



Washington State Interoperability Executive Committee (SIEC)

Bill Schrier, Chair

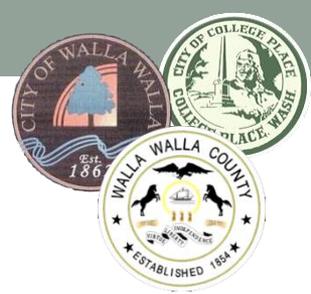
FIRSTNET IN WASHINGTON STATE WALLA WALLA EMCAB 12 JUNE 2014



Today



- **SIEC: State Interoperability Committee**
- **FirstNet: a nationwide wireless network**
- **How do responders in Walla Walla County communicate today?**
- **Challenges you face**
- **Building FirstNet in Washington State**
- **What we need from you: Getting involved**



Bill Schrier



- **Chair, Washington State Interoperability Executive Committee (SIEC)**
- **Former Chief Technology Officer, City of Seattle**
- **Chair, APCO Broadband Committee**
- **Former Police Officer**
- **Retired, U. S. Army Reserve, Corps of Engineers**





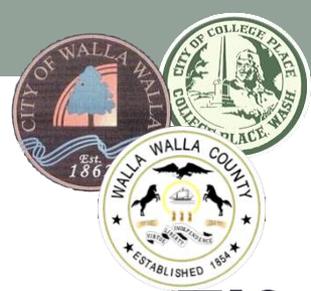
Washington State Interoperability Executive Committee (SIEC)



SIEC

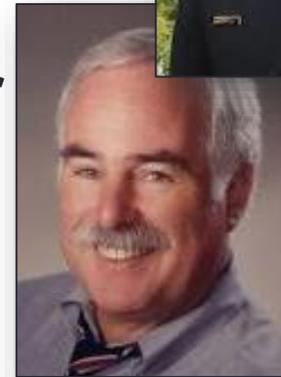
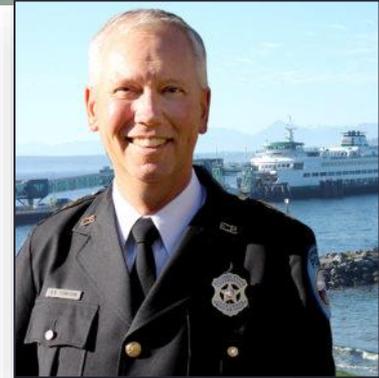


- **State Interoperability Executive Committee**
- **Oversees interoperability for state agency radio networks**
- **Concerned about interoperability statewide for responders**
- **Designated by Governor Inslee as FirstNet Point of Contact**



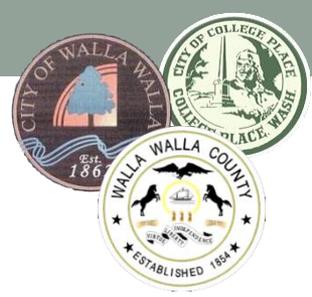
SIEC

- **Fifteen Members include:**
 - **Chief Al Compaan, Edmonds**
 - **Chief Jim Sharp, West Pierce**
 - **Clallam County Commissioner Mike Doherty**
 - **Patti Kelly, Whitcom 911 Director**
 - **Bill Benedict, Clallam County Sheriff**
 - **Stephanie Fritts, EM Director**
 - **WSP Chief John Batiste**
 - **Adjutant General Bret Daugherty**



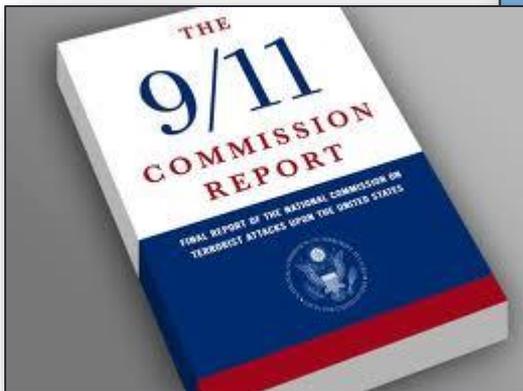


The First Responders Network Authority (FirstNet)





23 : 343



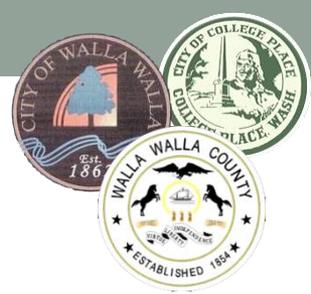


September, 2011

Nine Major Unfinished 9/11 Commission Recommendations



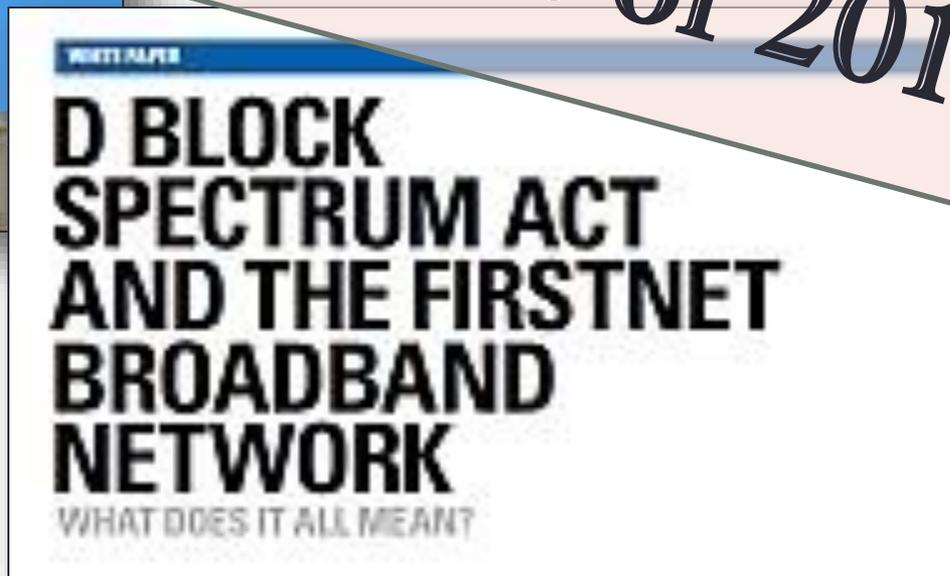
“We support the immediate allocation of the D-block spectrum to public safety and the construction of a nationwide, interoperable broadband network.”

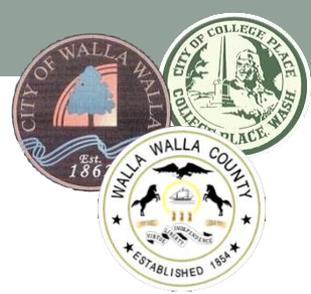


February, 2012

Congress Acts

Spectrum Act of 2012





- **First Responder Network Authority**
- **Funded: \$7 billion from spectrum sales**
- **Is licensed to use 20 MHz of spectrum in the 700 MHz band**
- **Will use LTE commercial network technology (same as Verizon, AT&T etc.)**
- **LTE = long term evolution**
- **A “data only” network today with cell calling**
- **Must produce a design for each State**
- **Governor must “opt in” or out of the design**



**A nationwide, wireless
broadband, 4G/LTE
data network
dedicated
to public safety**



“Public Safety” includes:

- **Emergency Medical Services, Firefighters, Law Enforcement**
- **Emergency Management**
- **Public Health**
- **Public Works**
- **Transportation**
- **Tribal Nations**
- **Water and Electric Utilities**
- **And other responders as well ...**





Challenges for Public Safety and responders in Walla Walla County

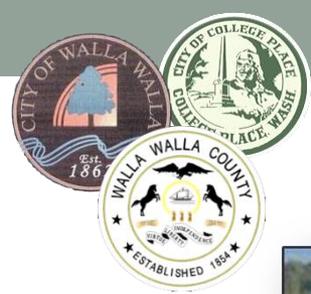


Questions for Responders in Walla Walla County

- **How well do your voice wireless networks work – interoperability, coverage?**
- **Do you use smartphones and cell phones and tablet or mobile data computers today? Carriers, issues?**
- **What mobile apps do you have today or need to deploy for field/mobile workers?**



Why Build Another Wireless Network?



“1952 hrs: Emergency services advising that cell phones are no longer working.”



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Cell use at Seahawks parade swamped wireless networks

Overwhelmed by hordes of cellphone users trying to snap pictures and text friends, the downtown wireless network grew sluggish and unresponsive. But police and fire officials say their emergency-communications work on radio frequencies and weren't affected.

By [Lynn Thompson](#)
Seattle Times staff reporter

Wireless networks were overwhelmed Wednesday by an estimated 700,000 Seahawks fans trying to text and call friends, and upload photos and videos from the Super Bowl parade onto Facebook, Twitter and Instagram.

Share:



Recommend 216

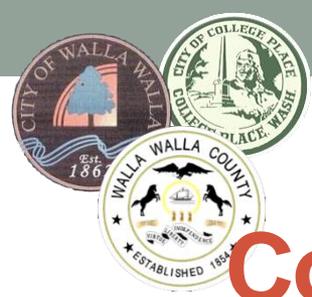
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■ [Seattle salutes Seahawks, its Super heroes](#)



Today: who has priority on Commercial Cellular Networks?



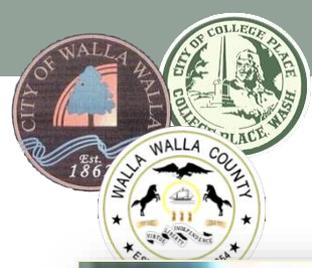
OR





Public Safety Apps





Video, Augmented Reality





Public Safety Grade





What FirstNet is not



**FirstNet does
Not replace land
mobile voice
radio (LMR)
...yet.**





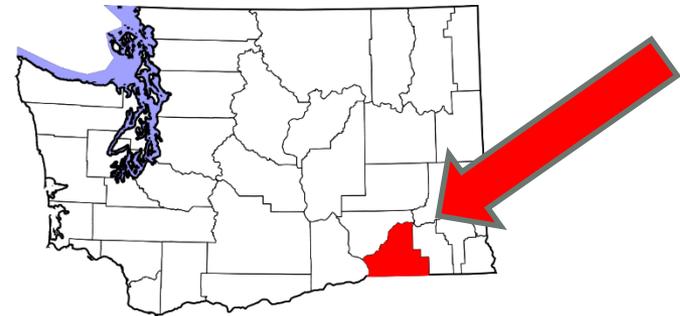
How will



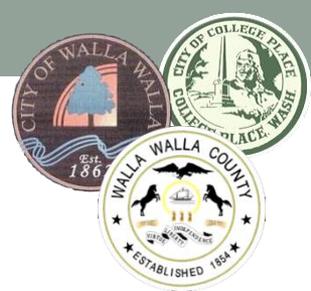
know what



... or responders in



really need for public safety
communications?



SLIGP

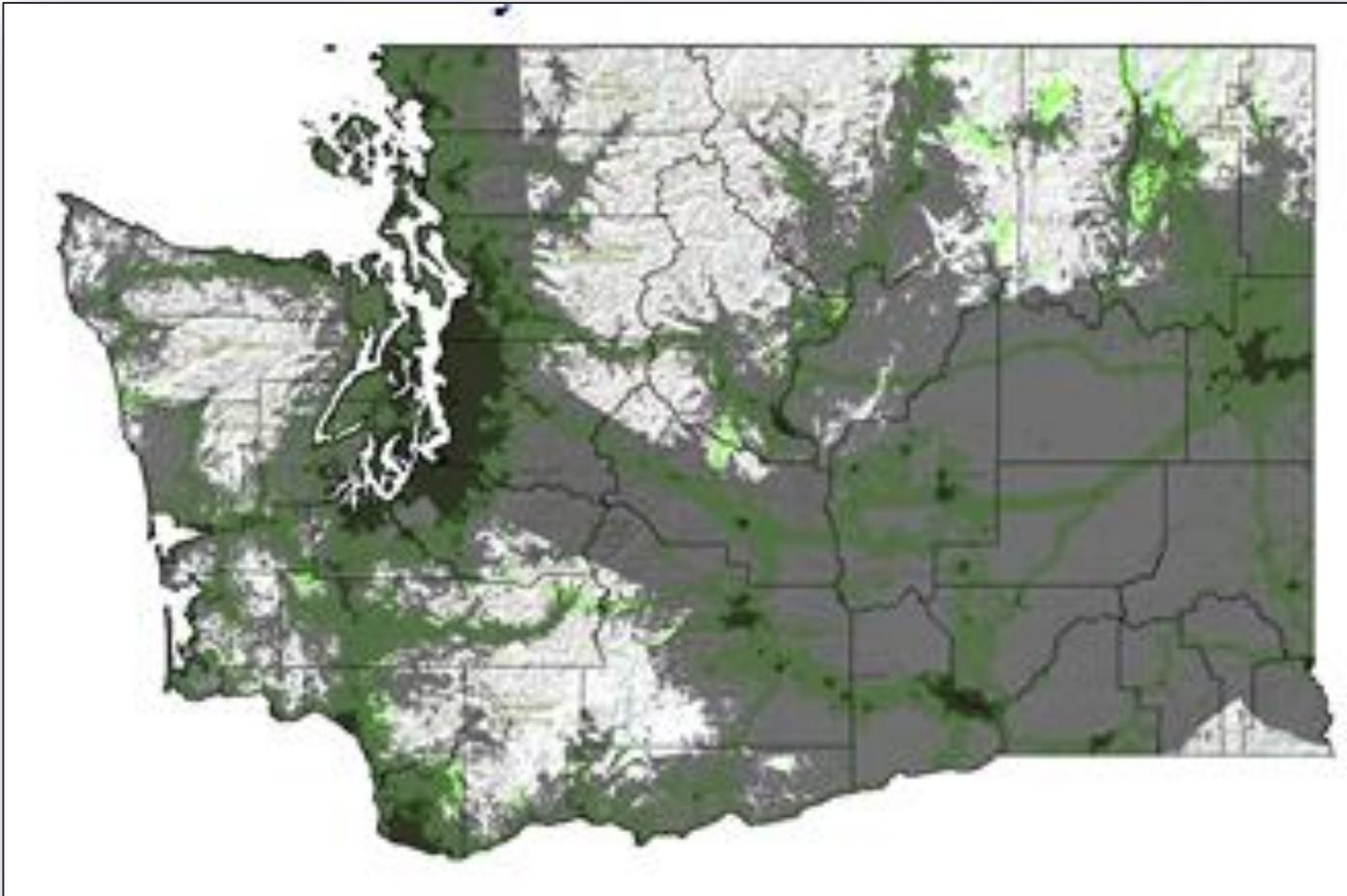


- **State/Local Implementation Grant Program**
- **Washington awarded \$2.6 million on Sept. 6th**
- **Phase 1: Outreach, Education, Governance**
- **Phase 2: Data Collection**
- **Single Point of Contact: SIEC
State Interoperability Executive Committee**





Phase I includes: A coverage map for Washington

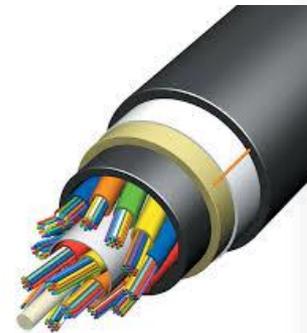


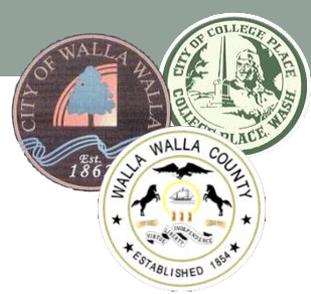


Phase II Asset Inventory



- Dark fiber
- Microwave
- Data centers
- Radio towers
- And more ...





Decisions, Decisions

- **Governor: Opt-in or Opt-out?**
- **Probably 2015 or ??**

Goal: Before Governor makes a decision, he's heard from all interested stakeholders, including tribes, via the State Interoperability Executive Committee





Getting Involved



Washington OneNet Team



**Bill
Schrier**



**Michael
Marusich**



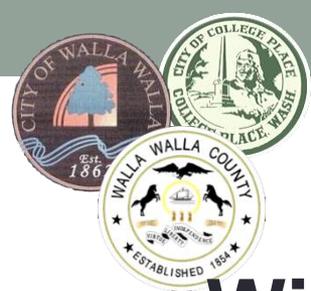
**Shelley
Westall**

OneNet@ocio.wa.gov



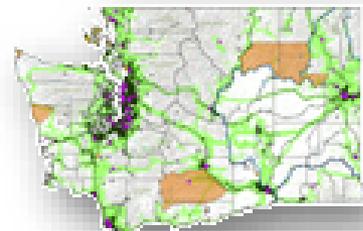
Get Involved Washington

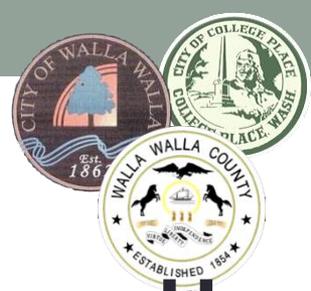
- **Listserv –**
interop@listserv.wa.gov
- **Stakeholder Committee**
- **Technical Committee**



Help Us Answer ...

- Will FirstNet cover where we respond?
- How much will it cost?
- What devices can we use?
- Will it reach into buildings?
- Who gets to use it?
- What apps will it have?
- Who has priority?
- ... and more ...





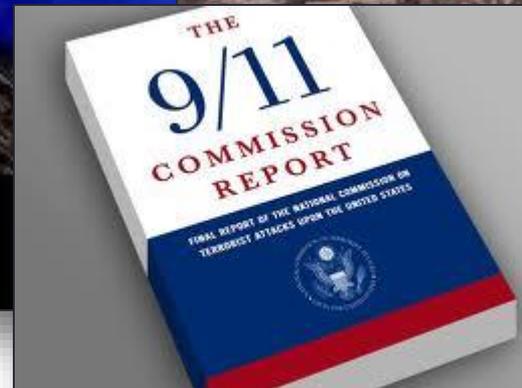
Timeline?

Unofficial ...

- **2014 (now) – Outreach**
- **July-Aug – Stakeholder/Tech Start**
- **October – “kickoff” with Gov, Firstnet**
- **2015 (early) – Data collection**
- **2015 – Design (by FirstNet)**
- **2015? – Governor’s opt-in/out decision**
- **2015-2017 – Construction**
- **2017 (end) – Network operational?!**



Get the best possible design for Washington State





Bill Schrier



- **Chair, Washington State Interoperability Executive Committee (SIEC)**
- **Office of the CIO**
- **bill.schrier@ocio.wa.gov**
- **<http://ocio.wa.gov/onenet>**
- **360.902.3674**
- **Twitter @billschrier**
- **<http://schrier.wordpress.com>**

