#### **CARRIER-TO-CARRIER AGREEMENT CHECKLIST**

INSTRUCTIONS: Please complete all applicable parts of this form and submit it with related materials when filing a carrier-to-carrier agreement pursuant to 47 U.S.C. 252 and OAR 860-016-0000 et al. The Commission will utilize the information contained in this form to determine how to process the filing.

•	PARTIES Requesting Carrier	Affected Carrier
ame:		
ddress	s:	
	PRIMARY CONTACT PERSON FOR PROCESS	TING INFORMATION.
ame:		Di .
.ddress	s:	
uuicss		
		_
	<b>TYPE OF FILING</b> (Check all that apply. For	example, parties seeking to adopt a previously approved agreement
	` 11 2	dments should check both "Adoption" and "Amendment" categories.)
	Adoption: Adopts interconnection agreement previous	sly approved by the Commission.
		&
		No(s)
	Does filing adopt amendments to base agreement prev	
	NO	and the second s
	<del></del>	, Order No(s)
	New Agreement: Seeks approval of new negotiated ag	
	•	ne parties that was previously approved by the Commission?
	NO	
	YES, approved in Docket ARB	, Order No(s).
	Amendment: Amends an existing carrier-to-carrier ag	
	If the original agreement was negotiated, has it been a	approved by Commission?
	NO, decision pending in Docket ARB	
	• •	, Order No(s)
		was its docket number? Docket ARB
	Other: Please explain.	

# Unbundled Dedicated Interoffice Transport (UDIT) Amendment to the Interconnection Agreement between Qwest Corporation and Covad Communications Company for the State of Oregon

This is an Amendment ("Amendment") for Unbundled Dedicated Interoffice Transport (UDIT) to the Interconnection Agreement between Qwest Corporation ("Qwest"), formerly known as U S WEST Communications, Inc., a Colorado corporation, and Covad Communications Company ("CLEC"). CLEC and Qwest shall be known jointly as the "Parties".

#### **RECITALS**

WHEREAS, CLEC and Qwest entered into an Interconnection Agreement ("Agreement") for service in the state of Oregon which was approved by the Oregon Public Utility Commission ("Commission"); and

WHEREAS, the Parties wish to amend the Agreement further under the terms and conditions contained herein.

NOW THEREFORE, in consideration of the mutual terms, covenants and conditions contained in this Amendment and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

#### **AGREEMENT**

#### **Amendment Terms**

The Agreement is hereby amended by adding terms, conditions and rates for Unbundled Dedicated Interoffice Transport (UDIT) as set forth in Attachment 1 and Exhibits A and B, to this Amendment, attached hereto and incorporated herein by this reference.

#### **Effective Date**

This Amendment shall be deemed effective upon approval by the Commission; however, the Parties shall implement the provisions of this Amendment upon execution. To accommodate this need, CLEC will generate, if necessary, an updated section of the Customer Questionnaire relating to UDIT and EUDIT. Updates shall be made to Qwest systems in substantially the same time and manner as for other wholesale customers, including Qwest affiliates that are also wholesale customers of Qwest. Qwest will notify CLEC within three (3) business days after all system changes have been made. Order processing will begin once the system changes have been completed.

#### **Further Amendments**

Except as modified herein, the provisions of the Agreement shall remain in full force and effect. Neither the Agreement nor this Amendment may be further amended or altered except by written instrument executed by an authorized representative of both Parties.

The Parties intending to be legally bound have executed this Amendment as of the dates set forth below, in multiple counterparts, each of which is deemed an original, but all of which shall constitute one and the same instrument.

Covad Communications Company	Qwest Corporation	
Signature	Signature	
Name Printed/Typed	L. T. Christensen Name Printed/Typed	
Title	<u>Director – Business Policy</u> Title	
Date	Date	

#### **ATTACHMENT 1**

#### **Unbundled Dedicated Interoffice Transport (UDIT)**

Qwest shall provide access to Unbundled Dedicated Interoffice Transport (UDIT) in a non-discriminatory manner according to the following terms and conditions.

#### 1. Description

- 11 Unbundled Dedicated Interoffice Transport (UDIT) provides CLEC with a network element of a single transmission path between Qwest end offices. Serving Wire Centers or tandem switches in the same LATA and state. A UDIT can also provide a path between one CLEC in one Qwest Wire Center and a different CLEC in another Qwest Wire Center. Extended Unbundled Dedicated Interoffice Transport (EUDIT) provides the CLEC with a bandwidth specific transmission path between the Qwest Serving Wire Center to the CLEC's Wire Center or an IXC's point of presence located within the same Qwest Serving Wire Center area. UDIT is a distance-sensitive, flat-rated bandwidth-specific interoffice transmission path designed to a DSX in each Qwest Wire Center. Qwest shall allow CLEC to access UDIT that is a part of a Meet Point arrangement between Qwest and another Local Exchange Carrier if CLEC has an Interconnection agreement containing access to UDIT with the connecting Local Exchange Carrier at the determined Meet Point. Qwest rates, terms and conditions shall apply to the percentage of the route owned by Qwest. EUDIT is a flat-rated, bandwidth-specific interoffice transmission path. EUDIT and UDIT are available in DS0 through OC-192 bandwidths and such higher capacities as evolve over time where facilities are available. CLEC can assign channels and transport its choice of voice or data. Specifications, interfaces and parameters are described in Qwest Technical Publication 77389.
- 1.2 An unbundled multiplexer is offered as an optional stand-alone element associated with UDIT. A 3/1 multiplexer provides CLEC with the ability to multiplex the DS3 44.736 Mbps signal to 28 DS1 1.544 Mbps channels. The 3/1 multiplexer, in conjunction with an ITP, provides a DS3 signal terminated at a demarcation point and 28 DS1 signals terminated at a demarcation point. A 1/0 multiplexer provides CLEC with the ability to multiplex the DS1 1.544 Mbps signal to 24 DS0 64 Kbps channels. The 1/0 multiplexer provides a DS1 signal terminated at a demarcation point and 24 DS0 signals terminated at a demarcation point. SONET add/drop multiplexing is available on an ICB basis where facilities are available and capacity exists.

#### 2. Terms and Conditions

- 2.1 To the extent that CLEC is ordering access to a UNE Combination, including combinations of UDIT and EUDIT, Qwest will perform requested and necessary cross-connections between UNEs in substantially the same time and manner as it would perform such cross-connections for its end user customers and/ or for itself. If not ordered as a combination, CLEC is responsible for performing cross connections within its Collocation or other mutually determined demarcation points between UNE's and ancillary or finished services, and for transmission design work including regeneration requirements for such connections. Such cross-connections will not be required of CLEC when CLEC orders a continuous dedicated transport element from one point to another.
- 2.2 CLEC must order all multiplexing elements (if it chooses the multiplexing option) and regeneration requirements with its initial installation for the 3/1 multiplexer, including all 28 DS1s and the settings on the multiplexer cards. If options are not selected and identified on the order by CLEC, the order will be held until options are selected. For the 1/0 multiplexer, the low side channels may be ordered as needed. Low Side Channelization charges are assigned as channels are ordered.
- 2.3 With the exception of combinations provided through the UNE Combinations Section of the Agreement, CLEC may utilize any form of Collocation at both ends of the UDIT. Collocation is required at only one end of EUDIT. When UDIT and EUDIT are ordered together to form a single transmission path, Collocation at the Qwest Serving Wire Center is not required. If regeneration is required only between the UDIT or EUDIT termination point (the DSX panel or equivalent) and CLEC's Collocation, CLEC must order such regeneration pursuant to this Amendment and the charges listed in Exhibit A will apply.
- 2.4 If the Commission determines that Qwest may not assess CLECs a regeneration charge, Qwest will cease charging Covad for regeneration as of the effective date of the Commission's decision. If the Commission's decision is deemed to have retroactive application as stated in that decision or by operation of law, Qwest will abide by that decision.
- 2.5 CLEC shall not use extended unbundled interoffice transport (EUDIT) as a substitute for special or Switched Access Services, except to the extent CLEC provides such services to its end user customers in association with local Exchange Services or to the extent that such UNEs meet the significant amount of local exchange traffic requirement set forth in this Amendment (hereinafter collective referred to as "Local Use Restrictions"). Pending resolution by the FCC or the Commission, Qwest shall not apply the Local Use Restrictions to EUDIT.

- 2.6 For DS1 EUDIT, Qwest may provide existing copper to the CLEC's serving Wire Center. For EUDIT above DS1, Qwest provides an optical interface at the location requested by CLEC.
- 2.7 At the terminating location for each EUDIT, space shall be provided to Qwest for the necessary termination equipment.
- 2.8 EUDIT cannot traverse a Qwest Wire Center.

#### 3. Rate Elements

- 3.1 DS1 UDIT rates are contained in Exhibit A of this Amendment and include the following elements:
  - a) DS1 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 1.544 Mbps termination at a DSX or DCS. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.
  - b) DS1 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 1.544 Mbps between Qwest Wire Centers. This is a mileage sensitive element based on the V&H coordinates of the DS1 UDIT. The mileage is calculated between the originating and terminating offices.
  - c) DS1 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 1.544 Mbps between a Qwest Wire Center and CLEC Wire Center or IXC point of presence. This is a non-distance sensitive rate element.
  - d) DS1 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the DS1 service.
  - e) DS1 EUDIT Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of a DS1 EUDIT Facility.
- 3.2 DS3 UDIT rates are contained in Exhibit A of this Amendment and include the following elements:
  - a) DS3 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 44.736 Mbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.
  - b) DS3 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides an interoffice transmission path of 44.736 Mbps between Qwest Wire Centers. This is a mileage sensitive element based on the V&H coordinates of the DS3 UDIT. The mileage is

calculated between the originating and terminating offices.

- c) DS3 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 44.736 Mbps between a Qwest Serving Wire Center and CLEC's serving Wire Center or IXC point of presence. This is a non-distance sensitive element.
- d) DS3 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the DS3 service.
- e) DS3 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of a DS3 EUDIT Facility.
- 3.3 DS0 UDIT rates are contained in Exhibit A of this Amendment and include the following elements:
  - a) DS0 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 64 Kbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.
  - b) DS0 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 64 Kbps between Qwest Wire Centers. This is a mileage sensitive element based on the V&H coordinates of the DS0 UDIT. The mileage is calculated between the originating and terminating offices.
  - c) DS0 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the DS0 service.
- 3.4 OC-3 UDIT rates are contained in Exhibit A of this Amendment and include the following elements:
  - a) OC-3 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 155.52 Mbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.
  - b) OC-3 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 155.52 Mbps between Qwest Wire Centers. This is a distance sensitive element based on the V&H coordinates of the OC-3 UDIT. The mileage is calculated between the originating and terminating offices.
  - c) OC-3 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 155.52 Mbps between a Qwest Serving Wire Center and CLEC's serving Wire Center or IXC point of presence. This is a non-distance sensitive element.

- d) OC-3 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the OC-3 service.
- e) OC-3 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of an OC-3 EUDIT Facility.
- 3.5 OC-12 UDIT rates are contained in Exhibit A of this Amendment and include the following elements:
  - a) OC-12 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 622.08 Mbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.
  - b) OC-12 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 622.08 Mbps between Qwest Wire Centers. This is a distance sensitive element based on the V&H coordinates of the OC-12 UDIT. The mileage is calculated between the originating and terminating offices.
  - c) OC-12 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 622.08 Mbps between a Qwest Serving Wire Center and CLEC's serving Wire Center or IXC point of presence. This is a non-distance sensitive element.
  - d) OC-12 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the OC-12 service.
  - e) OC-12 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of an OC-12 EUDIT Facility.
- 3.6 Low Side Channelization (LSC) Charge. A recurring charge for low side multiplexed channel cards and settings at each end of the DS0 UDIT.
- 3.7 3/1 Multiplexing rates are contained in Exhibit A of this Amendment, and include the following:
  - a) Recurring Multiplexing Charge. The DS3 Central Office Multiplexer provides de-multiplexing of one DS3 44.736 Mbps to 28 1.544 Mbps channels.
  - b) Non-recurring Multiplexing Charge. One-time charges apply for a specific work activity associated with installation of the Multiplexing service.
- 3.8 1/0 Multiplexing rates are contained in Exhibit A of this Amendment, and include the following charges:

- a) Recurring Multiplexing Charge. The DS0 Central Office Multiplexer provides de-multiplexing of one DS1 1.544 Mbps to 24 64 Kbps channels.
- b) Non-recurring Multiplexing Charge. One-time charges apply for a specific work activity associated with installation of the multiplexing service, including low side channelization of all 28 channels.
- c) Low Side Channelization (LSC). A recurring charge for low side multiplexed channel cards and settings plus a non-recurring charge for each individual channelization provisioning.
- 3.9 Rearrangement rates are contained in Exhibit A of this Amendment.

#### 4. Ordering Process

- 4.1 Ordering processes and installation intervals are as follows:
  - 4.1.1 UDIT is ordered via the ASR process. Ordering processes are contained in the Support Functions Section of the Agreement.
- 4.2 The interval will start when Qwest receives a complete and accurate Access Service Request (ASR). This date is considered the start of the installation interval if the order is received prior to 3:00 p.m. The installation interval will begin on the next business day for service requests received after 3:00 p.m. The installation intervals have been established and are set forth in Exhibit B, Section 1.0, to this Amendment.
  - 4.2.1 Subsequent changes to the quantity of services on an existing order will require a revised order. Also, additional charges apply for the following modifications to existing orders unless the need for such change is caused by Qwest:
  - (a) Service date changes;
  - (b) Partial cancellation;
  - (c) Design change; and
  - (d) Expedited order.
  - 4.2.2 An order may be canceled any time up to and including the service date. Cancellation charges will apply.
  - 4.2.3 Definitions of the most common critical dates that occur during the ordering and installation process are included in the Definitions Section of the Agreement.

- 4.3 UDIT is ordered with basic installation. Qwest will install the UDIT extending connections to CLEC demarcation point and will notify CLEC when the work activity is complete.
- 4.4 UDIT 3/1 multiplexing is provisioned as a complete system with terminations at the demarcation point and all multiplexing cards. CLEC must order settings for all cards at the time of the multiplexing request.
- 4.5 For UDIT 1/0 multiplexing, the high side is fully provisioned with the order. The low side is provisioned when low side channels are ordered. Optional card settings are selected by CLEC at the time of the DS0 order.
- 4.5 Qwest will perform industry standard tests when installing UDIT service.

#### 5. Maintenance and Repair

5.1 The Parties will perform cooperative testing and trouble isolation to identify where trouble points exist. CLEC cross connections will be repaired by CLEC and Qwest cross connections will be repaired by Qwest. Maintenance and Repair processes are contained in the Support Functions Section of the Agreement.

#### 6. Rearrangement

- 6.1 CLEC can submit requests through the ASR process to move or rearrange UDIT or EUDIT terminations on CLEC's demarcation point or to change UDIT or EUDIT options. These rearrangements are available through a single office or dual office request. Single office rearrangements are limited to the change in options or movement of terminations within a single Wire Center. Dual office rearrangements are used to change options or movement of terminations in two (2) Wire Centers. Rearrangement is only available for inplace and working UDITs or EUDITs.
- 6.2 The rearrangement of terminations or option changes are completed as an "uncoordinated change" (basic request) and will be completed within the normal intervals outlined in Exhibit B of this Amendment. If CLEC desires a coordinated rearrangement of terminations or option changes, additional labor installation charges as identified in Exhibit A shall apply.
- 6.3 CLEC will submit an ASR with the rearrange USOC and appropriate termination information (e.g. CFA) or NC/NCI codes (Network Channel Codes/Network Channel Interface Codes).

Amendment				
Unbundled Network Elements (UNEs)	}			
	Recurring Fixed	Recurring Per Mile	Nonrecurring	
1.1 Unbundled Dedicated Interoffice Transport (UDIT)				
1.1.1 DS0 UDIT			\$320.00	
DS0 Over 0 to 8 Miles	\$19.74	\$0.09	Ψ020.00	
DS0 Over 8 to 25 Miles	\$19.74	\$0.08		
DS0 Over 25 to 50 Miles	\$19.74	\$0.11		
DS0 Over 50 Miles	\$19.74	\$0.08		
1.1.2 DS1 UDIT			\$335.00	
DS0 Over 0 to 8 Miles	\$37.94	\$0.49	φ335.00	
DS0 Over 0 to 8 Miles	\$37.94	\$0.85		
DS1 Over 25 to 50 Miles	\$37.94	\$1.16		
DS1 Over 50 Miles	\$37.94	\$1.17		
4.4.2 DC2.UDIT	-		#00F 00	
1.1.3 DS3 UDIT  DS3 Over 0 to 8 Miles	\$253.13	\$9.95	\$335.00	
DS3 Over 8 to 25 Miles	\$253.13	\$10.19		
DS3 Over 25 to 50 Miles	\$253.13	\$14.27		
DS3 Over 50 Miles	\$253.13	\$21.11		
444 000 010			2004.00	
1.1.4 OC-3 UDIT  OC-3 Over 0 to 8 Miles	\$897.39	\$258.80	\$331.92	1
OC-3 Over 8 to 25 Miles	\$904.91	\$73.27		1
OC-3 Over 25 to 50 Miles	\$864.21	\$94.54		1
OC-3 Over 50 Miles	\$896.48	\$58.82		1
4.4.5			0004.00	4
1.1.5 OC-12 UDIT  OC-12 Over 0 to 8 Miles	\$2,540.93	\$84.80	\$331.92	1
OC-12 Over 8 to 25 Miles	\$2,540.93	\$90.11		1
OC-12 Over 25 to 50 Miles	\$2,540.93	\$96.86		1
OC-12 Over 50 Miles	\$2,540.93	\$115.61		1
1.1.6 OC-48 UDIT			Under	
00.40.00.15.0.15	ļ.,		Development	
OC-48 Over 0 to 8 Miles	Under Development			
OC-48 Over 8 to 25 Miles	Under			
	Development			
OC-48 Over 25 to 50 Miles	Under	Under		
OC 40 Over F0 Miles	Development			
OC-48 Over 50 Miles	Under Development	Under Development		
	Bevelopment	Development		
		Recurring	Nonrecurring	
1.1.7 DS0 UDIT Low Side Channelization		\$13.82		1
1.1.8 Multiplexing	1			
DS3 to DS1		\$203.54	Under Development	
DS1 to DS0		\$212.76	\$310.43	
DS1/DS0 Low Side Channelization		\$7.98	Under	1
	-		Development	
1.1.9 Extended Unbundled Dedicated Interoffice Transport	1			
DS1 E-UDIT		\$87.37	\$579.75	
DS3 E-UDIT		\$363.42	\$579.75	
OC-3 E-UDIT		\$842.18	\$1,076.65	1

June 07, 2001 1 of 2

## Exhibit A Oregon

OC-48 E-UDIT	Under	Under	
	Development	Development	
1.1.10 UDIT Rearrangement			
Single Office		\$233.03	10
Dual Office		\$260.02	10
1.2 Channel Regeneration			
1.2.1 Channel Regeneration			
1.2.1.1 DS1 Regeneration	\$218.83	Under	1
		Development	
1.2.1.2 DS3 Regeneration	\$53.14	Under	1
		Development	

#### NOTES:

June 07, 2001 2 of 2

<sup>\*</sup> Unless otherwise indicated, all rates are pursuant to rates approved by the Oregon PUC. The rates are contained in Oregon Tariff #26 (Interconnection and Unbundled Elements), Section 10 and Oregon Tariff #24 (Access Service),

<sup>[1]</sup> TELRIC-based rates not contained in current or pending Oregon Tariffs.

# EXHIBIT B SERVICE INTERVAL TABLES

### 1.0 Unbundled Dedicated Interoffice Transport (UDIT) Service Interval Table:

		Installation	Repair
Product	Services Ordered	Commitments	Commitments
UDIT, EUDIT,			
DS0	1 to 8	High Density: Five (5)	4 hrs. High
		Business Days	Density
		-	-
		Low Density: Six (6)	4 hrs. Low
		Business Days	Density
	9 to 16	High Density: Six (6)	4 hrs. High
		Business Days	Density
		Low Density: Seven (7)	4 hrs. Low
		Business Days	Density
	17 to 24	High Density: Seven (7)	4 hrs. High
		Business Days	Density
		Low Density: Eight (8)	4 hrs. Low
	0.5	Business Days	Density
D04	25 or more	ICB	ICB
DS1	1 to 8	High Density: Five (5)	4 hrs High
		Business Days	Density
		Low Donaity: Fight (9)	
		Low Density: Eight (8) Business Days	4 hrs Low Density
	9 to 16	High Density: Six (6)	4 hrs High
	9 10 10	Business Days	Density
		Dusiness Days	Density
		Low Density: Nine (9)	
		Business Days	4 hrs Low Density
	17 to 24	High Density: Seven (7)	4 hrs High
		Business Days	Density
		Low Density: Ten (10)	
		Business Days	4 hrs Low Density
	25 or more	ICB	4 hrs
DS3	1 to 3 Circuits	High Density: Seven (7)	4 hrs High
		Business Days	Density
		Low Density: Nine (9)	
		Business Days	4 hrs Low Density
	4 or more Circuits	ICB	4 hrs
OC3 and Higher	1 or more Circuits	ICB	4 hrs
UDIT AND EUDIT	Single Band Width	UDIT Interval + 3 days	
Facility			

Exhibit B May 1, 2001 Page 1