

# Delaware 800MHz Emergency Communications System

## Next Generation



# Welcome!



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## This Meeting:

### Goals:

- Status of Projects/Sites
- COs requesting approvals
- Rebanding Update

*Date: 7-12-2007*

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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,  
Tracye Berry
- 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 shows completion late Fall 07 (not including in-building coverage testing)
- Stage 2 schedule indicates completion August 07
- Stage 3 completion Spring 08 – full foliage coverage testing
- “Long pole” sites:
  - Bethany
  - Christiana Towers
- Major Construction Events scheduled:



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## Project Status, con't.

Source: Motorola PSR 7-8-07

Bridgeville SCRS	Offload, Install shelter, generator	16-Jul-07
Williamsville	Stack Tower	27-Jul-07
UD Christiana Twrs	Offload, Install shelter, generator	27-Jul-07
Williamsville	Offload, Install shelter, generator	2-Aug-07
Georgetown SBA	Offload, Install shelter, generator	21-Aug-07
Lewes	Offload, Install shelter, generator	23-Aug-07
Lewes	Stack Tower	29-Aug-07
Bethany	Stack Tower	12-Sept-07
Bethany	Offload, Install shelter, generator	30-Oct-07



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## Project Status – Funding

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

Includes FY05 – FY08 Appropriations

- **Contingency: \$2.6 M**

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

As of July 9, 2007



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## Project Status

### Carvel

- Temporary T-1 Line to Rodney has been installed to maintain link while hop is re-routed through Talley Highway yard
- CO-064 for Cable Trays on Carvel Rooftop to be amended due to shortened run.

### Christiana Towers

- All site work that can be completed without the shelter has been done.
- Shelter delivery now scheduled for 27 July



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## Project Status

### North Talleyville

- Site restoration nearly complete
- Tower lighting problem has been resolved
- Site is on-air in test-mode

### Harrington

- UPS Load Bank testing re-done. Liebert still working problem of power module failures
- Site is on-air in test-mode



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## Project Status

### Lake Forest

- Dish aligned for Harrington hop.

### Sussex County Radio Shop

- Tower has been stacked and lighted
- Shelter and generator installed
- Commercial power next week
- Site available for testing in November

### DelDOT Microwave System

- No change. Still waiting for FY08 funding via DelDOT



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## Project Status

### Hockessin

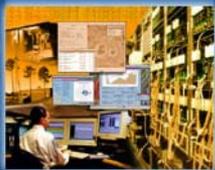
- Tower instrumented tomorrow

### DelDOT Sign Shop

- Motorola/MNI to move mux to KentCOM on/about July 30th, exact date TBA
- Work remains to terminate the fiber into both the shelter and KentCOM

### 3.0Z

- Project now fully funded for this, however
- Rebanding implementation schedule under development



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## Project Status

### Williamsville

- Additional soil testing paid off, reduced value of CO by \$50K
- Motorola mobilizing

### Bethany

- Additional soil testing here also paid off, CO for Bethany still being reviewed.



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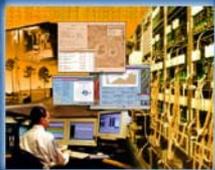
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## Project Status

### SUSCOM

- CO-069 for Logging Recorders
  - \$209,315 – still under review
  - “Not to Exceed” request approved last meeting
  - Approval of furniture order not expected until next month – Oct. 1 cutover unlikely



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## Project Status

### Lewes

- CO-061R1 – under review
- Additional soil test also paid off here; reduced value of CO by \$104K
- Motorola ready to go



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## Project Status

### ReCom

- Motorola & NICE training completed; end user training in progress
- NICE, NCC & DTI nailed down network firewall rules
- ATP scheduled for 7/12
- Cutover scheduled for 7/18
- CO-077 for additional work/rework to be reviewed with NCC and Remington Group
- Old RECOM demolition – Motorola & State to vacate by 8/31



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## Project Status

### Georgetown SBA

- RCC conducted Intermod study – results OK
- Lease amendment due to compound size error – approvals in process

### Wilmington Dispatch

- NICE installation in progress



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## Project Status

### Woodside

- Few punch list items remain
- Visual swaying of cellular antennas still being addressed

### Rehoboth Rt. 1

- CO-076R1 under review
- Motorola ready to go



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## Rebanding

- **Recent Progress:**
  - FNE IM Studies due back from Schaumburg, IL for State Evaluation by 08/01/07
  - FNE & Subscriber Radio Suitability Analysis Study is due by 08/01/07
  - Change Request (\$50K) now in progress w/ Sprint/Nextel for pre-kick off PM expenses
- **Next Steps-**
  - Sprint Nextel Contract Terms & Conditions boilerplate review by Legal
  - VRS Licenses locked in with FCC/ VRS frequency plan for Futurecom



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## Rebanding, con't.

### Recent FCC Findings: Washoe County, Nevada:

- Precedence for Inventory Management Software Cost Factors Justification
- Drive Testing for RF Coverage Requires Full Cost Justification
- PM Costs By All Licensees/Vendors Need Full Cost Justification



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### Recent FCC Findings:

- **Inventory Management & Tracking Software:** Per FCC, Washoe's use of MCM software is recoverable expense because sufficient justification was presented to support its claim.
  - Washoe's proposed combined cost of roughly \$82K is approx. 7.5% of total retuning costs & approx \$19.40 per radio (\$55K= Software | \$28K= Implementation fees)
  - SOD Plan: Utilize Excel w/ online Web Browser Interface
  - Hosted Off-site/Potential Vendor: Counter Point Technologies, LLC



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## Rebanding, con't.

### Recent FCC Findings:

- **Drive Testing:** Washoe requested \$38K for drive testing to verify the system's coverage before and after rebanding.
  - Washoe has not provided sufficient detail of its testing plan to allow for an evaluation of the reasonableness of the plan
  - Insufficient evidence of IM/TNRD Studies to verify amount sought to accomplish task
  - Washoe does not describe scope or methodology of its drive testing proposal or documentation to support cost

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## Rebanding, con't.

### Recent FCC Findings:

- **Project Management Costs:** ( FCC Cost Justification must detail SOD/Vendor work packages/costs)
  - Site Documentation Verification
  - Personality Inventory & Radio Check
  - Statewide Coordination
  - Identifying Personnel & Costs
  - Timeline Creation
  - Schedule & Activity Coordination/ Status Reporting
  - Radio Programming Schedule Development
  - SOD Presence during all Rebanding Events is funded
    - “2<sup>nd</sup> Touch” of Subscriber Radios is an FCC allowable cost





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# Rebanding Planning Phase:

<u>Task</u>	<u>Duration</u>	<u>End Date</u>
Motorola Planning Phase Engineering Tasks	6 Months (Goal: 5.5)	28-Sep-07 (Goal: 04 SEP 07)
SOD FRA Cost Estimation Preparation	1 Month	31-Oct-07
Complete SOD FRA Agreement Negotiations	1 Month	30-Nov-07

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## Summary

Next Meeting: Thursday, August 16th  
Room 112, Tatnall at 2 pm.  
Thank you!



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