

## ***Network Disclosure Announcement No. 533***

Public Notice of Network Change(s), Pursuant to CFR 47, subsections 51.325 - 51.335.  
Qwest's Internet address: <http://www.qwest.com/disclosures>.

### **Call Event and Management Signaling Service (CEMSS) Updated 10-09-09**

**First Implementation Date:** **1<sup>st</sup> Quarter 2007** (no earlier than March 30, 2007)

Original Date Posted:

November 28, 2005

#### **Replacement to Network Disclosure News #526**

**Summary:**

This disclosure announces Qwest plans to deploy a Call Event and Management Signaling Service (CEMSS) starting March 30, 2007. Some of the interface specifications were announced in Network Disclosure #526 and are reiterated below as this document completely replaces #526. This service is a new offering in the Qwest network that facilitates wholesale access to new and existing basic network services.

CEMSS offers a mediated service interface between Qwest regulated basic services and enhanced services (wholesale) providers that seek to use services supported on the CEMSS interface. CEMSS functions in conjunction with specific Qwest Advanced Intelligent Network (AIN) and network switch based services offered only on Nortel DMS100 and Lucent 5ESS switches. CEMSS can be utilized by enhanced service providers to receive notification of certain local PSTN (switch) call events, and invoke call control operations on Qwest switches. CEMSS also functions to manage end user voice services parameter settings and updates through data messaging between the CEMSS interface and enhanced service provider applications. CEMSS Call Control is based upon specific sections of the Parlay Group's specification (Parlay Framework and Parlay Multi Party Call Control -MPCC).

Service Parameter settings and updates are based on a Common Object Request Broker Architecture (CORBA) based Qwest custom message set.

#### **Locations and**

#### **Timing of Deployment:**

**CEMSS interacts with a Complimentary Network Service (CNS), CEMSS Subscriber which is tariffed in 9 states (Arizona, Colorado, Idaho, Montana, New Mexico, Oregon, Utah, Washington, Wyoming) and is accessible via the CEMSS gateway located in Denver, Colorado.**

**\*As of December 15<sup>th</sup>, 2008 CEMSS Subscriber will also be tariffed and accessible via the Denver CEMSS gateway in 5 additional states including Iowa, Minnesota, North Dakota, South Dakota and Nebraska.**

#### **Interface Requirements:**

Technical information about Qwest's Call Event and Management Signaling Service (CEMSS) is contained in the following industry references:

The CEMSS Call Control interface is based upon selected portions of the following European Telecommunications Standards Institute and Parlay Group - ESTI / Parlay 4.1 Open Services Access (OSA) Application Programming Interface (API) specifications:

*ETSI ES 202 915-3 V1.2.1 Part 3: Framework*

*ETSI ES 202 915-4-3 V1.2.2 Part 4: Call Control; Sub-part 3: Multi-Party Call Control SCF*

*Qwest CEMSS uses only specific portions of the Parlay documents referenced above.*

The Parlay 4.1 specifications (*including Part 3: Framework and MPCC*) are available at no charge from the following web site: <http://www.parlay.org/specs/index.asp>

Parlay 4.1 is structured on Common Object Request Broker Architecture /Internet –inter –ORB Protocol (IIOP). Reference at [www.omg.org/technology/documents](http://www.omg.org/technology/documents)

CEMSS voice service parameter update interface is based upon a CORBA-based Qwest custom message set with authentication and registration mechanisms similar to those used for CEMSS call control.

**Additional Information:**

Equipment vendors/manufacturers or enhanced services providers desiring technical information in conjunction with this notification may contact:

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