

# Delaware 800MHz Emergency Communications System

## Next Generation



# Welcome!



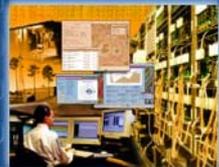
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## This Meeting:

### Goals:

- Status of Projects/Sites
- Logging Recorder System
- 3.0Z Upgrade Status
- Rebanding Update

*Date: 3-20-2008*



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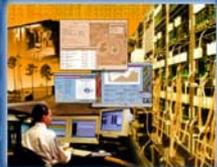
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## This Meeting:

### Agenda:

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



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## Project Status

Overall – Program within budget, on time – project completion by 12/08.

- Stage 1 schedule now shows completion Spring 08
  - System operational in “test mode”
- Stage 2 completion short list:
  - Microwave System
- Stage 3 completion Spring 08
  - full foliage coverage testing
  - System operational in “test mode”



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## Project Status – Funding

- **Budgeted to date: \$60.5M**

Includes FY05 – FY08 Appropriations

- **Contingency: \$2.7 M**

Comprises Actual Appropriations to date less Actual Expenditures and Commitments through FY08

As of March 17, 2008



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## Project Status

### Hot Topics:

- 3.0Z Upgrade
  - First round of updates completed
- Logging Recorders
  - Mr. Dornberger to address
- Kent County Acceptance
  - System-wide microwave issues preventing...
- Sussex County Testing
  - Preparations for coverage testing underway



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## Project Status

### Carvel

- Site is On Air in test mode as of 9/5
- Cable Tray covers on Carvel Rooftop have been installed

### Christiana Towers

- Site is On Air in test mode
- No response from UD to our request to justify their landscaping plan, as yet
- Fence foundation has been rebuilt and fence re-installed.



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# Project Status

## North Talleyville

- Site is on-air in test-mode
- Documentation for transfer of ownership to Clear Channel is complete.

## Hockessin

- MNI has recommended the microwave antenna to Bissel Hospital be lowered
- They also might recommend a diversity dish be installed
- Fixes are still under consideration



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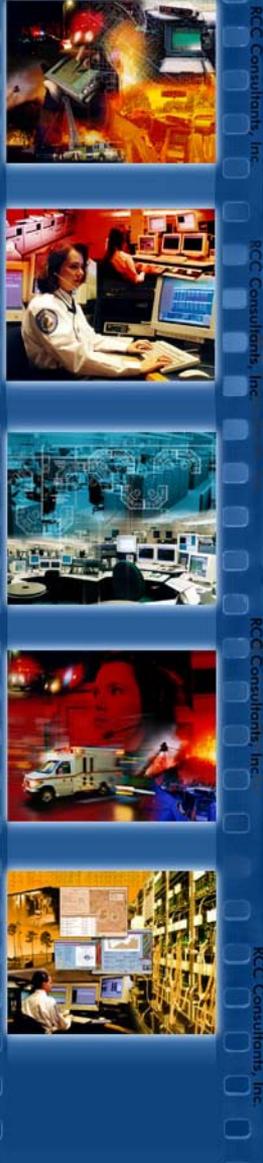


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# Project Status

## SUSCOM

- Cutover on schedule for April 2nd
  - Console equipment ATP - completed
  - NICE equipment ATP - completed
  - Console and NICE training - completed
  - R-56 remediation - completed
- Tower upgrade within next few weeks
- CO-091 - \$250K credit as a result of 3.0Z Upgrade
  - Seeking committee approval



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## Project Status

### Lewes

- On the air in test mode
- MOA amendment for RACES approved

### Woodside

- American Tower seeking payment of \$60K for tower upgrade – turned over to AG's Office



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## Project Status

### Logging Recorders

- Problems continue to plague the system
- Motorola informed we may “pull the plug” and that they may need to find another solution
- Next site is KentCom scheduled for May installation
- SUSCOM change order still not signed



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## Project Status

### In-Building Coverage Treatment

- DTI to issue RFP with intent to have a number of capable vendors. RCC assisting.
- Conducted site-walk of Caesar Rodney HS with school district rep and local fire chief
- Where will the money come from? The contingency fund.



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## Project Status

### Consoles and 3.0Z Upgrade

- Master Zone Controller upgraded at the Smyrna-Knotts site
- Upgrades at Pike Creek, Winterthur completed on 3/18/08 – sites out for about 2 hours
- Sussex County Radio Shop site will be down for ~ 2 days as upgrades are performed on a channel by channel basis – should not impact users
- No system wide outages are planned



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## Project Status

### Consoles and 3.0Z Upgrade (cont)

- Console upgrades are underway
- Newark PD upgrade is in doubt - their budget may not be adequate to provide T1 for connectivity to state system
- Training for dispatchers to utilize new system has been conducted at RECOM, KentCOM, and SUSCOM



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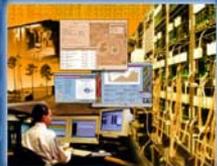
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## Rebanding

- **Recent Progress:**
  - **Interoperability Planning / Template Planning / Agency-level Rebanding Records Management-**
    - Negotiations with Motorola Now 95% Complete on the Subscriber Rebanding Process
      - Pre- & Post- Radio Function Checks
      - Old & New Codeplug File Archive
      - 100% Codeplug File Review of the Rebanding Frequency Table
      - ARMS DB will be the Source of Asset / Records Management for State, Motorola, and MSS's



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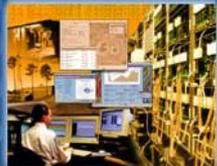
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## Rebanding

- Recent Progress (con't):
  - VRS:
    - RCC has successfully identified a 'VRS Blackout Period' that has a solution:
      - 'Blackout Period': Sussex County FNS Site Rebanding Period (Approx. 10 Days) + VRS Unit Swap-out Period
      - Two Alternative Solutions are being evaluated:
        - Temporary 700 MHz VRS Units (124) + Temporary 700 MHz Portables (Approx. 5,500) + VRS '2<sup>nd</sup> Touch' (via Permanent 800 MHz VRS Units) + Revert to Existing 800 MHz Portables
        - Permanent 700 MHz VRS Units (124) + Permanent 700 MHz Portables (Approx. 5,500)



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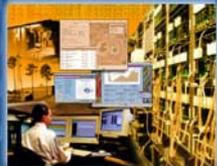
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## Rebanding

- Recent Progress (con't):
  - 20 MAR 08 Meeting with Sprint Nextel PM-  
Readout of Discussion Points
  - Next Steps:
    - Finalize Motorola SOW and T's & C's Review
    - Generate SOD FRA Cost Estimate
    - Generate Subcontract SOW's



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## Rebanding

### Recent FCC Findings / Announcements:

- **14 MAR 08: PFA Waiver Request Submitted to FCC for Planning Phase Extension (Period: 18 MAR 08- 28 APR 08)**
- **14 MAR 08: FRA Interim Waiver Request Submitted to FCC for 26 JUN 08 FRA Completion Date Extension (FRA Negotiations Complete: 28 MAY 08)**



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# Rebanding Planning Phase:

<u>Task</u>	<u>Duration</u>	<u>End 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)
SOD FRA Cost Estimation Preparation	1 Month	28 APR 08
Complete SOD FRA Agreement Negotiations	1 Month	28 MAY 08
Complete Implementation Phase Kick-Off Meeting	1 Day	28 JUN 08



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## Summary

Next Meeting : Tuesday, April 15th -  
Room 112, Tatnall at 2 pm.

Thanks!



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