

**City of Seattle Quarterly Report #9<sup>1</sup>**  
**July 19, 2012**

**I. Planning**

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

- A. *Expected timing for RFI/RFP*
1. *When will RFI or RFP be issued (any progress or outcome)?*
  2. *If the RFI or RFP has been issued, what is the timing of the response window and the succeeding timing for a decision by the Waiver recipient?*

The City is not actively proceeding with procurement at this time. The City is following guidance from the National Telecommunications and Information Administration (NTIA) to suspend procurement activities related to LTE infrastructure.

- B. *What other planning activities have occurred which may increase the potential for timely submissions of FCC deliverables (e.g., meetings with vendors, coordination within the state or, if relevant, any coordination with other neighboring states, communications with public safety officials, narrowband relocation efforts)?*

The City continues to participate in a regional group, the Radio Executive Policy Committee (REPC). In December 2011, the REPC engaged a consultant to facilitate decision-making by committee members with the goal of reaching consensus on a proposed governance model for Regional radio communications. By December 2012, the consultant is expected to have final recommendations and proposed agreement(s) that REPC can recommend to their respective decision-making bodies for adoption.

**II. Funding**

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

- A. *Briefly describe any efforts to obtain funding (e.g., BTOP application) for the Project*

No change from April's report. The City of Seattle does not have a funding strategy at this point.

- B. *Briefly describe Recipient's current funding plan and expected funding timeline*

No change from April's report. The City of Seattle does not have a specific timeline at this point.

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<sup>1</sup> Paragraph 64 of the *Waiver Order* requires the Petitioners to file, in consultation with the PSST, a quarterly status report with the FCC Public Safety and Homeland Security Bureau. The *Waiver Order* requires Quarterly Reports to address Petitioners' progress in three areas: (1) planning; (2) funding; and (3) deployment.

### III. Deployment

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

##### A. Identify any completed efforts at equipment development

No change from April's report.

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.

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

The City of Seattle 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.

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>2</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>3</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 the City of Seattle complies with the Commission's

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<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 5145 (2010) (Waiver Order).*

<sup>3</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.*

condition. Specifically, the City of Seattle and other waiver recipients 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>4</sup>

- B. Describe any equipment purchases, including types, numbers of devices and who will be the proposed users*

No change from April's report. The City of Seattle has not purchased equipment or determined number of devices. The City is awaiting guidance from NTIA.

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

- A. How many sites currently exist in the Project area?*

The preliminary design report prepared by Televate, LLC recommended 34 LTE radio access network sites. The City of Seattle anticipates that there could be changes to the list of sites per guidance from NTIA.

- B. How many new sites may be needed and will such new builds require additional time for permitting which could delay deployment?*

No change from April's report. The sites selected for City of Seattle's preliminary design report prepared by Televate, LLC are existing sites that do not require construction or significant building modifications. No time delays due to permitting are anticipated.

- C. Are there any rights of way issues related to the sites which could pose jurisdictional issues and result in delays?*

No change from April's report. City of Seattle does not anticipate any right-of-way issues that could cause delays.

- D. What is the status of site acquisition or development (e.g. number of sites completed and ready for equipment deployment, number in progress, number not yet started)?*

No change from April's report. Site-specific work to prepare radio sites for deployment has not yet begun.

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

- A. Expected construction/deployment timeline*

The City does not have a specific project timeline at this point. The City of Seattle is following guidance from NTIA to suspend procurement activities related to LTE infrastructure.

- B. Interoperability Showing (Confirm submittal of copy to FCC and PSST)*

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<sup>4</sup> Additional technical information is available from the Waiver Recipients upon request.

No change from April's report. City of Seattle submitted an Interoperability Showing to the FCC on July 19, 2010.

*C. Confirm access to all public safety entities in your geographic area (Order para. 54)*

No change from April's report. City of Seattle will ensure that all public safety agencies operating within the geographic areas covered by City of Seattle's network will have access to the network.

**Applications in development or in use**

No change from April's report. City of Seattle expects to deploy a network that supports the five applications described in paragraph 46 of the waiver order.