



Gary Peddicord
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March 15, 2010

VIA FEDERAL EXPRESS

Ms. Renee J. Jenkins
Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215 - 3793

Re: In the Matter of the Joint Application of Cincinnati Bell Telephone Company LLC and tw telecom of ohio llc, for Approval of an Interconnection Agreement Amendment Under Sections 251 and 252 of the Telecommunications Act of 1996, Case No. 10-308-TP-NAG

Dear Ms. Jenkins:

Enclosed for filing in the above-referenced proceeding is an application seeking Commission approval of an interconnection agreement amendment between Cincinnati Bell Telephone Company LLC and telecom of ohio llc.

Any questions regarding this filing should be directed to me at (513) 565-3800.

Respectfully submitted,

/s/ Gary Peddicord
Gary Peddicord
Director – Carrier Operations

The Public Utilities Commission of Ohio
TELECOMMUNICATIONS APPLICATION FORM for ROUTINE PROCEEDINGS
(Effective: 01/18/2008)

In the Matter of the Application of Cincinnati Bell Telephone)
LLC and tw telecom of ohio llc, to seek approval of an)
Interconnection Agreement Amendment pursuant to Section)
252 of the Telecommunications Act of 1996)

TRF Docket No. 90-_____

Case No. 10 -308 -**TP** - NAG

NOTE: Unless you have reserved a Case # or are filing a Contract,
leave the "Case No" fields BLANK.

Name of Registrant(s) Cincinnati Bell Telephone Company LLC

DBA(s) of Registrant(s) _____

Address of Registrant(s) 221 East Fourth Street, Cincinnati Ohio 45201

Company Web Address www.cincinnati-bell.com

Regulatory Contact Person(s) Robert Wilhelm

Phone 513-397-6858

Fax 513-421-1367

Regulatory Contact Person's Email Address Bob.Wilhelm@cinbell.com

Contact Person for Annual Report Robert Wilhelm

Phone 513-397-6858

Address (if different from above) _____

Consumer Contact Information Kathy Campbell

Phone 513-397-1296

Address (if different from above) _____

Motion for protective order included with filing? ☐ Yes ☒ No

Motion for waiver(s) filed affecting this case? ☐ Yes ☒ No [Note: Waivers may toll any automatic timeframe.]

Section I – Pursuant to Chapter 4901:11-6 OAC – Part I – Please indicate the Carrier Type and the reason for submitting this form by checking the boxes below. CMRS providers: Please see the bottom of Section II.

NOTES: (1) For requirements for various applications, see the identified section of Ohio Administrative Code Section 4901 and/or the supplemental application form noted.

(2) Information regarding the number of copies required by the Commission may be obtained from the Commission's web site at www.puco.ohio.gov under the docketing information system section, by calling the docketing division at 614-466-4095, or by visiting the docketing division at the offices of the Commission.

Carrier Type <input type="checkbox"/> Other (explain below)	<input checked="" type="checkbox"/> ILEC	<input type="checkbox"/> CLEC	<input type="checkbox"/> CTS	<input type="checkbox"/> AOS/IOS
Tier 1 Regulatory Treatment				
Change Rates within approved Range	<input type="checkbox"/> TRF <u>1-6-04(B)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-04(B)</u> (0 day Notice)		
New Service, expanded local calling area, correction of textual error	<input type="checkbox"/> ZTA <u>1-6-04(B)</u> (0 day Notice)	<input type="checkbox"/> ZTA <u>1-6-04(B)</u> (0 day Notice)		
Change Terms and Conditions, Introduce non-recurring service charges	<input type="checkbox"/> ATA <u>1-6-04(B)</u> (Auto 30 days)	<input type="checkbox"/> ATA <u>1-6-04(B)</u> (Auto 30 days)		
Introduce or Increase Late Payment or Returned Check Charge	<input type="checkbox"/> ATA <u>1-6-04(B)</u> (Auto 30 days)	<input type="checkbox"/> ATA <u>1-6-04(B)</u> (Auto 30 days)		
Business Contract	<input type="checkbox"/> CTR <u>1-6-17</u> (0 day Notice)	<input type="checkbox"/> CTR <u>1-6-17</u> (0 day Notice)		
Withdrawal	<input type="checkbox"/> ATW <u>1-6-12(A)</u> (Non-Auto)	<input type="checkbox"/> ATW <u>1-6-12(A)</u> (Auto 30 days)		
Raise the Ceiling of a Rate	Not Applicable	<input type="checkbox"/> SLF <u>1-6-04(B)</u> (Auto 30 days)		
Tier 2 Regulatory Treatment				
Residential - Introduce non-recurring service charges	<input type="checkbox"/> TRF <u>1-6-05(E)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-05(E)</u> (0 day Notice)		
Residential - Introduce New Tariffed Tier 2 Service(s)	<input type="checkbox"/> TRF <u>1-6-05(C)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-05(C)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-05(C)</u> (0 day Notice)	
Residential - Change Rates, Terms and Conditions, Promotions, or Withdrawal	<input type="checkbox"/> TRF <u>1-6-05(E)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-05(E)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-05(E)</u> (0 day Notice)	
Residential - Tier 2 Service Contracts	<input type="checkbox"/> CTR <u>1-6-17</u> (0 day Notice)	<input type="checkbox"/> CTR <u>1-6-17</u> (0 day Notice)	<input type="checkbox"/> CTR <u>1-6-17</u> (0 day Notice)	
Commercial (Business) Contracts	Not Filed	Not Filed	Not Filed	
Business Services (see "Other" below)	Detariffed	Detariffed	Detariffed	
Residential & Business Toll Services (see "Other" below)	Detariffed	Detariffed	Detariffed	

Section I – Part II – Certificate Status and Procedural

Certificate Status	ILEC	CLEC	CTS	AOS/IOS
Certification (See Supplemental ACE form)		<input type="checkbox"/> ACE 1-6-10 (Auto 30 days)	<input type="checkbox"/> ACE 1-6-10 (Auto 30 days)	<input type="checkbox"/> ACE 1-6-10 (Auto 30 days)
Add Exchanges to Certificate	<input type="checkbox"/> ATA 1-6-09(C) (Auto 30 days)	<input type="checkbox"/> AAC 1-6-10(F) (0 day Notice)	CLECs must attach a current CLEC Exchange Listing Form	
Abandon all Services - With Customers	<input type="checkbox"/> ABN 1-6-11(A) (Non-Auto)	<input type="checkbox"/> ABN 1-6-11(A) (Auto 90 day)	<input type="checkbox"/> ABN 1-6-11(B) (Auto 14 day)	<input type="checkbox"/> ABN 1-6-11(B) (Auto 14 day)
Abandon all Services - Without Customers		<input type="checkbox"/> ABN 1-6-11(A) (Auto 30 days)	<input type="checkbox"/> ABN 1-6-11(B) (Auto 14 day)	<input type="checkbox"/> ABN 1-6-11(B) (Auto 14 day)
Change of Official Name (See below)	<input type="checkbox"/> ACN 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> ACN 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)
Change in Ownership (See below)	<input type="checkbox"/> ACO 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> ACO 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)
Merger (See below)	<input type="checkbox"/> AMT 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> AMT 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)
Transfer a Certificate (See below)	<input type="checkbox"/> ATC 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> ATC 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)
Transaction for transfer or lease of property, plant or business (See below)	<input type="checkbox"/> ATR 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> ATR 1-6-14(B) (Auto 30 days)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)	<input type="checkbox"/> CIO 1-6-14(A) (0 day Notice)
Procedural				
Designation of Process Agent(s)	<input type="checkbox"/> TRF (0 day Notice)	<input type="checkbox"/> TRF (0 day Notice)	<input type="checkbox"/> TRF (0 day Notice)	<input type="checkbox"/> TRF (0 day Notice)

Section II – Carrier to Carrier (Pursuant to [4901:1-7](#)), CMRS and Other

Carrier to Carrier	ILEC	CLEC		
Interconnection agreement, or amendment to an approved agreement	<input checked="" type="checkbox"/> NAG 1-7-07 (Auto 90 day)	<input type="checkbox"/> NAG 1-7-07 (Auto 90 day)		
Request for Arbitration	<input type="checkbox"/> ARB 1-7-09 (Non-Auto)	<input type="checkbox"/> ARB 1-7-09 (Non-Auto)		
Introduce or change c-t-c service tariffs,	<input type="checkbox"/> ATA 1-7-14 (Auto 30 day)	<input type="checkbox"/> ATA 1-7-14 (Auto 30 day)		
Introduce or change access service pursuant to 07-464-TP-COI	<input type="checkbox"/> ATA (Auto 30 day)			
Request rural carrier exemption, rural carrier suspension or modification	<input type="checkbox"/> UNC 1-7-04 or 1-7-05 (Non-Auto)	<input type="checkbox"/> UNC 1-7-04 or 1-7-05 (Non-Auto)		
Pole attachment changes in terms and conditions and price changes.	<input type="checkbox"/> UNC 1-7-23(B) (Non-Auto)	<input type="checkbox"/> UNC 1-7-05 (Non-Auto)		
CMRS Providers See 4901:1-6-15	<input type="checkbox"/> RCC [Registration & Change in Operations] (0 day)		<input type="checkbox"/> NAG [Interconnection Agreement or Amendment] (Auto 90 days)	
Other* (explain) _____				

*NOTE: During the interim period between the effective date of the rules and an Applicant's Detariffing Filing, changes to existing business Tier 2 and all toll services, including the addition of new business Tier 2 and all new toll services, will be processed as 0-day TRF filings, and briefly described in the "Other" section above.

All Section I and II applications that result in a change to one or more tariff pages require, at a minimum, the following exhibits. Other exhibits may be required under the applicable rule(s). ACN, ACO, AMT, ATC, ATR and CIO applications see [the 4901:1-6-14 Filing Requirements on the Commission's Web Page](#) for a complete list of exhibits.

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s)
B	The Tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right margin.
C	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to the applicable rule(s).

Section III. – Attestation

Registrant hereby attests to its compliance with pertinent entries and orders issued by the Commission.

AFFIDAVIT

Compliance with Commission Rules and Service Standards

I am an officer/agent of the applicant corporation, _____, and am authorized to make this statement on its behalf.
(Name)

I attest that these tariffs comply with all applicable rules, including the Minimum Telephone Service Standards (MTSS) Pursuant to Chapter 4901:1-5 OAC for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's rules, including the Minimum Telephone Service Standards, as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the state of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on (Date) _____ at (Location) _____

*(Signature and Title) _____

(Date) _____

- *This affidavit is required for every tariff-affecting filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

VERIFICATION

I, Susan J. Maggard - Vice President & General Manager - Carrier Services

verify that I have utilized the Telecommunications Application Form for Routine Proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

*(Signature and Title)

Susan J. Maggard

(Date)

3/12/2010

**Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

Send your completed Application Form, including all required attachments as well as the required number of copies, to:

**Public Utilities Commission of Ohio
Attention: Docketing Division
180 East Broad Street, Columbus, OH 43215-3793**

Or

Make such filing electronically as directed in Case No 06-900-AU-WVR

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Joint Application)	
For Approval of An Agreement Amendment)	
Between Cincinnati Bell Telephone)	Case No. 10-308-TP-NAG
Company LLC and tw telecom of ohio llc)	
Pursuant to Section 252 of the)	
Telecommunications Act of 1996.)	

**JOINT APPLICATION FOR APPROVAL OF AN AGREEMENT
AMENDMENT PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996**

Cincinnati Bell Telephone Company LLC (“CBT”) hereby files the attached Third Amendment dated March 15, 2010 (“the Amendment”) between Cincinnati Bell Telephone Company LLC and tw telecom of ohio llc for review and approval by the Commission pursuant to the provisions of Section 252(e) of the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56 (1996) (codified at 47 U.S.C. 151 et. seq.), (“the Act”). The Amendment updates the agreement to include obligations from the FCC’s “Triennial Review” and “Triennial Review Remand” Orders.

WHEREFORE, the Joint Applicants request that the Commission approve the attached Amendment.

Respectfully submitted,

Cincinnati Bell Telephone Company LLC

By: /s/ Gary Peddicord

Gary Peddicord
Director – Carrier Operations
221 E. Fourth Street, 121-850
Cincinnati, Ohio 45202

**AMENDMENT NO. 3
TO THE
INTERCONNECTION AGREEMENT BETWEEN
tw telecom of ohio llc
and
CINCINNATI BELL TELEPHONE COMPANY LLC.
DATED _____, 2010**

THIS AMENDMENT is made by and between Cincinnati Bell Telephone Company LLC ("CBT") and tw telecom of ohio llc ("TWTC"), as of the ____ day of _____, 2010. CBT and TWTC are collectively referred to as the "Parties".

WHEREAS, the Parties executed an Interconnection Agreement on June 14, 2001, (the "Interconnection Agreement"); and

WHEREAS, the Parties desire to amend the Interconnection Agreement to change the unbundling obligations of CBT as mandated by the FCC's Order on Remand in CC Docket Nos. 01-338 and 04-313, FCC 04-290;

NOW, THEREFORE, for and in consideration of the promises contained herein, the parties to this Amendment, intending to be legally bound, hereby agree to amend the Interconnection Agreement as follows:

1. The following definitions have been added to ARTICLE I, DEFINITIONS:

"Fiber-Based Collocator" means any carrier, unaffiliated with CBT, that maintains a collocation arrangement in a CBT wire center, with active electrical power supply, and operates a fiber-optic cable or comparable transmission facility that (1) terminates at a collocation arrangement within the wire center; (2) leaves the CBT wire center premises; and (3) is owned by a party other than the CBT or any affiliate of CBT, except as set forth in this paragraph. Dark fiber obtained from CBT on an indefeasible right of use basis shall be treated as non-incumbent LEC fiber-optic cable. Two or more affiliated fiber-based collocators in a single wire center shall collectively be counted as a single fiber-based collocator.

"Mobile Wireless Service" means any mobile wireless telecommunications service, including any commercial mobile radio service.

The **"Triennial Review Order"** or **"TRO"** means the Federal Communication Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking in CC Docket Nos. 01-338, 96-98, and 98-147, adopted February 20, 2003, released August 21, 2003 and effective October 2, 2003.

The **"Triennial Review Remand Order"** means the Federal Communication Commission's Order on Remand in CC Docket Nos. 01-338 and 04-313 (released February 4, 2005).

2. **Section 9.1.5** is added, as follows:

9.1.5 CLEC may not access an unbundled network element for the exclusive provision of mobile wireless services or interexchange services.

3. **Section 9.2.4** is deleted and now reads “9.2.4 Reserved for future use.”

4. **Section 30.19**, Notices. The Notice information for the Parties has been revised as follows:

To TWTC:

tw telecom
Tina Davis
Sr. Vice President, Deputy General Counsel
10475 Park Meadows Drive
Littleton, CO 80124
Office: 303-566-1279
Fax: 303-566-1010

with a copy to:

tw telecom
Pamela Sherwood
Vice President Regulatory
4625 West 86th Street, Suite 500
Indianapolis, IN 46268
Office: 317-713-8977
Fax: 317-713-8937

To CBT:

Cincinnati Bell Telephone Company LLC
221 East Fourth Street, 121-850
Cincinnati, Ohio 45202
Attn: Vice President & General Manager - Carrier Services
Fax: (513) 241-8735

with a copy to:

Cincinnati Bell Telephone Company LLC
221 E. Fourth Street, 103-1290
Cincinnati, Ohio 45202-2301
Attn: General Counsel
Fax: (513) 397-9557

5. **Schedule 9.2.1**, Sections 5.2 and 5.3 are added, as follows:

5.2 Subject to the cap described in paragraph 5.3, below, CBT shall provide TWTC with nondiscriminatory access to a DS1 loop on an unbundled basis to any building not served by a wire center with at least 60,000 business lines and at least four fiber-based collocators. Once a wire center exceeds both of these thresholds, no future DS1 loop unbundling will be required in that wire center. A DS1 loop is a digital local loop having a total digital signal speed of 1.544 megabytes per second. DS1 loops include, but are not limited to, two-wire and four-wire copper loops capable of providing high-bit rate digital subscriber line services, including T1 services.

5.3 TWTC may obtain a maximum of ten (10) unbundled DS1 loops to any single building in which DS1 loops are available as unbundled loops.

6. **Schedule 9.2.3** has been replaced in its entirety by **Schedule 9.2.3** (revised 02/01/10) attached hereto as Attachment 1.

7. **Schedule 9.2.4** is deleted in its entirety.

8. **Schedule 9.4**, paragraphs 5.0 through 5.3.3 are deleted and are replaced by “5.0 Reserved for future use.”

9. **Schedule 9.8**, Section B, Standard Intervals. Item number 3, “OC-N Interoffice Transmission Facilities” and its “Negotiated” interval are deleted.

10. In the event of a conflict between the terms of this Amendment and the terms of the Interconnection Agreement, the terms of this Amendment shall prevail. All of the other provisions of the Interconnection Agreement shall remain in full force and effect.

11. Either or both of the Parties is authorized to submit this Amendment to the Commission for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

tw telecom of ohio llc

by: tw telecom holdings inc., its sole member

By: Tina Davis

Name: Tina Davis

Title: Sr Vice President and Deputy
General Counsel

Date: 3-2-10

Cincinnati Bell Telephone Company LLC

By: Susan J. Maggard

Name: Susan J. Maggard

Title: Vice President & General Manager
Carrier Services

Date: 3/12/2010

SCHEDULE 9.2.3

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are CBT transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, that provide Telecommunications Services between Wire Centers/Switching Centers owned by CBT, or between Switches owned by CBT.

For purposes of this **Schedule 9.2.3**, a route between two points (e.g., wire center or switch “A” and wire center or switch “Z”) may pass through one or more intermediate wire centers or switches (e.g., wire center or switch “X”). Transmission paths between identical end points (e.g., wire center or switch “A” and wire center or switch “Z”) are the same “route,” irrespective of whether they pass through the same intermediate wire centers or switches, if any.

1.0 CBT provides several varieties of unbundled Interoffice Transmission Facilities:

1.1 **Unbundled dedicated interoffice transport facility (“Dedicated Transport”)** is a dedicated facility connecting two CBT Central Office buildings via CBT transmission equipment. In each Central Office building, TWTC will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2 **“Dedicated entrance facility”** is a dedicated facility connecting CBT's transmission equipment in a CBT Central Office with TWTC's transmission equipment in TWTC's Switching Center for the purposes of providing Telecommunications Services. CBT is not required to unbundle dedicated entrance facilities.

2.0 CBT shall offer Interoffice Transmission Facilities in each of the following ways:

2.1 As a dedicated transmission path (e.g., DS1 and DS3).

3.0 Where Dedicated Transport or Shared Transport is provided, it shall include (as appropriate):

3.1 The transmission path at the requested speed or bit rate.

3.2 The following optional features are available, if requested by TWTC, at additional cost:

3.2.1 Clear Channel Capability per 1.544-Mbps (DS1) bit stream;

3.2.2 CBT-provided Central Office multiplexing.

- (a) DS3 to DS1 multiplexing; and
- (b) DS1 to Voice/Base Rate/128-, 256-, 384-Kpbs Transport; multiplexing

4.0 Technical Requirements. This Section sets forth technical requirements for all Interoffice Transmission Facilities.

4.1 When CBT provides Dedicated Transport as a circuit, the entire designated transmission facility (e.g., DS1 and DS3) shall be dedicated to TWTC-designated traffic.

4.2 CBT shall offer Interoffice Transmission Facilities in DS1 and DS3 transport systems, where available.

4.3 For DS1 facilities, Interoffice Transmission Facilities shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office “CI to CO” connections in the applicable technical references set forth below.

4.4 For DS3 facilities, Interoffice Transmission Facilities shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office “CI to CO” connections in the applicable technical references set forth below.

4.5 When requested by TWTC, Interoffice Transmission Facilities shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

4.6 When physical diversity is requested by TWTC, CBT shall provide physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by TWTC).

4.7 Any request by TWTC for diversity shall be subject to additional charges.

4.8 CBT shall offer the following interface transmission rates for Interoffice Transmission Facilities:

- 4.8.1 DS1 (Extended SuperFrame - ESF and D4);
- 4.8.2 DS3 (C-bit Parity and M13 shall be provided);

4.9 CBT shall permit (when made available as a service) TWTC to obtain the functionality provided by DCS together with and separate from dedicated transport in the same manner that CBT offers such capabilities to IXC's that purchase transport services. If TWTC requests additional functionality, such request shall be made through the Bona Fide Request process.

5.0 DS1 Requirements

5.1 CBT shall unbundle DS1 transport between any pair of CBT wire centers except where, through application of tier classifications described in Section 8.0 of this Schedule 9.2.3, both wire centers defining the route are Tier 1 wire centers. As such, CBT must unbundle DS1 transport if a wire center at either end of a requested route is not a Tier 1 wire center, or if neither is a Tier 1 wire center.

5.2 TWTC may obtain a maximum of ten (10) unbundled DS1 dedicated transport circuits on each route where DS1 dedicated transport is available on an unbundled basis.

6.0 DS3 Requirements

6.1 CBT shall unbundle DS3 transport between any pair of CBT wire centers except where, through application of tier classifications described in Section 8.0 of this Schedule 9.2.3, both wire centers defining the route are either Tier 1 or Tier 2 wire centers. As such, CBT must unbundle DS3 transport if a wire center on either end of a requested route is a Tier 3 wire center.

6.2 TWTC may obtain a maximum of 12 unbundled DS3 dedicated transport circuits each route where DS3 dedicated transport is available on an unbundled basis.

7.0 Dark Fiber Requirements

7.1 CBT shall unbundle dark fiber transport between any pair of CBT wire centers except where, through application of tier classifications described in Section 8.0 of this Schedule 9.2.3, both wire centers defining the route are either Tier 1 or Tier 2 wire centers. As such, an incumbent LEC must unbundle dark fiber transport if a wire center on either end of a requested route is a Tier 3 wire center.

8.0 **Wire center tier structure.** For purposes of this Schedule 9.2.4, CBT wire centers shall be classified into three tiers, defined as follows:

8.1 Tier 1 wire centers are those CBT wire centers that contain at least four fiber-based collocators, at least 38,000 business lines, or both. Tier 1 wire centers also are those incumbent LEC tandem switching locations that have no line-side switching facilities, but nevertheless serve as a point of traffic

aggregation accessible by competitive LECs. Once a wire center is determined to be a Tier 1 wire center, that wire center is not subject to later reclassification as a Tier 2 or Tier 3 wire center.

- 8.2 Tier 2 wire centers are CBT wire centers that are not Tier 1 wire centers, but contain at least 3 fiber-based collocators, at least 24,000 business lines, or both. Once a wire center is determined to be a Tier 2 wire center, that wire center is not subject to later reclassification as a Tier 3 wire center.
- 8.3 Tier 3 wire centers are those CBT wire centers that do not meet the criteria for Tier 1 or Tier 2 wire centers.

9.0 Technical References:

Dedicated Transport

ANSI T1.101-1994, American National Standard for Telecommunications

-Synchronization Interface Standard Performance and Availability

ANSI T1.102-1993, American National Standard for Telecommunications -

Digital Hierarchy - Electrical Interfaces

ANSI T1.105-1995, American National Standard for Telecommunications -

Synchronous Optical Network (SONET) - Basic Description

including Multiplex Structure, Rates and Formats

ANSI T1.105.01-1995, American National Standard for Telecommunications

-Synchronous Optical Network (SONET) - Automatic Protection

Switching

ANSI T1.105.02-1995, American National Standard for Telecommunications

-Synchronous Optical Network (SONET) - Payload Mappings

ANSI T1.105.03-1994, American National Standard for Telecommunications

-Synchronous Optical Network (SONET) - Jitter at Network Interfaces

ANSI T1.105.03a-1995, American National Standard for Telecommunications

-Synchronous Optical Network (SONET) - Jitter at Network

Interfaces -DS1 Supplement

ANSI T1.105.04-1995, American National Standard for Telecommunications

-Synchronous Optical Network (SONET) - Data Communication Channel

Protocols and Architectures

ANSI T1.105.05-1994, American National Standard for Telecommunications

-Synchronous Optical Network (SONET) - Tandem Connection

ANSI T1.105.06-199x, American National Standard for Telecommunications -

Synchronous Optical Network (SONET) - Physical Layer Specifications

ANSI T1.106-1988, American National Standard for Telecommunications -

Digital Hierarchy - Optical Interface Specifications (Single Mode)

ANSI T1.107-1988, American National Standard for Telecommunications -

Digital Hierarchy - Formats Specifications

ANSI T1.107a-1990, American National Standard for Telecommunications -

Digital Hierarchy - Supplement to Formats Specifications (DS3 Format Applications)

- ANSI T1.107b-1991, American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications
- ANSI T1.117-1991, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (SONET) (Single Mode - Short Reach)
- ANSI T1.119-1994, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Operations, Administration, Maintenance, and Provisioning (OAM&P) Communications
- ANSI T1.119.01-1995, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Operations, Administration, Maintenance, and Provisioning (OAM&P) Communications Protection Switching Fragment
- ANSI T1.119.02-199x, American National Standard for Telecommunications -Synchronous Optical Network (SONET) - Operations, Administration, Maintenance, and Provisioning (OAM&P) Communications Performance Monitoring Fragment
- ANSI T1.231-1993, American National Standard for Telecommunications - Digital Hierarchy - Layer 1 In-Service Digital Transmission performance monitoring
- ANSI T1.404-1994, Network-to-Customer Installation - DS3 Metallic Interface Specification
- Bellcore FR-440 and TR-NWT-000499, Transport Systems Generic Requirements (TSGR): Common Requirements
- Bellcore GR-820-CORE, Generic Transmission Surveillance: DS1 & DS3 Performance
- Bellcore GR-253-CORE, Synchronous Optical Network Systems (SONET); Common Generic Criteria
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