Exhibit No. \_\_\_\_T (CTL-1T) Docket UT-140597

Witnesses: Mark Reynolds Tim Betsch Stacy Hartman

#### BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION, **DOCKET UT-140597** 

Complainant,

v.

QWEST CORPORATION D/B/A CENTURYLINK QC,

**Respondent.** 

### **TESTIMONY OF CENTURYLINK**

#### **REVISED OCTOBER 27, 2015**

CenturyLink Testimony in Support of Settlement

October 13, 2015

| 1  |    | I. INTRODUCTION  |
|----|----|--|
| 2  | Q. | Who is sponsoring this testimony?  |
| 3  | A. | This testimony is sponsored by Qwest Corporation, d/b/a CenturyLink QC               |
| 4  |    | ("CenturyLink" or "Company") and is offered in support of the Settlement             |
| 5  |    | Agreement entered into between Commission Staff and CenturyLink.                     |
| 6  |    |  |
| 7  | Q. | Please state your names.   |
| 8  | A. | Our names are: Mark Reynolds, Tim Betsch, and Stacy Hartman.                         |
| 9  |    |  |
| 10 | Q. | What is the purpose of your testimony?   |
| 11 | A. | Our testimony describes and supports all provisions of the Settlement Agreement      |
| 12 |    | signed by Staff and CenturyLink ("Settlement Agreement"). The Settling Parties       |
| 13 |    | filed their initial Settlement Agreement with the Washington Utilities and           |
| 14 |    | Transportation Commission (Commission) on September 10, 2015.                        |
| 15 |    |  |
| 16 |    | CenturyLink agrees that the resolution of the Commission's complaint as reflected in |
| 17 |    | the Settlement Agreement is consistent with the public interest and should be        |
| 18 |    | approved. CenturyLink requests that the Commission issue an order approving the      |
| 19 |    | Settlement Agreement without modification or addition.                               |
| 20 |    |  |

| 1  | Q. | Is the settlement a full settlement pursuant to WAC 480-07-730(1)?                                |
|----|----|---|
| 2  | A. | No, it is not a full settlement because Public Counsel is not a party to the agreement.           |
| 3  |    | However, Staff and CenturyLink believe that the Settlement Agreement fully and                    |
| 4  |    | appropriately resolves all of the issues in the litigation.                                       |
| 5  |    |   |
| 6  |    | III. JOINT TESTIMONY  |
| 7  | Q. | Please provide an overview of the settlement.   |
| 8  | A. | The terms of the settlement are set forth below:  |
| 9  |    | First Admission. CenturyLink admits that it violated RCW 80.36.080.                               |
| 10 |    | Second Admission. CenturyLink admits that it violated WAC 480-120-450(1).                         |
| 11 |    | Third Admission. CenturyLink admits that it violated WAC 480-120-412(2).                          |
| 12 |    | Scope of Admissions. CenturyLink admits the violations above for settlement                       |
| 13 |    | purposes only.  |
| 14 |    | <b><u>Penalty</u></b> . CenturyLink will pay to the Commission a penalty of \$2,854,750. The full |
| 15 |    | penalty amount is due within 45 calendar days of the Effective Date of this                       |
| 16 |    | Agreement.  |
| 17 |    | FCC Compliance Reports. CenturyLink will contemporaneously submit to Staff                        |
| 18 |    | copies of all "compliance reports" filed with the Federal Communications                          |
| 19 |    | Commission (FCC) pursuant to paragraph 13(a) of the 911 outage consent decree                     |
| 20 |    | adopted by the FCC on April 6, 2015, in File No. EB-SED-14-00017187.                              |
| 21 |    | Compliance Officer. CenturyLink will designate a compliance officer responsible                   |
| 22 |    | for monitoring the Company's compliance with this Agreement.                                      |

| 1  |       | PSAP Trunk Member (PTM) Threshold Counter Quarterly Reporting. Until all           |
|----|-------|--|
| 2  |       | Washington Public Safety Answering Points (PSAPs) have completed the transition    |
| 3  |       | to Next Generation 911 (NG911), CenturyLink will submit to Staff quarterly reports |
| 4  |       | detailing (1) the maximum number of messages the Company's PTM threshold           |
| 5  |       | counter can process; (2) the frequency of manual review (e.g., daily, weekly,      |
| 6  |       | monthly); and (3) the counter value as of the reporting date.                      |
| 7  |       | Annual Audit. Until all Washington PSAPs have completed the transition to          |
| 8  |       | NG911, CenturyLink will: (1) annually perform a 911 Circuit Diversity Audit as     |
| 9  |       | outlined in the FCC's Report and Order in PS Docket No. 13-75, issued on           |
| 10 |       | December 12, 2013 (FCC 13-158); and (2) report the results to Staff.               |
| 11 |       | IP Transition Status Reports. Until all Washington State PSAPs have completed      |
| 12 |       | the transition to NG911, CenturyLink will submit to Staff annual Internet Protocol |
| 13 |       | (IP) transition status reports.  |
| 14 |       |  |
| 15 |       | V. CENTURYLINK TESTIMONY   |
| 16 | TES   | FIMONY OF MARK REYNOLDS  |
| 17 | Q.    | Please state your name and business address.                                       |
| 18 | А.    | My name is Mark Reynolds. My business address is 1600 - 7th Ave., Room 1506,       |
| 19 |       | Seattle, Washington 98191.   |
| 20 |       |  |
| 21 | Q.    | Please describe your backgrounds and qualifications.                               |
| 22 | A.    | I am the Vice-President Public Policy for CenturyLink in Washington and four other |
| 23 |       | states. I have been employed by CenturyLink or one of its predecessor companies    |
|    | REVIS | SED 10/27/2015   |

REVISED 10/27/2015 <u>CENTURYLINKJOINT</u> TESTIMONY IN SUPPORT OF SETTLEMENT Docket UT-140597

| 1           |    | since 1981 and have had various positions in a number of organizations, including      |
|-------------|----|--|
| 2           |    | finance, public policy, interconnection negotiations, and cost analysis. I have        |
| 3           |    | appeared in multiple proceedings before this Commission and in other states            |
| 4           |    | testifying on various issues in cost dockets, interconnection arbitrations, AFOR       |
| 5           |    | proceedings, mergers, and settlements of contested cases.                              |
| 6           |    |  |
| 7<br>8<br>9 | Q. | In general, what is CenturyLink's position with regard to the issues in the Complaint? |
| 9<br>10     | А. | Although CenturyLink did not file an answer to the complaint, CenturyLink did          |
| 11          |    | disagree with some of the findings and conclusions in the Investigation Report and     |
| 12          |    | some of the recommendations in the complaint. Nevertheless, CenturyLink believes       |
| 13          |    | that the Settlement Agreement presents a fair resolution of the outstanding issues.    |
| 14          |    |  |
| 15          | Q. | Why did CenturyLink agree to settle the case with Staff?                               |
| 16          | A. | CenturyLink understands that the provision of 911 service is an extremely important    |
| 17          |    | function, and believes that the Settlement Agreement reflects the seriousness of the   |
| 18          |    | outage. CenturyLink takes its 911 obligations very seriously and the penalty and the   |
| 19          |    | reporting requirements as requested by Staff initially and agreed to by CenturyLink    |
| 20          |    | reflect that CenturyLink is not asking for any mitigation or reduction in the          |
| 21          |    | recommendation. Because CenturyLink was willing to agree to Staff's terms, with        |
| 22          |    | some minor changes to reflect updated progress and events, the company was able to     |
| 23          |    | reach a settlement with Staff to resolve the case.                                     |
| 24          |    |  |

# 1 Violations and Penalty

| 2<br>3                     | Q. | What does the Settlement Agreement provide in terms of admissions to rule violations and a penalty?   |
|----------------------------|----|---|
| 4<br>5                     | A. | For purposes of settlement, CenturyLink admits to rule violations and will pay a  |
| 6                          |    | penalty of \$2,854,750. CenturyLink will pay the penalty within 45 days of the date   |
| 7                          |    | of a final order approving the Settlement Agreement or the date that an initial order   |
| 8                          |    | approving the Settlement Agreement becomes a final order. As described in the   |
| 9                          |    | testimony of Ms. Paul, and CenturyLink agrees, the penalty amount is significant and  |
| 10                         |    | reflects the serious nature of the outage.  |
| 11                         |    |   |
| 12<br>13<br>14<br>15       | Q. | In the Staff Investigation Report, there was a recommendation that the<br>Washington 911 traffic be distributed more evenly between the Englewood and<br>Miami locations. Why is that provision not a part of the Settlement<br>Agreement?                                |
| 16<br>17                   | A. | After a meeting among Staff, CenturyLink and Intrado, and the Company's provision   |
| 18                         |    | of responses to data requests, Staff is satisfied that this recommendation has been   |
| 19                         |    | implemented and the settling parties agreed that there was thus no need for it to be  |
| 20                         |    | included in the Settlement.   |
| 21                         |    |   |
| 22<br>23<br>24<br>25<br>26 | Q. | In the Staff Investigation Report, there was a recommendation that Company<br>make a presentation to the Commission at an open meeting regarding corrective<br>action taken during and after the outage. Why is that provision not a part of<br>the Settlement Agreement? |
| 27                         | A. | Staff and CenturyLink agreed that this issue could be addressed in CenturyLink's  |
| 28                         |    | testimony in this matter, and therefore did not believe that this condition needed to   |

| 1  |                      | be a part of the Settlement. Mr. Betsch describes the corrective action work that                                 |
|----|----------------------|---|
| 2  |                      | Intrado performed, and continues to perform, to address the outage.   |
| 3  |                      |   |
| 4  | Q.                   | Is there anything you would like to add regarding this case?  |
| 5  | A.                   | Yes. CenturyLink would like to reiterate that it recognizes the seriousness of this                               |
| 6  |                      | outage and the public safety obligations that come with the provision of 911 service.                             |
| 7  |                      | We take these obligations very seriously, and the contract to provide NG911 service                               |
| 8  |                      | to the State of Washington is an important part of CenturyLink's business in the                                  |
| 9  |                      | state. CenturyLink has active and ongoing discussions with its vendor to enhance                                  |
| 10 |                      | the quality of service that both companies provide.   |
| 11 |                      |   |
| 12 | Q.                   | Does this conclude your testimony in support of the Settlement Agreement?   |
| 13 | A.                   | Yes.  |
| 14 |                      |   |
| 15 | TES                  | <b>FIMONY OF TIM BETSCH</b>   |
| 16 | Q.                   | Please state your name and briefly describe your responsibilities with Intrado.                                   |
| 17 | A.                   | My name is Tim Betsch. I have been in the role of Customer Team Director at                                       |
| 18 |                      | Intrado since July 28, 2014. I am responsible for the relationship between  |
| 19 |                      | CenturyLink and Intrado related to the services that Intrado provides to CenturyLink.                             |
| 20 |                      |   |
| 21 | Q.                   | Please provide a brief summary of the April 2014 outage.  |
| 22 | A.                   | Intrado's PSAP Trunk Member (PTM) counter in the Englewood, Colorado  |
| 23 |                      | Emergency Call Management Complex (ECMC) exceeded its administered  |
|    | <u>CENT</u><br>IN SU | SED 10/27/2015<br><u>URYLINKJOINT</u> TESTIMONY<br>PPORT OF SETTLEMENT Exhibit No. JTCTL-1T<br>t UT-140597 Page 6 |

|   | 1              |        | threshold, resulting in the system's inability to assign trunks for PSAP  | CAMA call                          |
|---|----------------|--------|---|------------------------------------|
|   | 2              |        | delivery via the Englewood ECMC. The incident started at 11:54pm F  | PT on April 9,                     |
|   | 3              |        | 2014, and lasted 6 hours and 12 minutes. During this incident 5,6275,   | <u>684</u> call                    |
|   | 4              |        | attempts from WA were not completed while 792 WA calls completed  | successfully                       |
|   | 5              |        | through the Miami ECMC. This issue was resolved at 6:06am PT on A   | April 10, 2014,                    |
|   | 6              |        | when all calls from the Englewood ECMC were re-routed to the Miam   | i ECMC.                            |
|   | 7              |        |   |                                    |
|   | 8              |        | The error that occurred was in a counter (a software algorithm) used to   | reserve                            |
|   | 9              |        | CAMA PSAP trunk members. The counter reached a limit within the   | software                           |
|   | 10             |        | preventing calls that had entered the Englewood IP selective router fro   | m being                            |
|   | 11             |        | delivered. This counter is used for CAMA PSAPs but not IP PSAPs.  | For an IP                          |
|   | 12             |        | PSAP, all calls are presented directly to the Customer Premise Equipm   | ent software                       |
|   | 13             |        | which determines whether or not to accept the call. Since an IP PSAP  | does not use                       |
|   | 14             |        | CAMA trunks, there is no need to use a software algorithm (counter) t   | o reserve those                    |
|   | 15             |        | trunks.   |                                    |
|   | 16             |        |   |                                    |
|   | 17<br>18<br>19 | Q.     | Please describe what Intrado has done as a result of the outage to othere will not be a reoccurrence of this nature.                            | ensure that                        |
|   | 20             | A.     | Multiple changes have been implemented within Intrado's systems:  |                                    |
|   | 21<br>22       | •      | More actionable alarm text was created for each place in the software   | code where an                      |
|   | 23             |        | alarm could be generated. (Completed September 2014).   |                                    |
|   | 24             | ٠      | The PTM counter range used for reserving a PSAP CAMA trunk has b  |                                    |
|   | 25             |        | to a range of two billion for each ECMC. At the rate that the counter i   | -                                  |
|   | 26             |        | incremented (620,000 per day per ECMC), this range would not be exl   |                                    |
|   | 27             |        | 269 years. Additionally, this counter is only used for CAMA PSAPs.  | The number                         |
|   | 28             |        | of CAMA PSAPs is decreasing, not increasing.  | •, •                               |
|   | 29<br>20       | ٠      | The PTM counter values are being monitored on a daily basis and such will continue until the architecture is modified to remove this algorithm. |                                    |
|   | 30             | BEAICI | will continue until the architecture is modified to remove this algorithm<br>ED 10/27/2015  | 11.                                |
| I |                |        | URYLINKJOINT TESTIMONY  |                                    |
|   |                |        |   | oit No. <del>JT<u>CTL</u>-1T</del> |
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|   |                |        |   |                                    |

| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15                      | •  | An enhanced alarming system has been implemented with a specific, identifiable<br>alarm for the moment when the PTM counter threshold is reached.<br>A new alarm was created based upon percentage of successful calls processed on a<br>given ECMC compared to total calls for that ECMC over a 15 minute sample period.<br>(Completed November 2014).<br>Upon experiencing an unexpected error during call setup at an ECMC, the call is sent<br>to the other ECMC for processing. (Completed November 2014).<br>The Media Gateway Controllers were re-configured to distribute roughly 50% of all<br>calls received by each ECMC to the Miami ECMC and roughly 50% of calls to<br>Englewood ECMC. (Completed December 2014).<br>The PTM threshold counter will be eliminated from the ECMC application logic to<br>prevent any chance of an issue in the future. (Planned to be implemented in January<br>2016)   |
|--|----|--|
| 16   | Q. | There were some issues with communications between Intrado and   |
| 17<br>18   |    | CenturyLink during the outage. Please describe what has been done to ensure/improve communications during an outage?   |
| 19<br>20   | A. | In response to this outage, the Network Operations Center (NOC) organizations from   |
| 21   |    | CenturyLink and Intrado have implemented the following:  |
| 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34<br>35<br>36<br>37<br>38 | •  | New service level agreements were developed to drive speed of response during<br>incidents. Key measures include Intrado calling CenturyLink's Network Operations<br>Center (NOC) within 10 minutes of the discovery of a high severity incident.<br>Implementation of electronic "trouble ticket" sharing between CenturyLink and<br>Intrado is currently underway (expected in November 2015).<br>Clear communication protocols have been established between organizations to<br>improve troubleshooting processes. This includes the use of a conference bridge for<br>joint troubleshooting during incidents.<br>Escalation paths were clarified and rosters of managers-on-duty are shared between<br>the companies to facilitate escalations as needed.<br>New processes were implemented to speed the implementation of PSAP<br>abandonments and the mitigation of issues.<br>The Intrado and CenturyLink NOC organizations meet monthly to discuss the team's<br>joint performance in achieving all Service Level Agreements and plans for future<br>improvement. |
| 39<br>40<br>41   | Q. | Are there other things that Intrado has done to improve the reliability of the 911 system/balance traffic, etc.?   |

| 1                             | А. | The April 2014 incident was related to a software issue. As a result, Intrado has   |
|-------------------------------|----|---|
| 2                             |    | worked to make changes to our ongoing change management processes for software  |
| 3                             |    | changes to reduce future risks. Intrado has implemented the use of clear  |
| 4                             |    | maintenance windows during low volume call times for any core software upgrades,  |
| 5                             |    | strengthened risk assessments prior to any system changes, and improved   |
| 6                             |    | communication between CenturyLink and Intrado during software change events.  |
| 7<br>8<br>9<br>10<br>11<br>12 | Q. | The PTM counter was an issue in the April 2014 outage, and there is a condition<br>in the Settlement Agreement that addresses quarterly reporting on the PTM<br>counter. Can you please describe what Intrado's plans are regarding the PTM<br>counter? |
| 12                            | A. | In the future, the software platform used by Intrado's ECMC database will be  |
| 14                            |    | upgraded to eliminate the need for a PTM counter. Information regarding trunk   |
| 15                            |    | usage will be shared between the ECMC's in Englewood and Miami using a new  |
| 16                            |    | shared memory application. This application will assign a flag to each call path as   |
| 17                            |    | each ECMC places it into service. This flag will then be communicated to the other  |
| 18                            |    | ECMC via a shared memory application. This new process of assigning the flag will   |
| 19                            |    | eliminate the need for a counter at each site, and prevent any recurrence of issues   |
| 20                            |    | with the threshold counter range hitting a limit. As a result, there will no longer be a  |
| 21                            |    | threshold counter value to report.  |
| 22                            |    |   |
| 23                            | Q. | Does this conclude your testimony in support of the Settlement Agreement?   |
| 24                            | A. | Yes.  |
| 25                            |    |   |

## 1 TESTIMONY OF STACY HARTMAN

| 2              | Q. | Please state your name and describe your responsibilities with CenturyLink?   |
|----------------|----|---|
| 3              | A. | My name is Stacy Hartman and I am a Director in the Public Policy organization at                                   |
| 4              |    | CenturyLink. I have over 15 years of experience in the communications industry                                      |
| 5              |    | with CenturyLink and its predecessor companies. I currently represent CenturyLink                                   |
| 6              |    | as the subject matter expert for regulatory reporting requirements in connection with                               |
| 7              |    | network reliability, outage reporting, and 911 related issues. As well, for these                                   |
| 8              |    | issues, I serve as the single point of contact for the FCC.   |
| 9              |    |   |
| 10             |    | FCC Compliance Reports and Compliance Officer   |
| 11<br>12<br>13 | Q. | What terms have the Parties agreed to regarding FCC compliance reports and the designation of a compliance officer? |
| 13             | A. | Under the Company's consent decree with the FCC, CenturyLink is required to file                                    |
| 15             |    | compliance reports with that agency. The settling parties have agreed that  |
| 16             |    | CenturyLink will file copies of those reports with Staff when they are provided to the                              |
| 17             |    | FCC. CenturyLink has also agreed to designate a compliance officer who will be                                      |
| 18             |    | responsible for monitoring the Company's compliance with the terms of this  |
| 19             |    | Settlement Agreement.   |
| 20             |    |   |
| 21             |    | Technical Commitments   |
| 22<br>23<br>24 | Q. | What technical commitments are being made by CenturyLink under the Settlement Agreement?                            |
| 24<br>25       | A. | CenturyLink will provide three types of reports on various intervals pursuant to the                                |
| 26             |    | Settlement Agreement.   |

| 1              |               |   |
|----------------|---------------|---|
| 2              |               | First, CenturyLink will make quarterly reports regarding the PSAP trunk member                    |
| 3              |               | (PTM) threshold counter. The counter is what caused the April 2014 outage when it                 |
| 4              |               | reached its predetermined capacity. CenturyLink has committed that until all                      |
| 5              |               | Washington PSAPs have completed the transition to Next Generation 911 (NG911),                    |
| 6              |               | CenturyLink will submit to Staff quarterly reports detailing (1) the maximum                      |
| 7              |               | number of messages the Company's PTM threshold counter can process; (2) the                       |
| 8              |               | frequency of manual review (e.g., daily, weekly, monthly); and (3) the counter value              |
| 9              |               | as of the reporting date.   |
| 10             |               |   |
| 11             |               | Second, until all Washington PSAPs have completed the transition to NG911,                        |
| 12             |               | CenturyLink will: (1) annually perform a 911 Circuit Diversity Audit as outlined in               |
| 13             |               | the FCC's Report and Order in PS Docket No. 13-75, issued on December 12, 2013                    |
| 14             |               | (FCC 13-158); and (2) report the Washington-specific results to Staff.                            |
| 15             |               |   |
| 16             |               | Finally, until all Washington State PSAPs have completed the transition to NG911,                 |
| 17             |               | CenturyLink will submit to Staff annual IP transition status reports which will detail            |
| 18             |               | which Washington PSAPs have converted to NG911 and when those conversions                         |
| 19             |               | took place.   |
| 20             |               |   |
| 21<br>22<br>23 | Q.            | Please describe the portions of the Settlement Agreement that are within your areas of expertise. |
| 23<br>24       | A.            | I am most familiar with the requirements in the Settlement Agreement that are                     |
| 25             | BEAR          | related to the Consent Decree with the FCC as well as the FCC's 911 reliability SED 10/27/2015    |
|                | CENT<br>IN SU | URYLINKJOINTTESTIMONYPPORT OF SETTLEMENTExhibit No. JTCTL-1Tt UT-140597Page 11                    |

| 1  | rules. Requirements under the Consent Decree include the designation of a               |
|----|---|
| 2  | compliance officer, the compliance plan, and the submission of periodic compliance      |
| 3  | reports.  |
| 4  |   |
| 5  | The compliance reports to be provided to WUTC under the Settlement Agreement            |
| 6  | are the same as those that will be provided to the FCC under paragraph 13 of the        |
| 7  | FCC Consent Decree. Under the Consent Decree, each Compliance Report is                 |
| 8  | required to include a detailed description of CenturyLink's efforts during the relevant |
| 9  | period to comply with the terms and conditions of the Consent Decree and the FCC's      |
| 10 | rules regarding 911 service reliability and outage notification. At a minimum, each     |
| 11 | Compliance Report is required to address the following:                                 |
| 12 | 1) Efforts to proactively manage the risk of 911 outages through actions to             |
| 13 | Identify, Protect, Detect, Respond, and Recover, as discussed in the Consent            |
| 14 | Decree.   |
| 15 | 2) Specific outage detection mechanisms and failure alarms implemented under            |
| 16 | CenturyLink's Compliance Plan, including an explanation of any other                    |
| 17 | measures implemented or proposed to better detect a 911outage of similar                |

18 scope and duration to the April 2014 outage.

- Proactive planning for PSAP outage notification, including any changes or
   improvements to CenturyLink's Operating Procedures made as a result of
   discussions with PSAPs.
- 4) Summary information regarding any information-sharing agreements with
  subcontractors reviewed or revised under the Consent Decree.

| 1      |    |   |
|--------|----|---|
| 23     | Q. | Please describe the requirement that CenturyLink report the results of the FCC's 911 diversity audit? |
| 4<br>5 | A. | As part of the FCC's 911 reliability rules, the FCC requires Covered 911 Service                      |
| 6      |    | Providers, including CenturyLink, to annually perform 911 diversity audits as                         |
| 7      |    | outlined in the FCC's Report and Order in PS Docket No. 13-75, issued on                              |
| 8      |    | December 12, 2013 (FCC 13-158). Specifically, Covered 911 Service Providers are                       |
| 9      |    | required to:  |
| 10     |    | • Audit critical 911 circuits annually to ensure physical diversity,                                  |
| 11     |    | • Tag critical 911 circuits to minimize risk of reconfiguration (tagging can be                       |
| 12     |    | physical or computerized/database-driven), and  |
| 13     |    | • Ensure no single points of failure between the Selective Router, Automatic                          |
| 14     |    | Location Identification/Automatic Number Identification (ALI/ANI)                                     |
| 15     |    | database, or equivalent NG911 component, and the Central Office serving the                           |
| 16     |    | PSAP; if the single point(s) of failure are not eliminated, then describe                             |
| 17     |    | alternate paths taken.  |
| 18     |    | Covered 911 Service Providers will file their initial certification on October 15,                    |
| 19     |    | 2015, which will include information detailing at least 50% of the company's critical                 |
| 20     |    | 911 circuits. The first full (i.e., 100%) certification is due on October 15, 2016 and                |
| 21     |    | 100% certification is due annually thereafter (i.e., October 15, 2017, October 15,                    |
| 22     |    | 2018, etc.).  |
| 22     |    |   |

23

| 1<br>2<br>3 | Q. | The Settlement Agreement also requires CenturyLink to report on the IP transition and the threshold counter? |
|-------------|----|--|
| 5<br>4      | A. | Yes. The reports on IP transition will be provided to Staff annually, and will                               |
| 5           |    | describe which PSAPs have converted to NG911, and when that conversion took                                  |
| 6           |    | place. This will allow the Staff to monitor the status of NG911 conversion and                               |
| 7           |    | provide insight into how far along the state is in terms of full conversion.                                 |
| 8           |    |  |
| 9           |    | The threshold counter issue has been discussed in Mr. Betsch's testimony. That                               |
| 10          |    | provision is most likely moot due to architecture changes that will eliminate the                            |
| 11          |    | counter in January 2016. However, if that modification is delayed for any reason,                            |
| 12          |    | the provision will require quarterly reports until the counter is eliminated.                                |
| 13          |    | CenturyLink will coordinate with Intrado to obtain and report that information as                            |
| 14          |    | required.  |
| 15          |    |  |
| 16          |    | VI. CONCLUSION   |
| 17          | Q. | What is your overall recommendation in this case?  |
| 18          | A. | We believe that the Settlement Agreement represents a reasonable resolution to the                           |
| 19          |    | Complaint in this case. The Settlement Agreement is in the public interest and we                            |
| 20          |    | request that the Commission issue an order approving the Settlement Agreement.                               |
| 21          |    |  |
| 22          | Q. | Does this conclude your Joint Testimony?   |
| 23          | A. | Yes.   |