System

## Next Generation



## Project Status

### In-Building Coverage Treatment

- Caesar Rodney HS – Task Order #001
  - Site walk conducted on 12/11
  - Detail design under review
  - MOU with school district being developed
  - Work should start next month



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Next Generation

# Project Status

## Coverage Testing

Sussex testing is now complete. Beebe

Hospital 3<sup>rd</sup> VRS test results:

- Successful if VRS unit is located at 3<sup>rd</sup> test spot;
- EMS community not satisfied with coverage.
  - Interference reports to be investigated by RCC
  - Until we understand the interference, we recommend waiting on addressing the other issues
    - Interference impact on VRS/BDA, don't want it to worsen
    - Paging system issues will not be addressed by 800MHz project team

NCC In-building testing is complete



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# Project Status

## Coverage Testing, con't

NCC In-building testing is complete

- IR Site testing was successful with 4 schools, leaving 29 to be tested with VRS units
- VRS testing not yet scheduled



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Next Generation

# Project Status

## Consoles and 3.0Z Upgrade

New console installation.

- All CEBs have been installed and configured
- All consoles have been installed, except
  - RECOM - fold down location still undetermined
  - SHOC and DTC Wilmington equipment to be moved



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# Delaware 800MHz Emergency Communications System

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## Project Status

### Consoles and 3.0Z Upgrade

- CO-099 Operator Training
  - Train the Trainer will be conducted for 12 trainers throughout the State
  - PM cost issues not yet adequately explained by Motorola



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# Delaware 800MHz Emergency Communications System

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## Summary

Next Meeting : Thursday, January 15th -  
Room 112, Tatnall at 2 pm.

Thanks!



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