

# FirstNet and Next Generation 9-1-1

Presented to the  
State Interoperability Governance Board



-----*State Information Technology Services Division*-----



# SEC. 6413.

## PUBLIC SAFETY TRUST FUND

- (a) Establishes a Public Safety Trust Fund
  - (2) Amounts remain available through FY 2022
- (b) Use of Fund – used in the following order of priority
  - (1) Repayment of Amount Borrowed NTE \$2B
  - (2) State and Local Implementation Fund \$135M
  - (3) Build out by First Responder Network Authority \$7B reduced by the amount borrowed (1) above
  - (4) Deficit Reduction \$20,400,000,000B; actual 33.7B
  - (5) 9-1-1, E9-1-1, and Next Gen 9-1-1 Implementation Grants \$115,000,000M
  - (6) Additional Deficit Reduction



# Wireless Spectrum Auction

- Auction ended January 29<sup>th</sup>, 2015
- FCC set a goal of raising at least \$10.6B
- Raised more than \$41B
  - \$33B more than needed for FirstNet and 9-1-1
- Winning Bids
  - AT&T won bids totaling \$18.2B
  - Verizon won bids totaling \$10.4B
  - T-Mobil won bids totaling \$1.8B
  - [http://news.yahoo.com/us-reaps-nearly-45-bn-wireless-spectrum-auction-145656176.html?soc\\_src=copy](http://news.yahoo.com/us-reaps-nearly-45-bn-wireless-spectrum-auction-145656176.html?soc_src=copy)



# Next Generation 9-1-1 and FirstNet

- Linked in Federal Law
- Linked by technology
  - AT&T to APCO: Emergency Services IP Network (ESInet) [http://broadbandsummit.apcointl.org/wp-content/uploads/NG911\\_Implementation\\_FirstNet\\_Ernst.pdf](http://broadbandsummit.apcointl.org/wp-content/uploads/NG911_Implementation_FirstNet_Ernst.pdf)
- “Basically, all of the massive amounts of voice data and video, multimedia emergency-services information coming in from the public will come into the PSAP and via those same kind of IP pipes – go out over FirstNet to first responders” Jay English, director of communications center and 911 services APCO



# Recent FCC Action

- FirstNet: Broadband 4G LTE Network dedicated to Public Safety
- January 29, 2015
  - FCC votes to define broadband as 25 megabits per second or higher
  - Commissioner O’Rielley hints at PSAP consolidation
    - “by some estimates, the current structure would be able to operate at optimal efficiency with as few as three PSAPs nationwide”



# State Issues

- Average Internet Speeds in the U.S.
  - 32.85 Mbps
  - <http://www.netindex.com/download/allcountries/>
- Average Internet Speeds in Montana
  - 25.5 Mbps
  - <http://www.netindex.com/download/2,1/United-States/>
- HR7 - Study next-generation 9-1-1

# FirstNet SPOC Notification:

- FirstNet finalizing data collection activities ***“that would be beneficial for you to collect from the public safety community in your state...to inform the FirstNet Comprehensive Network Solution(s) RFP and the State Plans”***

Prior to finalizing these data collection requests, FirstNet will hold two meetings to preview the draft data collection categories and to solicit SPOC input:

- In-person meeting Wednesday, February 18<sup>th</sup>, 9am – 12 pm EST Wa DC.  
Webinar, February 20<sup>th</sup>, 1pm -- 3 pm EST
- Will distribute draft data collection categories prior to February 18<sup>th</sup> so SPOC's can have time to review and prepare comments.
- FirstNet, in conjunction with SLIGP/NIST, is planning a two day SPOC meeting Between April 14 – 16, 2015. Additional information to follow on venue.



# Questions?



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