



Wireless E-911 Services Board

General Business Meeting
November 9, 2005



Agenda

1. Call to Order
2. Approval of Minutes
3. Financial Report
4. CMRS Status Update
5. FY2005 True-Up Report Approval
6. Legislative Language
7. Old Business
8. New Business
9. Adjourn

Financial Report



Wireless E-911 Service Board September 2005 Financial Report

Item	Month	YTD	Appropriation
DPSC Expended	\$ 40,629.97	\$ 109,810.13	\$ 2,178,809.89
PSAP Funding	\$ 22,562.19	\$ 4,780,685.30	\$ 15,294,000.00
CMRS Funding	\$ 862,649.35	\$ 6,297,489.67	\$ 11,062,902.00
Fund Transfers	\$ -	\$ 3,825,000.00	\$ 4,825,000.00
Total Expenditures	\$ 925,841.51	\$ 15,012,985.10	\$ 33,360,711.89
Revenue	\$ 2,980,189.66	\$ 10,267,499.58	
Interest		\$ -	
Difference		\$ (4,745,485.52)	
Beginning Fund Balance		\$ 19,378,844.71	
New Fund Balance	\$	14,633,359.19	

CMRS Status Summary



Alltel (10/05)						
Amelia County	7081	03/22/02	02/20/03	05/16/05	11/16/05*	Phase II - Live
Appomattox County	7083					No Phase I Request
Buchanan County	7093					No Phase I Request
Goochland County	7136	03/21/02	03/07/03	N/A		Phase I - Live / No Phase II Request
Lee County	7156					No Phase I Request
Nelson County	7169	12/10/03	04/21/04	10/05/04	02/01/06	Phase I Live / Phase II extension
Nottoway County	7175	03/01/02	02/24/03	05/16/05	12/31/05*	Phase I - Live / Phase II Requested
Poquoson, City of	7182	02/13/03	09/02/03	N/A		Phase I - Live / No Phase II Request
Powhatan County	7184	05/17/99	08/31/01	N/A		Phase I - Live / No Phase II Request
Prince George County	7185	12/19/01	11/20/02	07/12/05	01/12/06	Phase I - Live / Phase II Requested
Russell County	7195	08/20/03	03/10/04	07/14/05	01/14/05	Phase I - Live / Phase II Requested
Scott County	7197					No Phase I Request
Tazewell County	7214	05/11/04	01/31/05	N/A		Phase I - Live / No Phase II Request
Wise County	7229	09/18/02	06/11/04	04/29/05	10/13/05	Phase II - Live

CMRS Status Summary



Nextel (10/05)						
Amelia County	7081	9/2/2004	4/11/2005	5/5/2005	9/30/2005	Phase II - Live
Chesapeake, City of	7102	8/7/1999	10/30/2001	3/28/2001	9/14/2005	Phase II - Live
Clarke County	7107	5/18/2001	10/18/2005			Phase I Requested - Initially no sites
Culpeper County	7114			5/9/2005	11/9/2005	Phase I & II Requested - Initially no sites
Essex County	7121	1/27/2004	10/28/2004			Phase I - Live / No Phase II Request
Goochland County	7136	3/12/2002	3/19/2003			Phase I - Live / No Phase II Request
King and Queen County	7151	2/11/2004	7/14/2005			Phase I Requested - Initially no sites
Mecklenburg County	7166			7/18/2005	1/18/2006	Phase I & II Requested-Initially no sites
Nottoway County	7175	3/11/2002		5/18/2005	11/18/2005	Phase I & II Requested-Initially no sites
Orange County	7176			5/18/2005	9/30/2005	Phase II - Live
Poquoson, City of	7182	2/5/2003	2/20/2004			Phase I - Live / No Phase II Request
Powhatan County	7184	7/13/1999	7/15/2002	12/3/2002	Withdrew request	Phase I - Live / No Phase II Request
Prince George County	7185	12/10/2001	10/29/2002	6/22/2005	12/22/2005	Phase I - Live / Phase II Requested
Warren County	7220	11/19/2001	TBD			Phase I Requested - Initially no sites

CMRS Status Summary



nTelos (10/05)						
Appomattox County	7083					No Requests
Frederick County	7131	07/01/00	07/30/01	03/03/03		Phase I - Live / Phase II Requested
Goochland County	7136	03/01/02	06/03/04			Phase I - Live / No Phase II Request
Nelson County	7169	02/01/03	09/13/03	09/30/04		Phase I - Live / Phase II Requested
Poquoson, City of	7182	02/05/03	02/25/04			Phase I - Live / No Phase II Request
Powhatan County	7184	06/01/99	06/21/00			Phase I - Live / No Phase II Request
Prince George County	7185	06/22/05		06/22/05		Phase I & II Requested
Roanoke County	7193	12/01/00	01/08/02	10/29/04	11/30/05	Phase I - Live / Phase II Requested
Staunton, City of	7211	02/03/03	12/09/03			Phase I - Live / No Phase II Request
Sussex County	7213					No Requests
Tazewell County	7214	05/09/04	02/08/05			Phase I - Live / No Phase II Request

CMRS Status Summary



Sprint (10/05)						
Colonial Heights, City of	7110	3/14/2002	6/11/2003			Phase I - Live / No Phase II Request
Essex County	7121	04/04/04	10/04/04			Phase I - Live / No Phase II Request
Farmville, Town of	7125	12/23/04	11/30/05			Phase I Requested
Gloucester County	7135	10/28/02	02/28/03			Phase I - Live / No Phase II Request
Goochland County	7136	10/28/02	05/03/03			Phase I - Live / No Phase II Request
Lunenburg County	7159	02/03/03	09/03/03			Phase I - Live / No Phase II Request
Mathews County	7165	10/23/02		06/23/05	12/23/05	Phase I - Live / Phase II Requested
New Kent County	7170	09/01/01	10/02/02	10/08/02	08/30/05	Phase I - Live / Phase II Requested
Nottoway County	7175	03/14/02	10/20/05	05/05/05		Phase I - Live / Phase II Delayed
Poquoson, City of	7182	02/03/03	07/24/04			Phase I - Live / No Phase II Request
Powhatan County	7184	06/01/99	07/06/00			Phase I - Live / No Phase II Request
Prince George County	7185	01/02/02	09/02/02	06/22/02	12/22/05	Phase I - Live / Phase II Requested
Rappahannock County	7189	12/04/01	06/05/05	07/01/04	07/25/05	Phase II - Live
Vinton, Town of	7217	06/04/02	10/25/03			Phase I - Live / No Phase II Request
West Point, Town of	7224	10/23/02	07/03/03	10/23/02	11/05/05	Phase I - Live / Phase II Requested
Williamsburg, City of	7226	12/04/00	01/25/05	09/01/04	07/20/05	Phase I - Live / Phase II Requested

CMRS Status Summary



T-Mobile (10/05)						
Campbell County	7095	12/01/04	11/14/05	12/01/04	11/14/05	Phase I & II Requested / extension
Goochland County	7136	03/14/02	07/01/03			Phase I - Live / No Phase II Request
Nelson County	7169	03/17/03	08/27/03	10/04/04	02/01/06	Phase I Live / Phase II extension
Poquoson, City of	7182	02/07/03	02/05/04			Phase I - Live / No Phase II Request
Powhatan County	7184	03/15/04	06/23/04			Phase I - Live / No Phase II Request
Prince George County	7185	12/10/01	06/10/03	07/11/05	01/09/06	Phase I - Live / Phase II Requested
Roanoke County	7193	08/11/03	01/14/04	10/29/04	11/11/05	Phase I - Live / Phase II Requested
Salem, City of	7196	08/06/03	04/27/04			Phase I - Live / No Phase II Request
Southampton County	7203					No Phase I Request
Staunton, City of	7211	12/23/02	10/31/03			Phase I - Live / No Phase II Request
Warren County	7220					No Phase I Request

CMRS Status Summary



U.S. Cellular (10/05)						
Covington, City of	7111	05/01/02	02/20/04	06/15/05	12/15/05	Phase I - Live / Phase II Requested
Craig County	7113	03/08/04	11/28/05			Phase I Requested/No Phase II Request
Farmville, Town of	7125	12/23/04	10/03/05			Phase I - Live / No Phase II Request
Giles County	7134	06/28/03	04/29/04			Phase I - Live / No Phase II Request
Roanoke County	7193	02/02/01	07/16/02	10/29/04	12/01/05	Phase I - Live / Phase II Extension

CMRS Status Summary



Verizon Wireless (10/05)						
Amelia County	7081	01/13/03	01/29/03	05/05/05	10/03/05	Phase II - Live
Buchanan County	7093	10/28/02	04/28/03			Invalid request.
Clarke County	7107	02/03/00	06/26/02			Phase I - Live / No Phase II Request
Covington, City of	7111	05/01/02	07/28/03	06/15/05	12/12/05	Phase I - Live / Phase II Requested
Dickenson County	7117	04/23/05	10/20/05	04/23/05	12/04/05	Phase I & II Requested
Essex County	7121	01/27/04	07/01/04			Phase I - Live / No Phase II Request
Farmville, Town of	7125	12/23/04	10/31/05			Phase I Extension
Giles County	7134	06/28/03	03/11/04			Phase I - Live / No Phase II Request
Goochland County	7136	03/14/02	12/11/02			Phase I - Live / No Phase II Request
King and Queen County	7151	02/11/04	01/14/05			Phase I - Live / No Phase II Request
Lunenburg County	7159	01/09/02	10/31/05			Phase I Extension
Mathews County	7165	06/23/05	12/20/05	06/23/05	12/20/05	Phase I & II Requested
Nottoway County	7175	04/02/04	09/30/04	05/05/05	12/31/05	Phase I - Live / Phase II Requested
Poquoson, City of	7182	07/15/98	12/20/02			Phase I - Live / No Phase II Request
Powhatan County	7184	06/14/99	07/12/00			Phase I - Live / No Phase II Request
Prince George County	7185	12/10/01	12/17/02	06/22/05	12/19/05	Phase I - Live / Phase II Requested
Roanoke County	7193	02/02/01	09/26/02	10/29/04	11/30/05	Phase I - Live / Phase II Extension
Russell County	7195	08/14/03	04/06/04	07/07/05	10/14/05	Phase II - Live
West Point, Town of	7224	01/24/02	12/20/02	03/18/04	03/16/05	Phase I - Live / Phase II Extension
Winchester, City of	7228	12/28/01	06/26/02			Phase I - Live / No Phase II Request
Wise County	7229	11/01/03	06/17/04	04/23/05	10/14/05	Phase I - Live / Phase II Requested

CMRS Status Summary



- ◆ Carriers Delinquent in Reporting
 - Cingular
 - Nextel Partners
 - Triton PSC/Suncom

FY2005 True-up Reports



- ◆ 116 out of 126 reports received
- ◆ \$19,305,369.85 in actual costs
- ◆ \$3,746,064.63 of additional payments
- ◆ No issues for consideration
- ◆ FY2007 Minimum Percentage

Total Calls	16,056,962
E-911 Calls	4,333,404
Wireless E-911 Calls	2,061,628
Wireless Percentage Statewide	12.84%



Proposed Legislation

Annual Report



- ◆ Expanding Board role to VoIP and IP-based network only, mirroring wireless
- ◆ Authorize the Board to publish best practices (instead of standards)
- ◆ Change funding to automatic PSAP funding and grant program with fund balance being distributed each year

Board Role Change



- ◆ Major changes are to planning and reporting role
- ◆ Added duty to promote future plan through NEW grant funding
- ◆ Grant funding should come from a General Fund appropriation
- ◆ Wireline E-911 should remain excluded from Board involvement

Best Practices



- ◆ Change from direction to committee and Guiding Principle
- ◆ Legislation would add a duty to the Board to:

"Drawing from the work of E-911 professional organizations, in its sole discretion, publish best practices for PSAPs. These best practices shall be voluntary and recommended by a subcommittee composed of PSAP representatives."

Funding Change



- ◆ Deletion of cost recovery model
- ◆ Half of collected funding distributed to PSAPs monthly based on percent of fund formula
- ◆ Other half of funding distributed for need-based grants to PSAPs and carriers
- ◆ Any uncommitted funds at the end of each fiscal year are distributed based on percent
- ◆ Percentage recalculated each biennium
- ◆ Carrier may agree to no cost recovery but want partial surcharge reduction

VoIP Surcharge



- ◆ Committee recommending adding VoIP service to local wireline E-911 surcharge collection
- ◆ Wireless carrier representative opposes in favor of \$.75 surcharge
- ◆ If it is added to wireline surcharge, may not be an issue for the Board to take a position on

Comments



- ◆ Virginia NENA
- ◆ Virginia APCO
- ◆ Southwest Virginia
- ◆ Virginia Beach
- ◆ City of Roanoke
- ◆ Fred Vincent, VDEM
- ◆ Greg Staylor, Chesapeake
- ◆ VACP (Bedford, Arlington, Waynesboro)

Comments (continued)



- ◆ Funding Change
 - General agreement with principle of funding change
 - Recommend split of 60/40
 - ◆ 50/50 split reflects roughly current split
 - ◆ Easily changed based on desire of Board
 - ◆ Possibly adjusted annually to ensure funding levels
 - Guarantee of no less funding than FY2006
 - ◆ Recalculation of formula makes guarantee difficult
 - Recalculation of distribution formula should be conducted each year and implemented Oct. 1
 - ◆ Changes recommended to accomplish this

Comments (continued)



◆ Funding Change (continued)

- Recommend not just changing “shall” to “may” in fund balance distribution
 - ◆ Revision offered to address concern and still address Board's concern

Any Wireless E-911 funding that has not been committed by the Board by the end of the fiscal year shall be distributed to the PSAPs based on the same distribution percentage used during the fiscal year in which the funding was collected; however, the Board may retain some or all of this uncommitted funding for an identified funding need in the next fiscal year.

Comments (continued)



◆ Funding Change (continued)

- Grants subcommittee should be established of Police, Fire, Sheriffs, APCO, NENA to recommend guidelines
 - ◆ CMRS Providers will be eligible for grants also
 - ◆ Original intent was full Board to establish guidelines and review grants
- Grants should 100% fund replacing existing equipment purchased for wireless E-911
 - ◆ Also concern that large localities will not be eligible for same level of replacement funding as today (wireless %)
- Need to maintain audit to ensure proper use
 - ◆ Existing legislation include this requirement

Comments (continued)



- ◆ Expanded Board Role in VoIP
 - VoIP should be supported by Division
 - ◆ Potential approach
 - Board's role should be coordination and not responsibility for deployment
 - ◆ Legislative language is currently "promote and assist" and the development of a plan
 - VoIP should be locally managed
 - ◆ Like wireless, deployment and operation is managed locally with support and assistance from Board
 - ◆ Coordination and support essential to achieving ubiquity

Comments (continued)



- ◆ Expanded Board Role in VoIP (continued)
 - VoIP Funding should be collected locally
 - ◆ Nothing in proposal disagrees with this position
 - ◆ Several comments encouraging Board to take a positive position supporting local collection of VoIP surcharge
 - Composition of the Board should be changed
 - ◆ Addition of a VoIP carrier (or replace one wireless)
 - ◆ Additional PSAP representative
 - ◆ Referencing professional organizations in Code
 - ◆ Change recommended to remove telecommunications references to service types

Three members representing telecommunications companies offering local exchange, wireless or VoIP service in Virginia

Comments (continued)



◆ VoIP Grant Funding

- VoIP Grant Funding should be for PSAP upgrades
 - ◆ This was the original intent
 - ◆ Change proposed to clarify

4. Promote the implementation of the statewide enhanced 9-1-1 plan by providing grant funding to PSAPs that support the plan.

Comments (continued)



◆ Expanded Board Role in IP-Network

- VITA should manage deployment of such a network since implications are larger than E-911
 - ◆ This was the original intent
 - ◆ Board would serve as subject matter experts for E-911 application on network
 - ◆ Modeled after "Statewide Address File" responsibility
- Board should not be solely responsible to build IP network
 - ◆ Change proposed to clarify

Comments (continued)



◆ Expanded Board Role in IP-Network (continued)

A. The Wireless E-911 Services Board is hereby created, which shall promote and assist:

a. in the statewide development, deployment, and maintenance of enhanced wireless E-911, VoIP E-911 and any other future communications technologies accessing E-911 for emergency purposes;

b. in the development and deployment of enhanced wireline emergency telecommunications services and technologies only in specific local jurisdictions that were not wireline E-911 capable by July 1, 2000; and

c. VITA and other stakeholder agencies, in the development and deployment of a statewide public safety network that will support future E-911 and other public safety applications.

Comments (continued)



◆ Best Practices for PSAPs

■ Board should limit publishing to wireless best practices

◆ This was not the original intent of the request or committee recommendation

◆ If this limited, consider removing all together

■ Best practices are available from professional organizations

◆ Intent was to leverage the work of organizations and share with those that may not be members

■ Focus should be on CALEA

◆ CALEA is focused on "Accreditation"

Comments (continued)



- ◆ Change “Enhanced Emergency Telecommunications Service” to “Enhanced 911 Services”
 - Changes proposed to address
- ◆ Change VoIP definition reference
 - “VoIP Service” means interconnected voice over Internet protocol service as defined in 47 CFR 9.3 as “Interconnected VoIP service”, as may be amended
- ◆ Need to retain true-up process for FY2006
- ◆ Board should complete wireless deployment under original charter first
- ◆ Unclear why legislative changes are needed

Old Business



- ◆ None

New Business



- ◆ FY2006 Funding Request
 - Bland County - \$ 41,705.67
 - Craig County - \$ 45,330.88
- ◆ FY2006 Adjustment
 - Giles County - \$55,511.19

New Business



- ◆ Public Comment

- ◆ Adjourn Meeting
 - Next meeting January 11, 2006