Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of Filing and Review of Open Network Architecture Plans	)))	CC Docket No. 88-2

FILED/ACCEPTED

APR 15 2011

Federal Communications Commission
Office of the Secretary

APRIL 15, 2011 ANNUAL ONA REPORT OF QWEST CORPORATION

I. INTRODUCTION

As part of the Federal Communications Commission's ("Commission") ongoing Open Network Architecture ("ONA") proceedings, the Commission has imposed certain reporting requirements on the former Bell Operating Companies ("BOC").[1]

In the BOC ONA Further Amendment Order, the Commission included an Appendix B, in which it stated -- in a summary fashion -- the requirements for BOC April 15 annual filings.[2] For ease of the Commission's reference, Qwest Corporation[3] ("Qwest") has chosen to follow the outline in Appendix B in providing its responses.

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[1] *In the Matter of Filing and Review of Open Network Architecture Plans*, Memorandum Opinion and Order, 6 FCC Rcd. 7646, 7649-50 ¶ 4, n.8 (1991) ("*BOC ONA Further Amendment Order*," *appeal dismissed sub nom. MCI v. FCC*, No. 92-70189 (9th Cir. Dec. 13, 1993); and Memorandum Opinion and Order on Reconsideration, 8 FCC Rcd. 97, 100-01 ¶ 18 (1993) ("*OSS Order*"); *In the Matter of Revision of ARMIS USOA Report (FCC Report 43-02) for Tier 1 Telephone Companies and Annual Report Form M*, Memorandum Opinion and Order, 8 FCC Rcd. 2535, 2536 ¶ 10 (1993) ("*Network Evolution Order*").

[2] This format was originally suggested with regard to BOC ONA Plan Amendments due April 15, 1992. *See BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7649-50 ¶ 4, n.8, 7677-79, Appendix B.

[3] Qwest Communications International Inc. ("QCII") is the parent company of Qwest Corporation ("Qwest"). On April 1, 2011, QCII became a wholly owned subsidiary of CenturyLink.

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II. COMMISSION REPORTING REQUIREMENTS

The Commission requires each BOC to report on the following, initially by April 15, 1992, and on or before April 15 annually thereafter:

Requirement:
"(1) Annual projected deployment schedules for its ONA services by type of ONA service (BSA [Basic Service Arrangement], BSE [Basic Service Element], CNS [Complementary Network Service], or ANS [Ancillary Network Service]) in terms of percentage of access lines served system-wide and by market-area. The April 15, 1992 report should cover the years beginning July 1, 1993, 1994, and 1995. Subsequent reports should cover the three year period for the three corresponding future years."[4]

Response:
Attached hereto as Appendix A are the deployment schedules for ONA Services which covers the year as of December 31, 2010, as well as projected deployment schedules for future years as of December 31, 2011, December 31, 2012, and December 31, 2013.

Requirement:
"(2) New ONA service requests from ESPs [Enhanced Service Providers] and their disposition, and disposition of ONA service requests that have previously been designated for further evaluation."[5]

Response:
Qwest herein reports on the disposition of the ONA service requests received through our 120-day process, using the following classifications:[6]

Category 1 – Developed: The requested service has been developed and is available (or will be available upon tariff approval).

Category 2 -- Under Development: The requested service is under development, and will be available, generally within one year of response.

Category 3 -- Further Evaluation Planned: The requested service is not currently available (generally due to technological reasons), but conditions may develop which could change its status. The request will be reevaluated within a time frame specified in Qwest's response to the ESP. Qwest will also identify activities and milestones being

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[4] *See BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7677, Appendix B; *OSS Order*, 8 FCC Rcd. at 100-1 ¶ 18.

[5] *See BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7677, Appendix B.

[6] This classification model has been used in Qwest's Annual ONA Reports since 1993.

pursued, if appropriate, to meet the request. Such activities might include formal and informal technical research, market research, etc.

Category 4 -- Pending Evaluation: The request is currently being evaluated within the 120-day request cycle.

Category 5 – No Further Activity Planned: The request cannot be met for the reason specified in Qwest's response to the ESP (e.g., not an ONA request), or the requesting party cancels the request or chooses no further activity at any time during the process.[7]

Qwest has not received any requests through the 120-day process since 2004. There are no services previously designated as Category 3 that are unresolved.

Requirement:
"(3) Those ONA service requests previously deemed technically infeasible, and their disposition."[8]

Response:
In this filing, Qwest provides an update of those ESP requests that had been deemed "Technically Infeasible" in the April 15, 2010 Qwest Annual ONA Report.[9] Forty-one requests continue to be categorized as "Technically Infeasible." The status of the forty-one original ONA service requests currently categorized as "Technically Infeasible" is provided as Appendix B to this filing.

Service requests showing the current status of "Remains Classified as Future" include both those that are "Technically Infeasible" as well as those that fail to meet other aspects of the four Commission-established criteria for ONA services, *i.e.*, market demand, utility as perceived

[7] Qwest has stated that "the following criteria are used to determine whether or not an ESP has proffered a 'complete' request: customer name, contact name, address, telephone number, and date of request; description of desired network capability and utility to ESP or its customer or both; clarification if service is a modification to an existing service; if desired capability exists in another BOC, name of BOC and name of service; desired feature operation; service which will be supported by a new capability (enhanced service offering/application), drawing/illustration of telephone network interaction with desired capability and enhanced service it supports; traffic characteristics of the feature; location life of feature (short/long-term solution); market demand estimates and whether a nondisclosure agreement is requested; location where a feature is desired (states, metropolitan area, wire centers)." See Qwest's Apr. 15, 1992 Annual ONA Report at 10.

[8] *BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7678, Appendix B.

[9] *Id.* at Appendix B.

by ESPs, and technical and costing feasibility.[10] Qwest continues to work with requesting ESPs, equipment manufacturers, and the Network Interconnectivity Interoperability Forum ("NIIF"), to meet those requests that satisfy the criteria for ONA services.

Requirement:
"(4) SS7, ISDN, and IN projected deployment in terms of percentage of access lines served system-wide and on a market-area basis. SS7 data should be reported by TR 317 and TR 394, ISDN data by BRI and PRI, and IN data by release number or other designation by type."[11]

Response:
Included at Appendix C to this filing is Qwest's deployment report for SS7, ISDN, and IN technologies. This report reflects projected deployment of the percentage of access lines by market area and on a system-wide basis that will have access to SS7, ISDN, and IN technologies. This information is based on current Qwest plans, and reflects projected deployment as of December 31, 2011, December 31, 2012, and December 31, 2013. In addition, actual deployment figures as of December 31, 2010 are reported.

Requirement:
"(5) New ONA services available through SS7, ISDN, and IN, and plans to provide these services."[12]

Response:
IN: In 2010, Qwest did not deploy any new IN services.

SS7: In 2010, Qwest did not deploy any new SS7 ONA services.

ISDN: In 2010, Qwest did not deploy any new ISDN ONA services.

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[10] *See In the Matters of Amendment of Sections 64.702 of the Commission's Rules and Regulations (Third Computer Inquiry), Report and Order*, 104 FCC 2d 958, 1065-66 ¶ 217 (1986) ("*Phase I Order*").

[11] *BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7678, Appendix B.

[12] *Id.*

Requirement:
"(6) Progress on the efforts in the IILC [Information Industry Liaison Committee] on continuing activities for the implementation of service-specific and long-term uniformity issues."[13]

Response:
There are no remaining unresolved issues as of 1999.

Requirement:
"(7) Progress in providing billing information including BNA [Billing Name and Address], line-side CNI, or possible CNI alternatives, and call detail service to ESPs."[14]

Response:
The Commission finds in its *BOC ONA Further Amendment Order* that the BOCs have made progress in providing billing information services to ESPs, and also in working through the NIIF to define ESP needs for billing information. However, the Commission requires the BOCs to continue to report progress in this area to assure that ESPs have access to billing information they need.

Qwest described in its previous Annual ONA Reports to the Commission, numerous and widely-available services offered by Qwest that provide information that ESPs might find useful to bill their customers.[15] Available services that provide ESPs and other customer's call-related information helpful for billing purposes include:

- Caller Identification-Number ("ICLID") provides the calling party's directory number at the time the call is received. This service requires that both the

[13] *Id.*

[14] *Id.*

[15] *See* U S WEST's Apr. 15, 1992 Annual ONA Report at 23-26; U S WEST's Apr. 15, 1993 Annual ONA Report at 16-17; U S WEST's Apr. 15, 1994 Annual ONA Report at 12-14; U S WEST's Apr. 15, 1995 Annual ONA Report at 11-13; U S WEST's Apr. 15, 1996 Annual ONA Report at 9-11; U S WEST's Apr. 15, 1997 Annual Report at 7-9; U S WEST's Apr. 15, 1998 Annual ONA Report at 7-10; and U S WEST's Apr. 15, 1999 Annual ONA Report at 7-10; U S WEST's Apr. 15, 2000 Annual ONA Report at 13-15; Qwest's Apr. 15, 2001 Annual ONA Report at 11-14; Qwest's Apr. 15, 2002 Annual ONA Report at 10-11, Qwest's Apr. 15, 2003 Annual ONA Report at 9-10, Qwest's Apr. 15, 2004 Annual ONA Report at 10-12, Qwest's Apr. 15, 2005 Annual ONA Report at 10-12, Qwest's Apr. 15, 2006 Annual ONA Report at 10-12; Qwest's Apr. 15, 2007 Annual ONA Report at 9-11, Qwest's Apr. 15, 2008 Annual ONA Report at 9-10, Qwest's Apr. 15, 2009 Annual ONA Report at 5-7, Qwest's Apr. 15, 2010 Annual ONA Report at 7.

originating and terminating central office switches be equipped with and interconnected by SS7.

- Called Identification-Bulk ("BCLID") provides the calling party's directory number at the time the call is received *via* a 1200-baud private line circuit. As with ICLID, this service requires that both the originating and terminating central office switches be equipped with and interconnected by SS7.

- Calling Name Delivery available to ISDN PRI subscribers, allows for the delivery of the calling party's name, as well as the calling party's number. The customer must have CPE that will display the calling name.

- Redirecting Name Delivery available to ISDN PRI subscribers, allows the name and number of the original caller and the last redirecting number to be displayed after a call has been redirected via a call forwarding feature. The customer must have CPE that will display the redirecting name and number.

- Message Delivery Service transmits calling number, called number, and the reason for forwarding a call (such as busy/don't answer) on forwarded intra-office calls. Call information is transmitted pertaining to all incoming calls to an ESP's multi-line hunt group through a SMDI data link (private line) between the central office switch and the ESP's premise.

- Message Delivery Service Interoffice provides the same call-related data as MDS, but on an interoffice basis using SS7 technology, rather than dedicated SMDI links from the ESP to each central office served.

- ANI-Circuit Switched Trunkside Option 1/FG-B like delivers the seven-digit billing number of the calling party *via* the equal access signaling protocol.

- ANI-Circuit Switched Trunkside Option 3/FG-D like delivers the 10-digit billing number of the calling party *via* the equal access signaling protocol.

- Network Access Service provides call detail from the originating office when a unique NXX code is dialed. Call detail currently includes calling and called number; message date and connect and disconnect time; and billing name, address and phone number. Call detail is delivered to the subscriber on paper or magnetic tape. Only intraLATA calls can be provided with call detail.

- Access Service Billing Information provides the subscriber with a data record of all calls made to its access port or telephone number. The detail record will vary depending upon whether the call is made in a packet or circuit switch environment, and will be delivered on a magnetic tape.

- ANI Order Entry provides the ANI of the ESP client, along with the called number. This information is forwarded via a private line data link.

- Billing Name and Address ("BNA") is available to any telecommunications provider, including ESPs, and can be used only in conformity with 47 C.F.R. § 64.1201.

Requirement:
"(8) Progress in developing and implementing OSS services and ESP access to those services."[16]

Response:
Qwest has described in previous filings a variety of services that meet customers' network management needs.[17] The services provide an array of network management capabilities. Services currently available that provide customers with network reconfiguration abilities or performance and traffic data include:

- Self-Healing Network Service ("SHNS") has self-healing capability and alternate routing via ring topology as standard features.

- Command A Link allows customers to reconfigure and remotely manage their private line networks and is available on Analog Private Line, Digital Data Service and DS1/DS3 Private Line Service.

- Numerous Qwest Networking Services, such as Frame Relay and Switched Multi-Megabit Data Service ("SMDS"), which contain inherent performance monitoring elements as part of the service.

- Electronic bonding capability *via* a Mediated Access Gateway ("MEDIACC") that allows ESPs and others access to certain OSS capabilities, such as Trouble Administration ("TA").

- Centrex services which provide standard and optional features that can be added, deleted, and changed by the customer; and that provide call data on Centrex lines.

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[16] *See BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7678, Appendix B.

[17] *See* U S WEST's Apr. 15, 1992 Annual ONA Report at 27-30; U S WEST's Apr. 15, 1993 Annual ONA Report at 18-19; U S WEST's Apr. 15, 1994 Annual ONA Report at 14-16; U S WEST's Apr. 15, 1995 Annual ONA Report at 13-15; U S WEST's Apr. 15, 1996 Annual ONA Report at 11-13; U S WEST's Apr. 15, 1997 Annual ONA Report at 9-11; U S WEST's Apr. 15, 1998 Annual ONA Report at 10-11; U S WEST's Apr. 15, 1999 Annual ONA Report at 10-11; U S WEST's Apr. 15, 2000 Annual ONA Report at 15-16; Qwest's Apr. 15, 2001 Annual ONA Report at 14-15; Qwest's Apr. 15, 2002 Annual ONA Report at 12, Qwest's Apr. 15, 2003 Annual ONA Report at 10-11, Qwest's Apr. 15, 2004 Annual ONA Report at 12-13, Qwest's Apr. 15, 2005 Annual ONA Report at 12-13; Qwest's Apr. 15, 2006 Annual ONA Report at 12-13; Qwest's Apr. 15, 2007 Annual ONA Report at 12-13, Qwest's Apr. 15, 2008 Annual ONA Report at 10, 2009 Annual ONA Report at 7, 2010 Annual ONA Report at 7.

Requirement:
"(9) Progress on the uniform provision of OSS services."[18]

Response:
Qwest has committed in previous filings to "continue to work with ESPs, ESP industry groups, and the former IILC, now the NIIF, to better define specific ESP needs/market demands and to work towards uniformity of product and operational standards" with regard to OSS development and deployment.[19]

Qwest continues to support and is actively involved in the development of industry standards for Electronic Bonding and Electronic Communication. Qwest is involved in the Electronic Data Interchange ("EDI"), Service Order, Telephone Billing Work Group and Bar Coding sub-committees. These committees establish industry guidelines and service order transactions standards for network telecommunications services.

Requirement:
"(10) List of BSEs used in the provision of BOC's own enhanced services."[20]

Response:

Qwest is currently utilizing the following BSEs in the provisioning of its enhanced services:

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[18] *See BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7678, Appendix B.

[19] *See* U S WEST's Apr. 15, 1992 Annual ONA Report at 31; U S WEST's Apr. 15, 1993 Annual ONA Report at 20; U S WEST's Apr. 15, 1994 Annual ONA Report at 16-17; U S WEST's Apr. 15, 1995 Annual ONA Report at 15-16; U S WEST's Apr. 15, 1996 Annual ONA Report at 13-14; U S WEST's Apr. 15, 1997 Annual ONA Report at 11-12; U S WEST's Apr. 15, 1998 Annual ONA Report at 11-12; U S WEST's Apr. 15, 1999 Annual ONA Report at 11-12; U S WEST's Apr. 15, 2000 Annual ONA Report at 16-17; Qwest's Apr. 15, 2001 Annual ONA Report at 15-16; Qwest's Apr. 15, 2002 Annual ONA Report at 13, Qwest's Apr. 15, 2003 Annual ONA Report at 11-12, Qwest's Apr. 15, 2004 Annual ONA Report at 13-14, Qwest's Apr. 15, 2005 Annual ONA Report at 13-14, Qwest's Apr. 15, 2006 Annual ONA Report at 13-14; Qwest's Apr. 15, 2007 Annual ONA Report at 13-14, Qwest's Apr. 15, 2008 Annual ONA Report at 13-14, Qwest's Apr. 15, 2009 Annual ONA Report at 8, Qwest's Apr. 15, 2010 Annual ONA Report at 8.

[20] *BOC ONA Further Amendment Order*, 6 FCC Rcd. at 7678, Appendix B.

Audiotex Services: Call Transfer, Called Directory Number Delivery ("CDND") ("DID")[21] and Hunting.

Cyber Voice Direct: Multiplexing.

Electronic Messaging Services: Access Service Billing Information, Alternate Traffic Routing, ANI (FG-B), ANI (FG-D), Backup/Redirection, Bridging, CDND (DID), Calling Name Delivery (ISDN PRS), Closed User Group (CUG), CUG Incoming Access Barred (Packet), CUG Outgoing Access Barred (Packet), Command A Link, DID Trunk Queuing and Basic Announcement, Fast Select Acceptance, Fast Select Request, Flow Control Parameters (Packet), Improved Transmission Performance, Interface Group 6, Logical Channel (Packet), Logical Channel Layout (Packet), Message Delivery Service (SMDI), Message Delivery Service (Act Audio), Message Delivery Service – MWI Act-Audio, Message Delivery Service (Act Video), Message Delivery Service – MWI Act-Visual, Message Delivery Service – MWI Act-Visual Expanded, Message Delivery Service Interoffice (MDSI), Multiple Network Addresses (Packet), Multiple Port Hunt Group, Multiplexing, Nonstandard Window Size (Packet), Permanent Virtual Circuit (Packet), Redirecting Name Delivery (ISDN PRS), Reverse Charge Acceptance, Reverse Charge Option (Packet), and Uniform Call Distribution.

Enhanced DA: Operator Services Automatic Call Distribution.

Enhanced Facsimile Services: CDND (DID), Hunting, Message Delivery Service (SMDI), Message Delivery Service (Act Audio), Message Delivery Service – MWI Act-Audio, Message Delivery Service (Act Video), Message Delivery Service – MWI Act-Visual, Message Delivery Service – MWI Act-Visual Expanded, Message Delivery Service Interoffice (MDSI), and Private Line Conditioning.

[21] In some of our states, CDND is a BSE. In others, it is considered an integral component of the BSA, DID.

Integrated Management: Ethernet Ports Over SONET (EPOS).

Next Generation 9-1-1: Access to 9-1-1 Caller's Information, Universal Emergency Number Service 9-1-1.

On-Line Database Access Services: Call Event and Management Signal Service (CEMSS), Call Transfer, CDND (DID), Calling Name Delivery, Hunting, Message Delivery Service (SMDI), Message Delivery Service (Act Audio), Message Delivery Service – MWI Act-Audio, Message Delivery Service (Act Video), Message Delivery Service – MWI Act-Visual, Message Delivery Service – MWI Act-Visual Expanded, Message Delivery Service Interoffice (MDSI), and Redirecting Name Delivery.

Voice Messaging Services: Call Transfer, Command A Link, Hunting, Market Expansion Line, Message Delivery Service (SMDI), Message Delivery Service (Act Audio), Message Delivery Service – MWI Act-Audio, Message Delivery Service (Act Video), Message Delivery Service – MWI Act-Visual, Message Delivery Service – MWI Act-Visual Expanded, Message Delivery Service Interoffice (MDSI), and Traffic Data Report Service.

Requirement:

"(11) Each BOC must file the first annual report on the unbundling of new technologies by July 15, 1993. Thereafter, each BOC must file this annual report by April 15 of each year with other annual reports required by the *BOC ONA Further Amendment Order*."[22]

Response:

Qwest herein describes for the Commission our efforts with regard to the creation of services as a result of certain technologies which are of interest to the Commission.

IN: Qwest provides the following IN services: Custom Route, Select Call Routing, Remote Access Forwarding, Scheduled Forwarding, Call Forward by Calling Number, Government Emergency Telecommunications Service, Continuous Redial Deluxe, Business

Continuation Routing, Call Curfew, Dial Lock, No Solicitation, Do Not Disturb, Privacy Plus, Number Forwarding, Qwest Call Queuing, Security Screen, Easy Access, and Selective Call Forwarding.

SS7: Qwest provides the following SS7-based services: Message Delivery Service Interoffice, Continuous Redial, Last Call Return, ICLID, BCLID, Call Trace, Call Rejection, Selective Call Forwarding, Priority Call, SS7 Out-of-Band Signaling, and Common Channel Signal Access Capability.

ISDN: Qwest provides the following ISDN-based services: ISDN BRI, ISDN PRI (PRS), ISDN Single Line Service, Circuit Switched Data PRS, a data-only PRS option, Calling Name Delivery, and Redirecting Name Delivery.

III. CONCLUSION

As set forth herein, Qwest's 2011 Annual ONA Report is responsive to all Commission Requirements and Orders.

DATED: April 15, 2011

[22] *Network Evolution Order*, 8 FCC Rcd. at 2608 ¶ 10.

APPENDIX A

SUMMARY FOR MARKET AREA: QWEST Total

Percentage Availability of ONA Services By Date for QWEST Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	65.6	65.6	65.6	65.6
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	65.6	65.6	65.6	65.6
BSA	Direct Current (MT3)	Direct Current (MT3)	65.6	65.6	65.6	65.6
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	65.6	65.6	65.6	65.6
BSA	Frame Relay Service	Frame Relay Service	65.6	65.6	65.6	65.6
BSA	ATM Cell Relay Service	ATM Cell Relay Service	65.6	65.6	65.6	65.6
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	100.0	100.0	100.0	100.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	100.0	100.0	100.0	100.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	100.0	100.0	100.0	100.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	100.0	100.0	100.0	100.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	100.0	100.0	100.0	100.0
BSA	C3 TypG - Ded 1.544Mbps	DS1 Service	100.0	100.0	100.0	100.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	100.0	100.0	100.0	100.0
BSA	C4 - Ded Ntwk Accss Link	Analog PLS	100.0	100.0	100.0	100.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	100.0	100.0	100.0	100.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	100.0	100.0	100.0	100.0
BSA	C1 TypA - Ckt Sw Line	Voice Gr Line Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	100.0	100.0	100.0	100.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSA	555 Access Service	555 Access Service	47.1	47.1	47.1	47.1

Percentage Availability of ONA Services By Date for QWEST Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rpts Pkt	Acc Svc Bill Info (pkt)	65.6	65.6	65.6	65.6
BSE	Call Redirection Packet	Backup/Redirection (pkt)	65.6	65.6	65.6	65.6
BSE	Closed User Groups Pkt	Closed User Group (pkt)	65.6	65.6	65.6	65.6
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	65.6	65.6	65.6	65.6
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	65.6	65.6	65.6	65.6
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	65.6	65.6	65.6	65.6
BSE	Menu Acs Trans - Gateway	Community Link	9.8	9.8	9.8	9.8
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	65.6	65.6	65.6	65.6
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	65.6	65.6	65.6	65.6
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	65.6	65.6	65.6	65.6
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	65.6	65.6	65.6	65.6
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	65.6	65.6	65.6	65.6
BSE	Logical Channels-Pkt	Logical Channel (pkt)	65.6	65.6	65.6	65.6
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	65.6	65.6	65.6	65.6
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	65.6	65.6	65.6	65.6
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	65.6	65.6	65.6	65.6
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	65.6	65.6	65.6	65.6
BSE	Calling Name Delivery	Calling Name Delivery	65.6	65.6	65.6	65.6
BSE	Redirecting Name Deliv	Redirecting Name Deliv	65.6	65.6	65.6	65.6
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0	100.0	100.0	100.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	100.0	100.0	100.0	100.0
BSE	Bridging	Bridging	100.0	100.0	100.0	100.0
BSE	Conditioning	Private Line Condition	100.0	100.0	100.0	100.0
BSE	Secondary Ch Capability	Secondary Channel	100.0	100.0	100.0	100.0
BSE	Network Reconfiguration	Command-A-Link	99.7	99.7	99.7	99.7
BSE	Order Entry Service	ANI Order Entry	100.0	100.0	100.0	100.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	100.0	100.0	100.0	100.0
BSE	Multiplexing-Digital	Multiplexing	100.0	100.0	100.0	100.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	100.0	100.0	100.0	100.0
BSE	Traffic Data Reports	Traffic Data Report Svc	100.0	100.0	100.0	100.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	100.0	100.0	100.0	100.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	100.0	100.0	100.0	100.0
BSE	Alternate Routing	Alt Traffic Routing	100.0	100.0	100.0	100.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	38.3	38.3	38.3	38.3
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	100.0	100.0	100.0	100.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSE	Flexible ANI	Flexible ANI	41.3	41.3	41.3	41.3
BSE	Cllg Bllg Num Deliv FG B	Auto Number ID (FGB)	100.0	100.0	100.0	100.0
BSE	Cllg Bllg Num Deliv FG D	Auto Number ID (FGD)	100.0	100.0	100.0	100.0
BSE	Cllg DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Cllg DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	97.1	97.1	97.1	97.1
BSE	Message Desk (SMDI)	Message Delivery Service	48.2	48.2	48.2	48.2
BSE	MWI Activation (Audible)	Message Delivery Service	42.3	42.3	42.3	42.3
BSE	MWI Activation (Visual)	Message Delivery Service	42.3	42.3	42.3	42.3
BSE	Multiline Hunt Group	Hunting	100.0	100.0	100.0	100.0

BSE	MLHG CO Announcements	Uniform Call Distribut'n	91.3	91.3	91.3	91.3
BSE	MLHG Access to Each Port	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG Overflow	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG UCD Line Hunting	Uniform Call Distribut'n	97.1	97.1	97.1	97.1
BSE	MLHG UCD With Queuing	Uniform Call Distribut'n	97.1	97.1	97.1	97.1
BSE	Three Way Call Transfer	Call Transfer	100.0	100.0	100.0	100.0
BSE	Msg Desk Expand (SMDIE)	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Audible) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Visual) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	Op Svcs - Auto Call Dist	Op Svcs - Auto Call Dist	0.0	0.0	0.0	0.0
BSE	Mplx-T1-1.544Mbps-Line	Interface Group 6	100.0	100.0	100.0	100.0
BSE	Remote Call Forwarding	Market Expansion Line	100.0	100.0	100.0	100.0
BSE	Three Way Calling	Three Way Calling	100.0	100.0	100.0	100.0
BSE	Dial Call Waiting	Dial Call Waiting	64.5	64.5	64.5	64.5
BSE	Distinctive Alert	Distinctive Alert	61.7	61.7	61.7	61.7
BSE	Dir Call Pickup w/oBarge	Dir Call PU w/o Barge-In	100.0	100.0	100.0	100.0
BSE	Dir Call Pickup w/Barge	Dir Call PU w/ Barge-In	100.0	100.0	100.0	100.0
BSE	Call Transfer on DID	DID 2-Way Call Transfer	55.8	55.8	55.8	55.8
BSE	Security Screen	Security Screen	0.0	0.0	0.0	0.0
BSE	CEMSS Subscriber	CEMSS Subscriber	0.0	0.0	0.0	0.0
BSE	Univ Em Num Svc 911 Sub	Univ Em Num Svc 911 Sub	100.0	100.0	100.0	100.0
BSE	Access to 911 Callr Info	Access to 911 Callr Info	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for QWEST Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
CNS	Direct Call Packet	Auto Call (Packet)	65.6	65.6	65.6	65.6
CNS	Privacy +	Privacy +	65.6	65.6	65.6	65.6
CNS	Redirecting Num Deliv	Redirecting Num Deliv	65.6	65.6	65.6	65.6
CNS	Calling Name ID	Calling Name ID	65.6	65.6	65.6	65.6
CNS	Versanet	Versanet	65.6	65.6	65.6	65.6
CNS	Automatic Callback	Continuous Redial	0.0	0.0	0.0	0.0
CNS	Automatic Recall	Last Call Return	0.0	0.0	0.0	0.0
CNS	CFBL Intraswitch	Call Fwd'ing Busy Line	100.0	100.0	100.0	100.0
CNS	CFBL Interswitch	Call Fwd Busy Line (Exp)	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Act/Deact	Call Fwd BL, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Fwd To No.	Call Fwd DA, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFDA Intraswitch	Call Fwd'ing Don't Ans	100.0	100.0	100.0	100.0
CNS	CFDA Interswitch	Call Fwd Don't Ans (Exp)	100.0	100.0	100.0	100.0
CNS	CF Mult Sim Call Intersw	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Variable	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Var Act w/o Crtsy Cal	Call Fwd Var w/o Compl	55.8	55.8	55.8	55.8
CNS	CF Var Remote Act/Cntrol	Rem Access Fwd'ing	59.3	59.3	59.3	59.3
CNS	Call Waiting Cancel	Call Waiting	100.0	100.0	100.0	100.0
CNS	Cust Originated Trace	Call Trace	0.0	0.0	0.0	0.0
CNS	Distinctive Ringing	Priority Call	0.0	0.0	0.0	0.0
CNS	Dist Ring Term Screen	Custom Ringing	91.3	91.3	91.3	91.3
CNS	Hot Line	Hot Line	100.0	100.0	100.0	100.0
CNS	MWI ATR Audible Msg Wtg	Msg Wtg Indic'n-Audible	39.5	39.5	39.5	39.5
CNS	MWI ATR Visual Msg Wtg	Msg Wtg Indic'n-Visual	39.5	39.5	39.5	39.5
CNS	Selective Call Forward'g	Selective Call Fwd'ing	0.0	0.0	0.0	0.0
CNS	Selective Call Rejection	Call Rejection	0.0	0.0	0.0	0.0
CNS	Shared Speed Calling	Abbr Acc/Act (1-2 Digit)	97.1	97.1	97.1	97.1
CNS	Speed Calling	Speed Calling (8 No)	100.0	100.0	100.0	100.0
CNS	Warm Line	Warm Line	44.2	44.2	44.2	44.2
CNS	CFDA After CW	Call Waiting	91.3	91.3	91.3	91.3
CNS	CFBL & CFDA Intraswitch	Call Fwd Busy Line/DA	100.0	100.0	100.0	100.0
CNS	Custom Ring'g-CF(future)	Custom Ringing-Call Fwd	0.0	0.0	0.0	0.0
CNS	CFDA To DID Intraswitch	Expanded Answer	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Interswitch	Call Fwd'ing BL/DA (Exp)	100.0	100.0	100.0	100.0
CNS	Speed Calling (30 No)	Speed Calling (30 No)	100.0	100.0	100.0	100.0
CNS	MWI Audible/Visual	MWI ATR Aud/Vis	42.3	42.3	42.3	42.3
CNS	Rm Call Fwd On DID Lines	Call Planner	0.0	0.0	0.0	0.0
CNS	Number Forwarding	Number Forwarding	0.0	0.0	0.0	0.0
CNS	Easy Access	Easy Access	0.0	0.0	0.0	0.0
CNS	Call Queuing	Call Queuing	0.0	0.0	0.0	0.0
CNS	Selective Call Waiting	Selective Call Waiting	0.0	0.0	0.0	0.0
CNS	Wireless Extension	Wireless Extension	0.0	0.0	0.0	0.0

SUMMARY FOR MARKET AREA: PHOENIX - ARIZONA

Percentage Availability of ONA Services By Date for PHOENIX

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	100.0	100.0	100.0	100.0
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	100.0	100.0	100.0	100.0
BSA	Direct Current (MT3)	Direct Current (MT3)	100.0	100.0	100.0	100.0
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	100.0	100.0	100.0	100.0
BSA	Frame Relay Service	Frame Relay Service	100.0	100.0	100.0	100.0
BSA	ATM Cell Relay Service	ATM Cell Relay Service	100.0	100.0	100.0	100.0
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	100.0	100.0	100.0	100.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	100.0	100.0	100.0	100.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	100.0	100.0	100.0	100.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	100.0	100.0	100.0	100.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	100.0	100.0	100.0	100.0
BSA	C3 TypG - Ded 1.544Mbps	DS1 Service	100.0	100.0	100.0	100.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	100.0	100.0	100.0	100.0
BSA	C4 - Ded Ntwk Access Link	Analog PLS	100.0	100.0	100.0	100.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	100.0	100.0	100.0	100.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	100.0	100.0	100.0	100.0
BSA	C1 TypA - Ckt Sw Line	Voice Gr Line Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	100.0	100.0	100.0	100.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSA	555 Access Service	555 Access Service	100.0	100.0	100.0	100.0

Percentage Availability of ONA Services By Date for PHOENIX

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rpts Pkt	Acc Svc Bill Info (pkt)	100.0	100.0	100.0	100.0
BSE	Call Redirection Packet	Backup/Redirection (pkt)	100.0	100.0	100.0	100.0
BSE	Closed User Groups Pkt	Closed User Group (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	100.0	100.0	100.0	100.0
BSE	Menu Acs Trans - Gateway	Community Link	0.0	0.0	0.0	0.0
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	100.0	100.0	100.0	100.0
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	100.0	100.0	100.0	100.0
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	100.0	100.0	100.0	100.0
BSE	Logical Channels-Pkt	Logical Channel (pkt)	100.0	100.0	100.0	100.0
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	100.0	100.0	100.0	100.0
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	100.0	100.0	100.0	100.0
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	100.0	100.0	100.0	100.0
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	100.0	100.0	100.0	100.0
BSE	Calling Name Delivery	Calling Name Delivery	100.0	100.0	100.0	100.0
BSE	Redirecting Name Deliv	Redirecting Name Deliv	100.0	100.0	100.0	100.0
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0	100.0	100.0	100.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	100.0	100.0	100.0	100.0
BSE	Bridging	Bridging	100.0	100.0	100.0	100.0
BSE	Conditioning	Private Line Condition	100.0	100.0	100.0	100.0
BSE	Secondary Ch Capability	Secondary Channel	100.0	100.0	100.0	100.0
BSE	Network Reconfiguration	Command-A-Link	100.0	100.0	100.0	100.0
BSE	Order Entry Service	ANI Order Entry	100.0	100.0	100.0	100.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	100.0	100.0	100.0	100.0
BSE	Multiplexing-Digital	Multiplexing	100.0	100.0	100.0	100.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	100.0	100.0	100.0	100.0
BSE	Traffic Data Reports	Traffic Data Report Svc	100.0	100.0	100.0	100.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	100.0	100.0	100.0	100.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	100.0	100.0	100.0	100.0
BSE	Alternate Routing	Alt Traffic Routing	100.0	100.0	100.0	100.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	18.1	18.1	18.1	18.1
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	100.0	100.0	100.0	100.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSE	Flexible ANI	Flexible ANI	17.5	17.5	17.5	17.5
BSE	Clig Bilg Num Deliv FG B	Auto Number ID (FGB)	100.0	100.0	100.0	100.0
BSE	Clig Bilg Num Deliv FG D	Auto Number ID (FGD)	100.0	100.0	100.0	100.0
BSE	Clig DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Clig DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	99.3	99.3	99.3	99.3
BSE	Message Desk (SMDI)	Message Delivery Service	18.4	18.4	18.4	18.4
BSE	MWI Activation (Audible)	Message Delivery Service	18.4	18.4	18.4	18.4
BSE	MWI Activation (Visual)	Message Delivery Service	18.4	18.4	18.4	18.4
BSE	Multiline Hunt Group	Hunting	100.0	100.0	100.0	100.0

BSE	MLHG CO Announcements	Uniform Call Distribut'n	99.3	99.3	99.3	99.3
BSE	MLHG Access to Each Port	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG Overflow	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG UCD Line Hunting	Uniform Call Distribut'n	99.3	99.3	99.3	99.3
BSE	MLHG UCD With Queuing	Uniform Call Distribut'n	99.3	99.3	99.3	99.3
BSE	Three Way Call Transfer	Call Transfer	100.0	100.0	100.0	100.0
BSE	Msg Desk Expand (SMDIE)	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Audible) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Visual) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	Op Svcs - Auto Call Dist	Op Svcs - Auto Call Dist	0.0	0.0	0.0	0.0
BSE	Mplx-T1-1.544Mbps-Line	Interface Group 6	100.0	100.0	100.0	100.0
BSE	Remote Call Forwarding	Market Expansion Line	100.0	100.0	100.0	100.0
BSE	Three Way Calling	Three Way Calling	100.0	100.0	100.0	100.0
BSE	Dial Call Waiting	Dial Call Waiting	82.5	82.5	82.5	82.5
BSE	Distinctive Alert	Distinctive Alert	81.9	81.9	81.9	81.9
BSE	Dir Call Pickup w/oBarge	Dir Call PU w/o Barge-In	100.0	100.0	100.0	100.0
BSE	Dir Call Pickup w/Barge	Dir Call PU w/ Barge-In	100.0	100.0	100.0	100.0
BSE	Call Transfer on DID	DID 2-Way Call Transfer	81.9	81.9	81.9	81.9
BSE	Security Screen	Security Screen	0.0	0.0	0.0	0.0
BSE	CEMSS Subscriber	CEMSS Subscriber	0.0	0.0	0.0	0.0
BSE	Univ Em Num Svc 911 Sub	Univ Em Num Svc 911 Sub	100.0	100.0	100.0	100.0
BSE	Access to 911 Callr Info	Access to 911 Callr Info	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for PHOENIX

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
CNS	Direct Call Packet	Auto Call (Packet)	100.0	100.0	100.0	100.0
CNS	Privacy +	Privacy +	100.0	100.0	100.0	100.0
CNS	Redirecting Num Deliv	Redirecting Num Deliv	100.0	100.0	100.0	100.0
CNS	Calling Name ID	Calling Name ID	100.0	100.0	100.0	100.0
CNS	Versanet	Versanet	100.0	100.0	100.0	100.0
CNS	Automatic Callback	Continuous Redial	0.0	0.0	0.0	0.0
CNS	Automatic Recall	Last Call Return	0.0	0.0	0.0	0.0
CNS	CFBL Intraswitch	Call Fwd'ing Busy Line	100.0	100.0	100.0	100.0
CNS	CFBL Interswitch	Call Fwd Busy Line (Exp)	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Act/Deact	Call Fwd BL, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Fwd To No.	Call Fwd DA, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFDA Intraswitch	Call Fwd'ing Don't Ans	100.0	100.0	100.0	100.0
CNS	CFDA Interswitch	Call Fwd Don't Ans (Exp)	100.0	100.0	100.0	100.0
CNS	CF Mult Sim Call Intersw	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Variable	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Var Act w/o Crtsy Cal	Call Fwd Var w/o Compl	81.9	81.9	81.9	81.9
CNS	CF Var Remote Act/Cntrol	Rem Access Fwd'ing	100.0	100.0	100.0	100.0
CNS	Call Waiting Cancel	Call Waiting	100.0	100.0	100.0	100.0
CNS	Cust Originated Trace	Call Trace	0.0	0.0	0.0	0.0
CNS	Distinctive Ringing	Priority Call	0.0	0.0	0.0	0.0
CNS	Dist Ring Term Screen	Custom Ringing	99.3	99.3	99.3	99.3
CNS	Hot Line	Hot Line	100.0	100.0	100.0	100.0
CNS	MWI ATR Audible Msg Wtg	Msg Wtg Indic'n-Audible	17.7	17.7	17.7	17.7
CNS	MWI ATR Visual Msg Wtg	Msg Wtg Indic'n-Visual	17.7	17.7	17.7	17.7
CNS	Selective Call Forward'g	Selective Call Fwd'ing	0.0	0.0	0.0	0.0
CNS	Selective Call Rejection	Call Rejection	0.0	0.0	0.0	0.0
CNS	Shared Speed Calling	Abbr Acc/Act (1-2 Digit)	99.3	99.3	99.3	99.3
CNS	Speed Calling	Speed Calling (8 No)	100.0	100.0	100.0	100.0
CNS	Warm Line	Warm Line	18.1	18.1	18.1	18.1
CNS	CFDA After CW	Call Waiting	99.3	99.3	99.3	99.3
CNS	CFBL & CFDA Intraswitch	Call Fwd Busy Line/DA	100.0	100.0	100.0	100.0
CNS	Custom Ring'g-CF(future)	Custom Ringing-Call Fwd	0.0	0.0	0.0	0.0
CNS	CFDA To DID Intraswitch	Expanded Answer	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Interswitch	Call Fwd'ing BL/DA (Exp)	100.0	100.0	100.0	100.0
CNS	Speed Calling (30 No)	Speed Calling (30 No)	100.0	100.0	100.0	100.0
CNS	MWI Audible/Visual	MWI ATR Aud/Vis	18.4	18.4	18.4	18.4
CNS	Rm Call Fwd On DID Lines	Call Planner	0.0	0.0	0.0	0.0
CNS	Number Forwarding	Number Forwarding	0.0	0.0	0.0	0.0
CNS	Easy Access	Easy Access	0.0	0.0	0.0	0.0
CNS	Call Queuing	Call Queuing	0.0	0.0	0.0	0.0
CNS	Selective Call Waiting	Selective Call Waiting	0.0	0.0	0.0	0.0
CNS	Wireless Extension	Wireless Extension	0.0	0.0	0.0	0.0

SUMMARY FOR MARKET AREA: TUCSON - ARIZONA

Percentage Availability of ONA Services By Date for TUCSON

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	100.0	100.0	100.0	100.0
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	100.0	100.0	100.0	100.0
BSA	Direct Current (MT3)	Direct Current (MT3)	100.0	100.0	100.0	100.0
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	100.0	100.0	100.0	100.0
BSA	Frame Relay Service	Frame Relay Service	100.0	100.0	100.0	100.0
BSA	ATM Cell Relay Service	ATM Cell Relay Service	100.0	100.0	100.0	100.0
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	100.0	100.0	100.0	100.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	100.0	100.0	100.0	100.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	100.0	100.0	100.0	100.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	100.0	100.0	100.0	100.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	100.0	100.0	100.0	100.0
BSA	C3 TypG - Ded 1.544Mbps	DS1 Service	100.0	100.0	100.0	100.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	100.0	100.0	100.0	100.0
BSA	C4 - Ded Ntwk Access Link	Analog PLS	100.0	100.0	100.0	100.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	100.0	100.0	100.0	100.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	100.0	100.0	100.0	100.0
BSA	C1 TypA - Ckt Sw Line	Voice Gr Line Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	100.0	100.0	100.0	100.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSA	555 Access Service	555 Access Service	100.0	100.0	100.0	100.0

Percentage Availability of ONA Services By Date for TUCSON

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rpts Pkt	Acc Svc Bill Info (pkt)	100.0	100.0	100.0	100.0
BSE	Call Redirection Packet	Backup/Redirection (pkt)	100.0	100.0	100.0	100.0
BSE	Closed User Groups Pkt	Closed User Group (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	100.0	100.0	100.0	100.0
BSE	Menu Acs Trans - Gateway	Community Link	0.0	0.0	0.0	0.0
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	100.0	100.0	100.0	100.0
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	100.0	100.0	100.0	100.0
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	100.0	100.0	100.0	100.0
BSE	Logical Channels-Pkt	Logical Channel (pkt)	100.0	100.0	100.0	100.0
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	100.0	100.0	100.0	100.0
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	100.0	100.0	100.0	100.0
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	100.0	100.0	100.0	100.0
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	100.0	100.0	100.0	100.0
BSE	Calling Name Delivery	Calling Name Delivery	100.0	100.0	100.0	100.0
BSE	Redirecting Name Deliv	Redirecting Name Deliv	100.0	100.0	100.0	100.0
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0	100.0	100.0	100.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	100.0	100.0	100.0	100.0
BSE	Bridging	Bridging	100.0	100.0	100.0	100.0
BSE	Conditioning	Private Line Condition	100.0	100.0	100.0	100.0
BSE	Secondary Ch Capability	Secondary Channel	100.0	100.0	100.0	100.0
BSE	Network Reconfiguration	Command-A-Link	100.0	100.0	100.0	100.0
BSE	Order Entry Service	ANI Order Entry	100.0	100.0	100.0	100.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	100.0	100.0	100.0	100.0
BSE	Multiplexing-Digital	Multiplexing	100.0	100.0	100.0	100.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	100.0	100.0	100.0	100.0
BSE	Traffic Data Reports	Traffic Data Report Svc	100.0	100.0	100.0	100.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	100.0	100.0	100.0	100.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	100.0	100.0	100.0	100.0
BSE	Alternate Routing	Alt Traffic Routing	100.0	100.0	100.0	100.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	37.6	37.6	37.6	37.6
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	100.0	100.0	100.0	100.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSE	Flexible ANI	Flexible ANI	37.6	37.6	37.6	37.6
BSE	Cllg Bllg Num Deliv FC B	Auto Number ID (FGB)	100.0	100.0	100.0	100.0
BSE	Cllg Bllg Num Deliv FG D	Auto Number ID (FGD)	100.0	100.0	100.0	100.0
BSE	Cllg DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Cllg DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	100.0	100.0	100.0	100.0
BSE	Message Desk (SMDI)	Message Delivery Service	37.7	37.7	37.7	37.7
BSE	MWI Activation (Audible)	Message Delivery Service	37.7	37.7	37.7	37.7
BSE	MWI Activation (Visual)	Message Delivery Service	37.7	37.7	37.7	37.7
BSE	Multiline Hunt Group	Hunting	100.0	100.0	100.0	100.0

BSE	MLHG CO Announcements	Uniform Call Distribut'n	100.0	100.0	100.0	100.0
BSE	MLHG Access to Each Port	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG Overflow	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG UCD Line Hunting	Uniform Call Distribut'n	100.0	100.0	100.0	100.0
BSE	MLHG UCD With Queuing	Uniform Call Distribut'n	100.0	100.0	100.0	100.0
BSE	Three Way Call Transfer	Call Transfer	100.0	100.0	100.0	100.0
BSE	Mssg Desk Expand (SMDIE)	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Audible) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Visual) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	Op Svcs - Auto Call Dist	Op Svcs - Auto Call Dist	0.0	0.0	0.0	0.0
BSE	Mplx-T1-1.544Mbps-Line	Interface Group 6	100.0	100.0	100.0	100.0
BSE	Remote Call Forwarding	Market Expansion Line	100.0	100.0	100.0	100.0
BSE	Three Way Calling	Three Way Calling	100.0	100.0	100.0	100.0
BSE	Dial Call Waiting	Dial Call Waiting	62.4	62.4	62.4	62.4
BSE	Distinctive Alert	Distinctive Alert	62.4	62.4	62.4	62.4
BSE	Dir Call Pickup w/oBarge	Dir Call PU w/o Barge-In	100.0	100.0	100.0	100.0
BSE	Dir Call Pickup w/Barge	Dir Call PU w/ Barge-In	100.0	100.0	100.0	100.0
BSE	Call Transfer on DID	DID 2-Way Call Transfer	62.4	62.4	62.4	62.4
BSE	Security Screen	Security Screen	0.0	0.0	0.0	0.0
BSE	CEMSS Subscriber	CEMSS Subscriber	0.0	0.0	0.0	0.0
BSE	Univ Em Num Svc 911 Sub	Univ Em Num Svc 911 Sub	100.0	100.0	100.0	100.0
BSE	Access to 911 Callr Info	Access to 911 Callr Info	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for TUCSON

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
CNS	Direct Call Packet	Auto Call (Packet)	100.0	100.0	100.0	100.0
CNS	Privacy +	Privacy +	100.0	100.0	100.0	100.0
CNS	Redirecting Num Deliv	Redirecting Num Deliv	100.0	100.0	100.0	100.0
CNS	Calling Name ID	Calling Name ID	100.0	100.0	100.0	100.0
CNS	Versanet	Versanet	100.0	100.0	100.0	100.0
CNS	Automatic Callback	Continuous Redial	0.0	0.0	0.0	0.0
CNS	Automatic Recall	Last Call Return	0.0	0.0	0.0	0.0
CNS	CFBL Intraswitch	Call Fwd'ing Busy Line	100.0	100.0	100.0	100.0
CNS	CFBL Interswitch	Call Fwd Busy Line (Exp)	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Act/Deact	Call Fwd BL, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Fwd To No.	Call Fwd DA, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFDA Intraswitch	Call Fwd'ing Don't Ans	100.0	100.0	100.0	100.0
CNS	CFDA Interswitch	Call Fwd Don't Ans (Exp)	100.0	100.0	100.0	100.0
CNS	CF Mult Sim Call Intersw	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Variable	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Var Act w/o Crtsy Cal	Call Fwd Var w/o Compl	62.4	62.4	62.4	62.4
CNS	CF Var Remote Act/Cntrol	Rem Access Fwd'ing	100.0	100.0	100.0	100.0
CNS	Call Waiting Cancel	Call Waiting	100.0	100.0	100.0	100.0
CNS	Cust Originated Trace	Call Trace	0.0	0.0	0.0	0.0
CNS	Distinctive Ringing	Priority Call	0.0	0.0	0.0	0.0
CNS	Dist Ring Term Screen	Custom Ringing	100.0	100.0	100.0	100.0
CNS	Hot Line	Hot Line	100.0	100.0	100.0	100.0
CNS	MWI ATR Audible Msg Wtg	Msg Wtg Indic'n-Audible	37.7	37.7	37.7	37.7
CNS	MWI ATR Visual Msg Wtg	Msg Wtg Indic'n-Visual	37.7	37.7	37.7	37.7
CNS	Selective Call Forward'g	Selective Call Fwd'ing	0.0	0.0	0.0	0.0
CNS	Selective Call Rejection	Call Rejection	0.0	0.0	0.0	0.0
CNS	Shared Speed Calling	Abbr Acc/Act (1-2 Digit)	100.0	100.0	100.0	100.0
CNS	Speed Calling	Speed Calling (8 No)	100.0	100.0	100.0	100.0
CNS	Warm Line	Warm Line	37.6	37.6	37.6	37.6
CNS	CFDA After CW	Call Waiting	100.0	100.0	100.0	100.0
CNS	CFBL & CFDA Intraswitch	Call Fwd Busy Line/DA	100.0	100.0	100.0	100.0
CNS	Custom Ring'g-CF(future)	Custom Ringing-Call Fwd	0.0	0.0	0.0	0.0
CNS	CFDA To DID Intraswitch	Expanded Answer	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Interswitch	Call Fwd'ing BL/DA (Exp)	100.0	100.0	100.0	100.0
CNS	Speed Calling (30 No)	Speed Calling (30 No)	100.0	100.0	100.0	100.0
CNS	MWI Audible/Visual	MWI ATR Aud/Vis	37.7	37.7	37.7	37.7
CNS	Rm Call Fwd On DID Lines	Call Planner	0.0	0.0	0.0	0.0
CNS	Number Forwarding	Number Forwarding	0.0	0.0	0.0	0.0
CNS	Easy Access	Easy Access	0.0	0.0	0.0	0.0
CNS	Call Queuing	Call Queuing	0.0	0.0	0.0	0.0
CNS	Selective Call Waiting	Selective Call Waiting	0.0	0.0	0.0	0.0
CNS	Wireless Extension	Wireless Extension	0.0	0.0	0.0	0.0

SUMMARY FOR MARKET AREA: YUMA - ARIZONA

Percentage Availability of ONA Services By Date for YUMA

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	0.0	0.0	0.0	0.0
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	0.0	0.0	0.0	0.0
BSA	Direct Current (MT3)	Direct Current (MT3)	0.0	0.0	0.0	0.0
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	0.0	0.0	0.0	0.0
BSA	Frame Relay Service	Frame Relay Service	0.0	0.0	0.0	0.0
BSA	ATM Cell Relay Service	ATM Cell Relay Service	0.0	0.0	0.0	0.0
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	100.0	100.0	100.0	100.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	100.0	100.0	100.0	100.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	100.0	100.0	100.0	100.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	100.0	100.0	100.0	100.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded 1.544Mbps	DS1 Service	100.0	100.0	100.0	100.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	100.0	100.0	100.0	100.0
BSA	C4 - Ded Ntwk Access Link	Analog PLS	100.0	100.0	100.0	100.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	100.0	100.0	100.0	100.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	100.0	100.0	100.0	100.0
BSA	C1 TypA - Ckt Sw Line	Voice Gr Line Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	100.0	100.0	100.0	100.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSA	555 Access Service	555 Access Service	100.0	100.0	100.0	100.0

Percentage Availability of ONA Services By Date for YUMA

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rpts Pkt	Acc Svc Bill Info (pkt)	0.0	0.0	0.0	0.0
BSE	Call Redirection Packet	Backup/Redirection (pkt)	0.0	0.0	0.0	0.0
BSE	Closed User Groups Pkt	Closed User Group (pkt)	0.0	0.0	0.0	0.0
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	0.0	0.0	0.0	0.0
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	0.0	0.0	0.0	0.0
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	0.0	0.0	0.0	0.0
BSE	Menu Acs Trans - Gateway	Community Link	0.0	0.0	0.0	0.0
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	0.0	0.0	0.0	0.0
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	0.0	0.0	0.0	0.0
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	0.0	0.0	0.0	0.0
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	0.0	0.0	0.0	0.0
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	0.0	0.0	0.0	0.0
BSE	Logical Channels-Pkt	Logical Channel (pkt)	0.0	0.0	0.0	0.0
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	0.0	0.0	0.0	0.0
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	0.0	0.0	0.0	0.0
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	0.0	0.0	0.0	0.0
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	0.0	0.0	0.0	0.0
BSE	Calling Name Delivery	Calling Name Delivery	0.0	0.0	0.0	0.0
BSE	Redirecting Name Deliv	Redirecting Name Deliv	0.0	0.0	0.0	0.0
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0	100.0	100.0	100.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	100.0	100.0	100.0	100.0
BSE	Bridging	Bridging	100.0	100.0	100.0	100.0
BSE	Conditioning	Private Line Condition	100.0	100.0	100.0	100.0
BSE	Secondary Ch Capability	Secondary Channel	100.0	100.0	100.0	100.0
BSE	Network Reconfiguration	Command-A-Link	100.0	100.0	100.0	100.0
BSE	Order Entry Service	ANI Order Entry	100.0	100.0	100.0	100.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	100.0	100.0	100.0	100.0
BSE	Multiplexing-Digital	Multiplexing	100.0	100.0	100.0	100.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	100.0	100.0	100.0	100.0
BSE	Traffic Data Reports	Traffic Data Report Svc	100.0	100.0	100.0	100.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	100.0	100.0	100.0	100.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	100.0	100.0	100.0	100.0
BSE	Alternate Routing	Alt Traffic Routing	100.0	100.0	100.0	100.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	100.0	100.0	100.0	100.0
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	100.0	100.0	100.0	100.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSE	Flexible ANI	Flexible ANI	100.0	100.0	100.0	100.0
BSE	Clig Bilg Num Deliv FG B	Auto Number ID (FGB)	100.0	100.0	100.0	100.0
BSE	Clig Bilg Num Deliv FG D	Auto Number ID (FGD)	100.0	100.0	100.0	100.0
BSE	Cllg DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Cllg DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	100.0	100.0	100.0	100.0
BSE	Message Desk (SMDI)	Message Delivery Service	100.0	100.0	100.0	100.0
BSE	MWI Activation (Audible)	Message Delivery Service	100.0	100.0	100.0	100.0
BSE	MWI Activation (Visual)	Message Delivery Service	100.0	100.0	100.0	100.0
BSE	Multiline Hunt Group	Hunting	100.0	100.0	100.0	100.0

BSE	MLHC CO Announcements	Uniform Call Distribut'n	100.0	100.0	100.0	100.0
BSE	MLHC Access to Each Port	Hunting	100.0	100.0	100.0	100.0
BSE	MLHC Overflow	Hunting	100.0	100.0	100.0	100.0
BSE	MLHC UCD Line Hunting	Uniform Call Distribut'n	100.0	100.0	100.0	100.0
BSE	MLHC UCD With Queuing	Uniform Call Distribut'n	100.0	100.0	100.0	100.0
BSE	Three Way Call Transfer	Call Transfer	100.0	100.0	100.0	100.0
BSE	Msg Desk Expand (SMDIE)	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Audible) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Visual) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	Op Svcs - Auto Call Dist	Op Svcs - Auto Call Dist	0.0	0.0	0.0	0.0
BSE	Mplx-T1-1.544Mbps-Line	Interface Group 6	100.0	100.0	100.0	100.0
BSE	Remote Call Forwarding	Market Expansion Line	100.0	100.0	100.0	100.0
BSE	Three Way Calling	Three Way Calling	100.0	100.0	100.0	100.0
BSE	Dial Call Waiting	Dial Call Waiting	0.0	0.0	0.0	0.0
BSE	Distinctive Alert	Distinctive Alert	0.0	0.0	0.0	0.0
BSE	Dir Call Pickup w/oBarge	Dir Call PU w/o Barge-In	100.0	100.0	100.0	100.0
BSE	Dir Call Pickup w/Barge	Dir Call PU w/ Barge-In	100.0	100.0	100.0	100.0
BSE	Call Transfer on DID	DID 2-Way Call Transfer	0.0	0.0	0.0	0.0
BSE	Security Screen	Security Screen	0.0	0.0	0.0	0.0
BSE	CEMSS Subscriber	CEMSS Subscriber	0.0	0.0	0.0	0.0
BSE	Univ Em Num Svc 911 Sub	Univ Em Num Svc 911 Sub	100.0	100.0	100.0	100.0
BSE	Access to 911 Callr Info	Access to 911 Callr Info	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for YUMA

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
CNS	Direct Call Packet	Auto Call (Packet)	0.0	0.0	0.0	0.0
CNS	Privacy +	Privacy +	0.0	0.0	0.0	0.0
CNS	Redirecting Num Deliv	Redirecting Num Deliv	0.0	0.0	0.0	0.0
CNS	Calling Name ID	Calling Name ID	0.0	0.0	0.0	0.0
CNS	Versanet	Versanet	0.0	0.0	0.0	0.0
CNS	Automatic Callback	Continuous Redial	0.0	0.0	0.0	0.0
CNS	Automatic Recall	Last Call Return	0.0	0.0	0.0	0.0
CNS	CFBL Intraswitch	Call Fwd'ing Busy Line	100.0	100.0	100.0	100.0
CNS	CFBL Interswitch	Call Fwd Busy Line (Exp)	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Act/Deact	Call Fwd BL, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Fwd To No.	Call Fwd DA, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFDA Intraswitch	Call Fwd'ing Don't Ans	100.0	100.0	100.0	100.0
CNS	CFDA Interswitch	Call Fwd Don't Ans (Exp)	100.0	100.0	100.0	100.0
CNS	CF Mult Sim Call Intersw	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Variable	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Var Act w/o Crtsy Cal	Call Fwd Var w/o Compl	0.0	0.0	0.0	0.0
CNS	CF Var Remote Act/Cntrol	Rem Access Fwd'ing	100.0	100.0	100.0	100.0
CNS	Call Waiting Cancel	Call Waiting	100.0	100.0	100.0	100.0
CNS	Cust Originated Trace	Call Trace	0.0	0.0	0.0	0.0
CNS	Distinctive Ringing	Priority Call	0.0	0.0	0.0	0.0
CNS	Dist Ring Term Screen	Custom Ringing	100.0	100.0	100.0	100.0
CNS	Hot Line	Hot Line	100.0	100.0	100.0	100.0
CNS	MWI ATR Audible Msg Wtg	Msg Wtg Indic'n-Audible	100.0	100.0	100.0	100.0
CNS	MWI ATR Visual Msg Wtg	Msg Wtg Indic'n-Visual	100.0	100.0	100.0	100.0
CNS	Selective Call Forward'g	Selective Call Fwd'ing	0.0	0.0	0.0	0.0
CNS	Selective Call Rejection	Call Rejection	0.0	0.0	0.0	0.0
CNS	Shared Speed Calling	Abbr Acc/Act (1-2 Digit)	100.0	100.0	100.0	100.0
CNS	Speed Calling	Speed Calling (8 No)	100.0	100.0	100.0	100.0
CNS	Warm Line	Warm Line	100.0	100.0	100.0	100.0
CNS	CFDA After CW	Call Waiting	100.0	100.0	100.0	100.0
CNS	CFBL & CFDA Intraswitch	Call Fwd Busy Line/DA	100.0	100.0	100.0	100.0
CNS	Custom Ring'g-CF(future)	Custom Ringing-Call Fwd	0.0	0.0	0.0	0.0
CNS	CFDA To DID Intraswitch	Expanded Answer	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Interswitch	Call Fwd'ing BL/DA (Exp)	100.0	100.0	100.0	100.0
CNS	Speed Calling (30 No)	Speed Calling (30 No)	100.0	100.0	100.0	100.0
CNS	MWI Audible/Visual	MWI ATR Aud/Vis	100.0	100.0	100.0	100.0
CNS	Rm Call Fwd On DID Lines	Call Planner	0.0	0.0	0.0	0.0
CNS	Number Forwarding	Number Forwarding	0.0	0.0	0.0	0.0
CNS	Easy Access	Easy Access	0.0	0.0	0.0	0.0
CNS	Call Queuing	Call Queuing	0.0	0.0	0.0	0.0
CNS	Selective Call Waiting	Selective Call Waiting	0.0	0.0	0.0	0.0
CNS	Wireless Extension	Wireless Extension	0.0	0.0	0.0	0.0

SUMMARY FOR MARKET AREA: BOULDER - COLORADO

Percentage Availability of ONA Services By Date for BOULDER

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	0.0	0.0	0.0	0.0
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	0.0	0.0	0.0	0.0
BSA	Direct Current (MT3)	Direct Current (MT3)	0.0	0.0	0.0	0.0
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	0.0	0.0	0.0	0.0
BSA	Frame Relay Service	Frame Relay Service	0.0	0.0	0.0	0.0
BSA	ATM Cell Relay Service	ATM Cell Relay Service	0.0	0.0	0.0	0.0
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	0.0	0.0	0.0	0.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	0.0	0.0	0.0	0.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	0.0	0.0	0.0	0.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	0.0	0.0	0.0	0.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	0.0	0.0	0.0	0.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	0.0	0.0	0.0	0.0
BSA	C3 TypG - Ded 1.544Mbps	DS1 Service	0.0	0.0	0.0	0.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	0.0	0.0	0.0	0.0
BSA	C4 - Ded Ntwk Access Link	Analog PLS	0.0	0.0	0.0	0.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	0.0	0.0	0.0	0.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	0.0	0.0	0.0	0.0
BSA	C1 TypA - Ckt Sw Line	Voice Gr Line Ckt Swt'd	0.0	0.0	0.0	0.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	0.0	0.0	0.0	0.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	0.0	0.0	0.0	0.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	0.0	0.0	0.0	0.0
BSA	555 Access Service	555 Access Service	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for BOULDER

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rpts Pkt	Acc Svc Bill Info (pkt)	0.0	0.0	0.0	0.0
BSE	Call Redirection Packet	Backup/Redirection (pkt)	0.0	0.0	0.0	0.0
BSE	Closed User Groups Pkt	Closed User Group (pkt)	0.0	0.0	0.0	0.0
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	0.0	0.0	0.0	0.0
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	0.0	0.0	0.0	0.0
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	0.0	0.0	0.0	0.0
BSE	Menu Acs Trans - Gateway	Community Link	0.0	0.0	0.0	0.0
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	0.0	0.0	0.0	0.0
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	0.0	0.0	0.0	0.0
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	0.0	0.0	0.0	0.0
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	0.0	0.0	0.0	0.0
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	0.0	0.0	0.0	0.0
BSE	Logical Channels-Pkt	Logical Channel (pkt)	0.0	0.0	0.0	0.0
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	0.0	0.0	0.0	0.0
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	0.0	0.0	0.0	0.0
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	0.0	0.0	0.0	0.0
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	0.0	0.0	0.0	0.0
BSE	Calling Name Delivery	Calling Name Delivery	0.0	0.0	0.0	0.0
BSE	Redirecting Name Deliv	Redirecting Name Deliv	0.0	0.0	0.0	0.0
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	0.0	0.0	0.0	0.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	0.0	0.0	0.0	0.0
BSE	Bridging	Bridging	0.0	0.0	0.0	0.0
BSE	Conditioning	Private Line Condition	0.0	0.0	0.0	0.0
BSE	Secondary Ch Capability	Secondary Channel	0.0	0.0	0.0	0.0
BSE	Network Reconfiguration	Command-A-Link	0.0	0.0	0.0	0.0
BSE	Order Entry Service	ANI Order Entry	0.0	0.0	0.0	0.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	0.0	0.0	0.0	0.0
BSE	Multiplexing-Digital	Multiplexing	0.0	0.0	0.0	0.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	0.0	0.0	0.0	0.0
BSE	Traffic Data Reports	Traffic Data Report Svc	0.0	0.0	0.0	0.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	0.0	0.0	0.0	0.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	0.0	0.0	0.0	0.0
BSE	Alternate Routing	Alt Traffic Routing	0.0	0.0	0.0	0.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	0.0	0.0	0.0	0.0
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	0.0	0.0	0.0	0.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	0.0	0.0	0.0	0.0
BSE	Flexible ANI	Flexible ANI	0.0	0.0	0.0	0.0
BSE	Cllg Bllg Num Deliv FG B	Auto Number ID (FGB)	0.0	0.0	0.0	0.0
BSE	Cllg Bllg Num Deliv FG D	Auto Number ID (FGD)	0.0	0.0	0.0	0.0
BSE	Cllg DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Cllg DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	0.0	0.0	0.0	0.0
BSE	Message Desk (SMDI)	Message Delivery Service	0.0	0.0	0.0	0.0
BSE	MWI Activation (Audible)	Message Delivery Service	0.0	0.0	0.0	0.0
BSE	MWI Activation (Visual)	Message Delivery Service	0.0	0.0	0.0	0.0
BSE	Multiline Hunt Group	Hunting	0.0	0.0	0.0	0.0

BSE	MLHG CO Announcements	Uniform Call Distribut'n	0.0	0.0	0.0	0.0
BSE	MLHG Access to Each Port	Hunting	0.0	0.0	0.0	0.0
BSE	MLHG Overflow	Hunting	0.0	0.0	0.0	0.0
BSE	MLHG UCD Line Hunting	Uniform Call Distribut'n	0.0	0.0	0.0	0.0
BSE	MLHG UCD With Queuing	Uniform Call Distribut'n	0.0	0.0	0.0	0.0
BSE	Three Way Call Transfer	Call Transfer	0.0	0.0	0.0	0.0
BSE	Msg Desk Expand (SMDIE)	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Audible) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Visual) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	Op Svcs - Auto Call Dist	Op Svcs - Auto Call Dist	0.0	0.0	0.0	0.0
BSE	Mplx-T1-1.544Mbps-Line	Interface Group 6	0.0	0.0	0.0	0.0
BSE	Remote Call Forwarding	Market Expansion Line	0.0	0.0	0.0	0.0
BSE	Three Way Calling	Three Way Calling	0.0	0.0	0.0	0.0
BSE	Dial Call Waiting	Dial Call Waiting	0.0	0.0	0.0	0.0
BSE	Distinctive Alert	Distinctive Alert	0.0	0.0	0.0	0.0
BSE	Dir Call Pickup w/oBarge	Dir Call PU w/o Barge-In	0.0	0.0	0.0	0.0
BSE	Dir Call Pickup w/Barge	Dir Call PU w/ Barge-In	0.0	0.0	0.0	0.0
BSE	Call Transfer on DID	DID 2-Way Call Transfer	0.0	0.0	0.0	0.0
BSE	Security Screen	Security Screen	0.0	0.0	0.0	0.0
BSE	CEMSS Subscriber	CEMSS Subscriber	0.0	0.0	0.0	0.0
BSE	Univ Em Num Svc 911 Sub	Univ Em Num Svc 911 Sub	0.0	0.0	0.0	0.0
BSE	Access to 911 Callr Info	Access to 911 Callr Info	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for BOULDER

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
CNS	Direct Call Packet	Auto Call (Packet)	0.0	0.0	0.0	0.0
CNS	Privacy +	Privacy +	0.0	0.0	0.0	0.0
CNS	Redirecting Num Deliv	Redirecting Num Deliv	0.0	0.0	0.0	0.0
CNS	Calling Name ID	Calling Name ID	0.0	0.0	0.0	0.0
CNS	Versanet	Versanet	0.0	0.0	0.0	0.0
CNS	Automatic Callback	Continuous Redial	0.0	0.0	0.0	0.0
CNS	Automatic Recall	Last Call Return	0.0	0.0	0.0	0.0
CNS	CFBL Intraswitch	Call Fwd'ing Busy Line	0.0	0.0	0.0	0.0
CNS	CFBL Interswitch	Call Fwd Busy Line (Exp)	0.0	0.0	0.0	0.0
CNS	CFBL/DA Cust Act/Deact	Call Fwd BL, Cust Prog	0.0	0.0	0.0	0.0
CNS	CFBL/DA Cust Fwd To No.	Call Fwd DA, Cust Prog	0.0	0.0	0.0	0.0
CNS	CFDA Intraswitch	Call Fwd'ing Don't Ans	0.0	0.0	0.0	0.0
CNS	CFDA Interswitch	Call Fwd Don't Ans (Exp)	0.0	0.0	0.0	0.0
CNS	CF Mult Sim Call Intersw	Call Fwd'ing Variable	0.0	0.0	0.0	0.0
CNS	CF Variable	Call Fwd'ing Variable	0.0	0.0	0.0	0.0
CNS	CF Var Act w/o Crtsy Cal	Call Fwd Var w/o Compl	0.0	0.0	0.0	0.0
CNS	CF Var Remote Act/Cntrol	Rem Access Fwd'ing	0.0	0.0	0.0	0.0
CNS	Call Waiting Cancel	Call Waiting	0.0	0.0	0.0	0.0
CNS	Cust Originated Trace	Call Trace	0.0	0.0	0.0	0.0
CNS	Distinctive Ringing	Priority Call	0.0	0.0	0.0	0.0
CNS	Dist Ring Term Screen	Custom Ringing	0.0	0.0	0.0	0.0
CNS	Hot Line	Hot Line	0.0	0.0	0.0	0.0
CNS	MWI ATR Audible Msg Wtg	Msg Wtg Indic'n-Audible	0.0	0.0	0.0	0.0
CNS	MWI ATR Visual Msg Wtg	Msg Wtg Indic'n-Visual	0.0	0.0	0.0	0.0
CNS	Selective Call Forward'g	Selective Call Fwd'ing	0.0	0.0	0.0	0.0
CNS	Selective Call Rejection	Call Rejection	0.0	0.0	0.0	0.0
CNS	Shared Speed Calling	Abbr Acc/Act (1-2 Digit)	0.0	0.0	0.0	0.0
CNS	Speed Calling	Speed Calling (8 No)	0.0	0.0	0.0	0.0
CNS	Warm Line	Warm Line	0.0	0.0	0.0	0.0
CNS	CFDA After CW	Call Waiting	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Intraswitch	Call Fwd Busy Line/DA	0.0	0.0	0.0	0.0
CNS	Custom Ring'g-CF(future)	Custom Ringing-Call Fwd	0.0	0.0	0.0	0.0
CNS	CFDA To DID Intraswitch	Expanded Answer	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Interswitch	Call Fwd'ing BL/DA (Exp)	0.0	0.0	0.0	0.0
CNS	Speed Calling (30 No)	Speed Calling (30 No)	0.0	0.0	0.0	0.0
CNS	MWI Audible/Visual	MWI ATR Aud/Vis	0.0	0.0	0.0	0.0
CNS	Rm Call Fwd On DID Lines	Call Planner	0.0	0.0	0.0	0.0
CNS	Number Forwarding	Number Forwarding	0.0	0.0	0.0	0.0
CNS	Easy Access	Easy Access	0.0	0.0	0.0	0.0
CNS	Call Queuing	Call Queuing	0.0	0.0	0.0	0.0
CNS	Selective Call Waiting	Selective Call Waiting	0.0	0.0	0.0	0.0
CNS	Wireless Extension	Wireless Extension	0.0	0.0	0.0	0.0

SUMMARY FOR MARKET AREA: COLO SPRINGS - COLORADO

Percentage Availability of ONA Services By Date for COLO SPRINGS

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	100.0	100.0	100.0	100.0
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	100.0	100.0	100.0	100.0
BSA	Direct Current (MT3)	Direct Current (MT3)	100.0	100.0	100.0	100.0
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	100.0	100.0	100.0	100.0
BSA	Frame Relay Service	Frame Relay Service	100.0	100.0	100.0	100.0
BSA	ATM Cell Relay Service	ATM Cell Relay Service	100.0	100.0	100.0	100.0
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	100.0	100.0	100.0	100.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	100.0	100.0	100.0	100.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	100.0	100.0	100.0	100.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	100.0	100.0	100.0	100.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	100.0	100.0	100.0	100.0
BSA	C3 TypG - Ded 1.544Mbps	DS1 Service	100.0	100.0	100.0	100.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	100.0	100.0	100.0	100.0
BSA	C4 - Ded Ntwk Access Link	Analog PLS	100.0	100.0	100.0	100.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	100.0	100.0	100.0	100.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	100.0	100.0	100.0	100.0
BSA	C1 TypA - Ckt Sw Line,	Voice Gr Line Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	100.0	100.0	100.0	100.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSA	555 Access Service	555 Access Service	100.0	100.0	100.0	100.0

Percentage Availability of ONA Services By Date for COLO SPRINGS

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rpts Pkt	Acc Svc Bill Info (pkt)	100.0	100.0	100.0	100.0
BSE	Call Redirection Packet	Backup/Redirection (pkt)	100.0	100.0	100.0	100.0
BSE	Closed User Groups Pkt	Closed User Group (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	100.0	100.0	100.0	100.0
BSE	Menu Acs Trans - Gateway	Community Link	0.0	0.0	0.0	0.0
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	100.0	100.0	100.0	100.0
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	100.0	100.0	100.0	100.0
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	100.0	100.0	100.0	100.0
BSE	Logical Channels-Pkt	Logical Channel (pkt)	100.0	100.0	100.0	100.0
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	100.0	100.0	100.0	100.0
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	100.0	100.0	100.0	100.0
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	100.0	100.0	100.0	100.0
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	100.0	100.0	100.0	100.0
BSE	Calling Name Delivery	Calling Name Delivery	100.0	100.0	100.0	100.0
BSE	Redirecting Name Deliv	Redirecting Name Deliv	100.0	100.0	100.0	100.0
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0	100.0	100.0	100.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	100.0	100.0	100.0	100.0
BSE	Bridging	Bridging	100.0	100.0	100.0	100.0
BSE	Conditioning	Private Line Condition	100.0	100.0	100.0	100.0
BSE	Secondary Ch Capability	Secondary Channel	100.0	100.0	100.0	100.0
BSE	Network Reconfiguration	Command-A-Link	100.0	100.0	100.0	100.0
BSE	Order Entry Service	ANI Order Entry	100.0	100.0	100.0	100.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	100.0	100.0	100.0	100.0
BSE	Multiplexing-Digital	Multiplexing	100.0	100.0	100.0	100.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	100.0	100.0	100.0	100.0
BSE	Traffic Data Reports	Traffic Data Report Svc	100.0	100.0	100.0	100.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	100.0	100.0	100.0	100.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	100.0	100.0	100.0	100.0
BSE	Alternate Routing	Alt Traffic Routing	100.0	100.0	100.0	100.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	23.7	23.7	23.7	23.7
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	100.0	100.0	100.0	100.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSE	Flexible ANI	Flexible ANI	22.1	22.1	22.1	22.1
BSE	Clig Blig Num Deliv FG B	Auto Number ID (FGB)	100.0	100.0	100.0	100.0
BSE	Clig Blig Num Deliv FG D	Auto Number ID (FGD)	100.0	100.0	100.0	100.0
BSE	Clig DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Clig DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	97.7	97.7	97.7	97.7
BSE	Message Desk (SMDI)	Message Delivery Service	26.2	26.2	26.2	26.2
BSE	MWI Activation (Audible)	Message Delivery Service	25.5	25.5	25.5	25.5
BSE	MWI Activation (Visual)	Message Delivery Service	25.5	25.5	25.5	25.5
BSE	Multiline Hunt Group	Hunting	100.0	100.0	100.0	100.0

BSE	MLHG CO Announcements	Uniform Call Distribut'n	97.1	97.1	97.1	97.1
BSE	MLHG Access to Each Port	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG Overflow	Hunting	100.0	100.0	100.0	100.0
BSE	MLHG UCD Line Hunting	Uniform Call Distribut'n	97.7	97.7	97.7	97.7
BSE	MLHG UCD With Queuing	Uniform Call Distribut'n	97.7	97.7	97.7	97.7
BSE	Three Way Call Transfer	Call Transfer	100.0	100.0	100.0	100.0
BSE	Msg Desk Expand (SMDIE)	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Audible) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	MWI Act (Visual) Expand	Msg Del Svc(Interoffice)	0.0	0.0	0.0	0.0
BSE	Op Svcs - Auto Call Dist	Op Svcs - Auto Call Dist	0.0	0.0	0.0	0.0
BSE	Mplx-T1-1.544Mbps-Line	Interface Group 6	100.0	100.0	100.0	100.0
BSE	Remote Call Forwarding	Market Expansion Line	100.0	100.0	100.0	100.0
BSE	Three Way Calling	Three Way Calling	100.0	100.0	100.0	100.0
BSE	Dial Call Waiting	Dial Call Waiting	78.5	78.5	78.5	78.5
BSE	Distinctive Alert	Distinctive Alert	76.3	76.3	76.3	76.3
BSE	Dir Call Pickup w/oBarge	Dir Call PU w/o Barge-In	100.0	100.0	100.0	100.0
BSE	Dir Call Pickup w/Barge	Dir Call PU w/ Barge-In	100.0	100.0	100.0	100.0
BSE	Call Transfer on DID	DID 2-Way Call Transfer	75.6	75.6	75.6	75.6
BSE	Security Screen	Security Screen	0.0	0.0	0.0	0.0
BSE	CEMSS Subscriber	CEMSS Subscriber	0.0	0.0	0.0	0.0
BSE	Univ Em Num Svc 911 Sub	Univ Em Num Svc 911 Sub	100.0	100.0	100.0	100.0
BSE	Access to 911 Callr Info	Access to 911 Callr Info	0.0	0.0	0.0	0.0

Percentage Availability of ONA Services By Date for COLO SPRINGS

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
CNS	Direct Call Packet	Auto Call (Packet)	100.0	100.0	100.0	100.0
CNS	Privacy +	Privacy +	100.0	100.0	100.0	100.0
CNS	Redirecting Num Deliv	Redirecting Num Deliv	100.0	100.0	100.0	100.0
CNS	Calling Name ID	Calling Name ID	100.0	100.0	100.0	100.0
CNS	Versanet	Versanet	100.0	100.0	100.0	100.0
CNS	Automatic Callback	Continuous Redial	0.0	0.0	0.0	0.0
CNS	Automatic Recall	Last Call Return	0.0	0.0	0.0	0.0
CNS	CFBL Intraswitch	Call Fwd'ing Busy Line	100.0	100.0	100.0	100.0
CNS	CFBL Interswitch	Call Fwd Busy Line (Exp)	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Act/Deact	Call Fwd BL, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFBL/DA Cust Fwd To No.	Call Fwd DA, Cust Prog	100.0	100.0	100.0	100.0
CNS	CFDA Intraswitch	Call Fwd'ing Don't Ans	100.0	100.0	100.0	100.0
CNS	CFDA Interswitch	Call Fwd Don't Ans (Exp)	100.0	100.0	100.0	100.0
CNS	CF Mult Sim Call Intersw	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Variable	Call Fwd'ing Variable	100.0	100.0	100.0	100.0
CNS	CF Var Act w/o Crtsy Cal	Call Fwd Var w/o Compl	75.6	75.6	75.6	75.6
CNS	CF Var Remote Act/Cntrol	Rem Access Fwd'ing	100.0	100.0	100.0	100.0
CNS	Call Waiting Cancel	Call Waiting	100.0	100.0	100.0	100.0
CNS	Cust Originated Trace	Call Trace	0.0	0.0	0.0	0.0
CNS	Distinctive Ringing	Priority Call	0.0	0.0	0.0	0.0
CNS	Dist Ring Term Screen	Custom Ringing	97.1	97.1	97.1	97.1
CNS	Hot Line	Hot Line	100.0	100.0	100.0	100.0
CNS	MWI ATR Audible Msg Wtg	Msg Wtg Indic'n-Audible	23.3	23.3	23.3	23.3
CNS	MWI ATR Visual Msg Wtg	Msg Wtg Indic'n-Visual	23.3	23.3	23.3	23.3
CNS	Selective Call Forward'g	Selective Call Fwd'ing	0.0	0.0	0.0	0.0
CNS	Selective Call Rejection	Call Rejection	0.0	0.0	0.0	0.0
CNS	Shared Speed Calling	Abbr Acc/Act (1-2 Digit)	97.7	97.7	97.7	97.7
CNS	Speed Calling	Speed Calling (8 No)	100.0	100.0	100.0	100.0
CNS	Warm Line	Warm Line	24.4	24.4	24.4	24.4
CNS	CFDA After CW	Call Waiting	97.1	97.1	97.1	97.1
CNS	CFBL & CFDA Intraswitch	Call Fwd Busy Line/DA	100.0	100.0	100.0	100.0
CNS	Custom Ring'g-CF(future)	Custom Ringing-Call Fwd	0.0	0.0	0.0	0.0
CNS	CFDA To DID Intraswitch	Expanded Answer	0.0	0.0	0.0	0.0
CNS	CFBL & CFDA Interswitch	Call Fwd'ing BL/DA (Exp)	100.0	100.0	100.0	100.0
CNS	Speed Calling (30 No)	Speed Calling (30 No)	100.0	100.0	100.0	100.0
CNS	MWI Audible/Visual	MWI ATR Aud/Vis	25.5	25.5	25.5	25.5
CNS	Rm Call Fwd On DID Lines	Call Planner	0.0	0.0	0.0	0.0
CNS	Number Forwarding	Number Forwarding	0.0	0.0	0.0	0.0
CNS	Easy Access	Easy Access	0.0	0.0	0.0	0.0
CNS	Call Queuing	Call Queuing	0.0	0.0	0.0	0.0
CNS	Selective Call Waiting	Selective Call Waiting	0.0	0.0	0.0	0.0
CNS	Wireless Extension	Wireless Extension	0.0	0.0	0.0	0.0

SUMMARY FOR MARKET AREA: DENVER - COLORADO

Percentage Availability of ONA Services By Date for DENVER

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSA	C2 TypA - X.25 Pkt Sw	Packet Switching (X.25)	100.0	100.0	100.0	100.0
BSA	C2 TypB - X.75 Pkt Sw	Packet Switching (X.75)	100.0	100.0	100.0	100.0
BSA	Direct Current (MT3)	Direct Current (MT3)	100.0	100.0	100.0	100.0
BSA	McCulloh Loop (LS2)	McCulloh Loop (LS2)	100.0	100.0	100.0	100.0
BSA	Frame Relay Service	Frame Relay Service	100.0	100.0	100.0	100.0
BSA	ATM Cell Relay Service	ATM Cell Relay Service	100.0	100.0	100.0	100.0
BSA	C3 TypA - Ded Metallic	Analog PLS-DCCS	100.0	100.0	100.0	100.0
BSA	C3 TypB - Ded Telegraph	Analog PLS-LSDS	100.0	100.0	100.0	100.0
BSA	C3 TypC - Ded Voice Grd	Analog PLS-VGS	100.0	100.0	100.0	100.0
BSA	C3 TypD - Ded Prgm Audio	Analog PLS-AS	100.0	100.0	100.0	100.0
BSA	C3 TypE - Ded Video	Analog PLS-VS	100.0	100.0	100.0	100.0
BSA	C3 TypF - Ded < 64kbps	Digital Data Service	100.0	100.0	100.0	100.0
BSA	C3 TypG - Ded 1.544Mbps	DS1 Service	100.0	100.0	100.0	100.0
BSA	C3 TypH - Ded >1.544Mbps	DS3 Service	100.0	100.0	100.0	100.0
BSA	C4 - Ded Ntwk Access Link	Analog PLS	100.0	100.0	100.0	100.0
BSA	Data Over Voice (DOV)	Simultaneous Voice/Data	100.0	100.0	100.0	100.0
BSA	C3 TypK - Ded 64 kbps	Digital Data Svc-64kbps	100.0	100.0	100.0	100.0
BSA	C1 TypA - Ckt Sw Line	Voice Gr Line Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	C1 TypB - Ckt Sw Trunk	Voice Gr Trnk Ckt Swt'd	100.0	100.0	100.0	100.0
BSA	Coin Ph-Post Dial DTMF	SP & Shared Coin Lines	100.0	100.0	100.0	100.0
BSA	Faster Signaling-DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSA	555 Access Service	555 Access Service	100.0	100.0	100.0	100.0

Percentage Availability of ONA Services By Date for DENVER

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/10	12/31/11	12/31/12	12/31/13
BSE	Call Det Recd'g Rptn Pkt	Acc Svc Bill Info (pkt)	100.0	100.0	100.0	100.0
BSE	Call Redirection Packet	Backup/Redirection (pkt)	100.0	100.0	100.0	100.0
BSE	Closed User Groups Pkt	Closed User Group (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Accept Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Fast Select Request Pkt	Fast Select Accept (pkt)	100.0	100.0	100.0	100.0
BSE	Hunt Groups Packet	Mult Port Hunt Grp (pkt)	100.0	100.0	100.0	100.0
BSE	Menu Acs Trans - Gateway	Community Link	0.0	0.0	0.0	0.0
BSE	Reverse Chg Accept Pkt	Rev Chg Acceptance (pkt)	100.0	100.0	100.0	100.0
BSE	Incoming Cls Barred-Pkt	CUG Inc Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Outgoing Cls Barred-Pkt	CUG Out Acc Barred (pkt)	100.0	100.0	100.0	100.0
BSE	Flow Contr Param Neg-Pkt	Flow Control Param (pkt)	100.0	100.0	100.0	100.0
BSE	Logical Chan Layout-Pkt	Logical Chan Layout(pkt)	100.0	100.0	100.0	100.0
BSE	Logical Channels-Pkt	Logical Channel (pkt)	100.0	100.0	100.0	100.0
BSE	Mult Ntwk Addr/Port-Pkt	Mult Ntwk Addresses(pkt)	100.0	100.0	100.0	100.0
BSE	Default Window Size-Pkt	Non-Std Window Size(pkt)	100.0	100.0	100.0	100.0
BSE	Perm Virtual Ckt-Pkt	Perm Virtual Ckt (pkt)	100.0	100.0	100.0	100.0
BSE	Rev Chg Req Optn-Pkt	Rev Charge Option (pkt)	100.0	100.0	100.0	100.0
BSE	Calling Name Delivery	Calling Name Delivery	100.0	100.0	100.0	100.0
BSE	Redirecting Name Deliv	Redirecting Name Deliv	100.0	100.0	100.0	100.0
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0	100.0	100.0	100.0
BSE	Automatic Protect Swtchg	Automatic Loop Transfer	100.0	100.0	100.0	100.0
BSE	Bridging	Bridging	100.0	100.0	100.0	100.0
BSE	Conditioning	Private Line Condition	100.0	100.0	100.0	100.0
BSE	Secondary Ch Capability	Secondary Channel	100.0	100.0	100.0	100.0
BSE	Network Reconfiguration	Command-A-Link	100.0	100.0	100.0	100.0
BSE	Order Entry Service	ANI Order Entry	100.0	100.0	100.0	100.0
BSE	Trans Imprv-Ckt Sw Svcs	Improve Trans Perform	100.0	100.0	100.0	100.0
BSE	Multiplexing-Digital	Multiplexing	100.0	100.0	100.0	100.0
BSE	Call Det Rcdg-NXX Screen	Network Access Service	100.0	100.0	100.0	100.0
BSE	Traffic Data Reports	Traffic Data Report Svc	100.0	100.0	100.0	100.0
BSE	Call Evnt & Mgt Sgnl Svc	Call Evnt & Mgt Sgnl Svc	100.0	100.0	100.0	100.0
BSE	Ethernet Prts Over SONET	Ethernet Prts Over SONET	100.0	100.0	100.0	100.0
BSE	Alternate Routing	Alt Traffic Routing	100.0	100.0	100.0	100.0
BSE	Answer Supv'n Line Side	Ans Supv'n - Line Side	39.6	39.6	39.6	39.6
BSE	Call Detail Recrd'g Rpts	Access Svc Billing Info	100.0	100.0	100.0	100.0
BSE	Clld DN Deliv via DID	Called Dir No Deliv(DID)	100.0	100.0	100.0	100.0
BSE	Flexible ANI	Flexible ANI	39.3	39.3	39.3	39.3
BSE	Cllg Bllg Num Deliv FG B	Auto Number ID (FGB)	100.0	100.0	100.0	100.0
BSE	Cllg Bllg Num Deliv FG D	Auto Number ID (FGD)	100.0	100.0	100.0	100.0
BSE	Cllg DN Deliv via BCLID	Calling No. ID (BCLID)	0.0	0.0	0.0	0.0
BSE	Cllg DN Deliv via ICLID	Caller ID - Number	0.0	0.0	0.0	0.0
BSE	DID Trunk Queuing	DID Trk Q & Basic Announ	0.0	0.0	0.0	0.0
BSE	Make Busy Key	Make Busy	99.7	99.7	99.7	99.7
BSE	Message Desk (SMDI)	Message Delivery Service	40.6	40.6	40.6	40.6
BSE	MWI Activation (Audible)	Message Delivery Service	40.6	40.6	40.6	40.6
BSE	MWI Activation (Visual)	Message Delivery Service	40.6	40.6	40.6	40.6
BSE	Multiline Hunt Group	Hunting	100.0	100.0	100.0	100.0