

**OREGON DEPARTMENT OF TRANSPORTATION  
Major Projects Branch**

**Broadband Waiver Recipient  
Oregon Quarterly Report # 9**

**Planning**

**Expected timing for development and issuance of any RFI/RFP**

The State Radio Project under the direction of Major Projects Branch, Oregon Department of Transportation is responsible for updating the state's emergency communications system. Key components of this project are:

- Repair the critical components of Oregon's deteriorating state radio network
- Provide the core foundation for a statewide, modern, reliable, state of the art, FCC compliant public safety radio system
- Future LTE development will be contingent upon the core foundation built by the State Radio Project and require a separate funding model from this project.

**Funding**

**Status of efforts to obtain funding for planning and/or deployment, including budgeting, assessments, grants or other means**

The State Radio Project has an operational budget of \$121M for the 2011-2013 biennium. Grant funding is in place to provide a packaging consultant for the development of LTE Pilot Projects within select regional areas of Oregon. Key components of this effort are to develop a staged business plan that can develop in unison with the FirstNet implementation.

**Deployment**

**Status of equipment development and purchase, including number of devices and users**

**No equipment has been identified or purchased during this reporting period.** On January 9, 2012, the FCC Public Safety and Homeland Security Bureau (Bureau) issued the PLMN ID Order (*See Requests for Waiver of Various Petitioners to Allow the Establishment of 700 MHz Interoperable Public Safety Wireless Broadband Networks, PS Docket 06-229, Order, DA12-25, (PSHSB rel. Jan. 9, 2012) (PLMN ID Order)*), requiring Waiver Recipients to submit their

choice of numbering administrator for approval and, provided that the Bureau approves the submission, complete the development of a numbering scheme by March 31, 2012.

On February 8, 2012, all twenty-one Waiver Recipients filed a joint request asking the Bureau to approve the selection of Science Applications International Corporation (SAIC) as the numbering administrator.

On March 16, 2012, the Bureau issued an Order (See Requests for Waiver of Various Petitioners to Allow the Establishment of 700 MHz Interoperable Public Safety Wireless Broadband Networks, PS Docket 06-229, Order, DA12-423, (PSHSB rel. March 16, 2012)), approving SAIC to serve as the common numbering administrator.

The Waiver Recipients, through the Operator Advisory Committee, diligently worked with SAIC on the development of the numbering scheme.

Oregon verifies that it completed the development the numbering scheme by the March 31, 2012 deadline as required by the PLMN ID Order.

Oregon also verifies that there is no new information regarding SAIC's licenses or affiliations that might call into question its ability to serve as a fair and impartial administrator.

Common language on selecting Option 1 of the IIG's work

In the *Waiver Order*, the Commission required that Waiver Recipients be capable of supporting roaming on all other Waiver Recipients' systems, as well as public safety systems deployed in the future.<sup>1</sup> Further, the Commission has required that technical roaming capability, for both home-routed traffic and local breakout traffic, be available on the date that a Petitioner's network achieves service availability.<sup>2</sup>

Consistent with the *Further Order's* requirement that each Waiver Recipient certify its compliance with this condition in its quarterly report that follows its date of service availability, this is to certify that Oregon complies with the Commission's condition. Specifically, Oregon and other waiver recipients

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<sup>1</sup> See, Requests for Waiver of Various Petitioners to Allow the Establishment of 700 MHz Interoperable Public Safety Wireless Broadband Networks, PS Docket 06-229, Order, 25 FCC Rcd 5145 (2010) (*Waiver Order*).

<sup>2</sup> See, Requests for Waiver of Various Petitioners to Allow the Establishment of 700 MHz Interoperable Public Safety Wireless Broadband Networks, PS Docket 06-229, Order, 25 FCC Rcd 17156 (2010)(*Further Order*), at para. 9.

created a working group of industry proposals to develop a methodology for technical roaming capability. Ultimately, the Waiver Recipients jointly elected a methodology that provides for a centralized service to provide such roaming capability, provided by an IPX Service Provider.<sup>3</sup>

### **Estimated dates for beginning operations**

Oregon is preparing to work with FirstNet, by identifying infrastructure assets from both the public and private sector that may be useful for inclusion in the PSBN. Steps are being taken to identify how we can utilize the state implementation grant to prepare for our consultation with FirstNet. In addition the State has made use of assistance provided by the Office of Emergency Communications to conduct a broadband survey of local government and state users – to aid in our preparation and planning for the PSBN.

### **Site development, including use of existing towers**

Previous work by Oregon will enable us to leverage this information and knowledge in preparing for a collaborative work effort with FirstNet. Under our 700MHz waiver initiative we planned to conduct a LTE pilot effort and develop a business case for the implementation of public safety broadband in Oregon. Currently the LTE Pilot Project has been suspended and we are moving forward with development of our business case.

### **Oregon Transportation Commission. Status:**

Major Projects Branch was approved by the commission to use the Oregon Innovative Partnerships Program (OIPP) for procurement efforts related to the LTE project. OIPP will aid in coordination with the Oregon Transportation Commission and the Statewide Interoperability Executive Committee (SIEC) to accelerate cost-effective delivery of this innovative project within Oregon. .

### **Deployments and upgrades (commencement and completion), including site information and location.**

No deployments are currently scheduled - implementation of the PSBN in collaboration with FirstNet is the State's focus.

### **Applications in development or in use**

Identification stage only.

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<sup>3</sup> Additional technical information is available from the Waiver Recipients upon request.