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PUBLIC UTILITIES COMMISSION



John L. Conroy
Vice President – Regulatory Affairs

234 Washington Street
Providence, RI 02903

Phone 401 525-3060
Fax 401 525-3064
john.l.conroy@verizon.com

June 1, 2012

Ms. Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, Rhode Island 02888

Dear Ms. Massaro:

We are filing, herewith, for effect July 1, 2012, tariff material consisting of:

RI PUC No. 20

Section	Revision of Page(s)	Original of Page(s)
6	6, 15, 16, 46, and 47	15.1
30	6 and 7	7.1 and 7.2

This filing is made pursuant to the Federal Communications Commission’s Report and Order reforming the intercarrier compensation and universal service systems, 26 FCC Rcd 17663 (“FCC Order”), and implements the FCC’s Step 1 Transitional Intrastate Access Service rate reductions (as well as the Step 2 reductions to take effect in 2013). The Step 1 reductions will take effect on July 1, 2012.

The filing aligns Verizon’s intrastate switched access structure with its tariffed interstate switched access rate structure. It reduces rate element levels where the interstate rate is lower than the existing intrastate rate and introduces a per-minute charge on Transitional Intrastate Access Service end office switching minutes. This “Transitional Per-Minute Charge” is calculated and applied in accordance with FCC Rule 51.907(b)(2)(v) and will cease to apply with the Step 2 reduction in 2013.

If you have any questions regarding this filing, please contact Frances O'Neill-Cunha of my staff at 401-525-3560.

Enclosed are an original and nine copies of the tariff material. Please return a copy of this letter with your stamp of receipt.

Respectfully submitted,


John L. Conroy

Attachments

Verizon New England Inc.

6. Switched Access Service
6.2 Functional Components of Service

6.2.1 Local Transport		
A.	Local transport provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate its communications. There are two components of Local Transport, Tandem Switched Transport and Dedicated Switched Transport, which are described below in 6.2.1.1 and 6.2.1.2.	(C) (C)
B.	Local transport is a two way voice frequency transmission path composed of facilities determined by the Telephone Company.	
1.	The two way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously.	
2.	The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.	
C.	The Telephone Company will work cooperatively with the customer in determining the following.	
1.	Whether the service is to be directly routed to an end office switch or through an access tandem switch	
2.	The directionality of the service.	
D.		(D)
1.		
E.		
1.		
2.		(D)

6. Switched Access Service
6.2 Functional Components of Service

6.2.1 Local Transport	
Exhibit 6.2.1-6 Field Identifiers (FIDs) for Optional Features—Local Transport	
Optional Feature	FID
DX Supervisory Signaling Arrangement	NCI++DX++
SF Supervisory Signaling Arrangement	NCI++SF++
E&M Type 1 Supervisory Signaling Arrangement	NCI++EA+
E&M Type 2 Supervisory Signaling Arrangement	NCI++EB+
E&M Type 3 Supervisory Signaling Arrangement	NCI++EC+
Customer Specification of the Receive Transmission Level at 1st Point of Switching	TLV
Customer Specification of Local Transport Termination	NC S+T+

6.2.1.1 Tandem Switched Transport	
A.	The following rate elements apply to Tandem Switched Transport:
1.	Tandem Switching — Tandem Switching provides for the use of the Telephone Company tandem switching facilities.
2.	Local Transport Facility — The Local Transport Facility provides for that portion of the voice frequency transmission path between the end office and the access tandem, or the host office serving a remote switch and the access tandem, or the end office and FGA Dial Tone Office. Mileage is calculated as set forth in 6.4.10.
3.	Dedicated Tandem Port — The Dedicated Tandem Trunk Port provides for the termination of a voice frequency transmission path into the serving wire center side of an access tandem.

6.2.1.2 Dedicated Switched Transport	
A.	The following rate elements apply to Dedicated Switched Transport:
1.	Voice Grade Entrance Facility — A Voice Grade Entrance Facility provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. A Voice Grade Entrance Facility is provided between a customer-designated premises and the serving wire center of the customer premises.
2.	Direct Trunked Transport (Voice Grade, DS1 and DS3) — Direct Trunked Transport provides the transmission path from the serving wire center of the customer's premises to an end office, or from the serving wire center to a tandem, or, in the case of voice grade service used for FGA, from the serving wire center to the Dial Tone Office (DTO), or from the serving wire center to the facility hub office. This transmission path is dedicated to the use of a single customer. Mileage is calculated as set forth in 6.4.10.

(N)

(N)

Verizon New England Inc.

6. Switched Access Service
6.2 Functional Components of Service

6.2.1.2 Dedicated Switched Transport	
A. (Continued)	
3.	DS1 Entrance Facility — A DS1 Entrance Facility provides for the transmission of up to 24 Voice Grade equivalent channels. The actual bit rate and framing formats are a function of the channel interface selected by the customer. A DS1 Entrance Facility is provided between a customer-designated premises, multiplexing node or virtual collocation arrangement and the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement.
4.	DS1 to Voice Grade Multiplexing — The DS1 to Voice Grade Multiplexing optional feature allows for a DS1 facility to be channelized into 24 Voice Grade or Voice Grade equivalent services.
5.	DS3 Entrance Facility — A DS3 Entrance Facility provides for the transmission of up to 672 Voice Grade equivalent channels on digital optical equipment and lightwave facilities selected by the Telephone Company. A DS3 Entrance Facility is provided between the customer-designated premises, multiplexing node or virtual collocation arrangement and the serving wire center of the customer premises, multiplexing node or virtual collocation arrangement.
6.	DS3 to DS1 Multiplexing — The DS3 to DS1 Multiplexing optional feature allows for a DS3 facility to be channelized into 28 DS1 services.

(N)

(N)

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6. Switched Access Service
6.2 Functional Components of Service

6.2.2 Local Switching	
A.	Local switching provides the functions necessary to complete the transmission of switched access communications to and from end users served by the local end office. The functions included are listed as follows.
1.	Local End Office Switching — The common switching functions associated with the various switched access feature groups.
2.	Transport Termination — The line or trunk side arrangements which terminate the local transport facilities at end offices.
3.	Intercept — The termination of a call at a Telephone Company intercept operator or recording.
4.	Line Termination — The termination for the end user lines (common lines and WALs) terminating in the end office.
B.	WAL service terminations are differentiated by line side vs. trunk side terminations. The standard WAL service arrangement is available with a line side termination.
1.	There are various types of originating, terminating and two way line side terminations depending on the type of signaling associated with the WAL service (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.
2.	There are also various types of originating only or terminating only WAL service trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain WAL service termination optional features.
C.	The local switching rate category includes usage rates and chargeable and non chargeable optional features. Application of these rates is set forth in Section 6.6.
D.	The Dedicated End Office Trunk Port provides for the termination of Direct Trunked Transport trunks at an end office. The Dedicated End Office Trunk Port rate, set forth in Tariff FCC No. 11, Section 31.6.2(B)(1), applies per activated trunk for all trunkside services terminating at either analog or digital end offices.
E.	The Shared End Office Trunk Port provides for the termination of Tandem Switched Transport and/or FGA or CSL BSA access minutes at an end office. Access minutes for all Switched Access Service subject to the Shared End Office Trunk Port will be multiplied by the per-minute rate set forth in Tariff FCC No. 11, Section 31.6.2(A).
F. Transitional Per-Minute Charge	
1.	A Transitional Per-Minute Charge will apply from July 1, 2012, through June 30, 2013, to all Transitional Intrastate Access Service end-office switching minutes as defined in 47 C.F.R. 51.903(j). The charge will be calculated as set forth in 47 C.F.R. §51.907(b)(2)(v). The charge will be eliminated July 1, 2013.

(N)
 (N)

6.2.3 Local Switching Common Switching Optional Features	
A.	Alternate Traffic Routing—End Office Alternate Routing When Ordered in Trunks provides an alternate routing arrangement for customers who order in trunks and have access for a particular feature group to an end office via two routes: one route via an access tandem and one direct route. The feature allows the customer's originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with FGB and FGD. It is not available with FGD provided from designated electromechanical end offices.

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6. Switched Access Service
6.4 Responsibility of the Telephone Company

6.4.9 Measuring Access Minutes	
E. (Continued)	
5.	When any or all the usage over an unmeasured FGB trunk originates from or terminates to a WAL service and the total FGB usage recorded at the WSOs exceeds the assumed usage(s), the recorded usage will be billed to the customer in lieu of the assumed usage.
F.	Feature Group D Usage Measurement — For originating calls over FGD except for FGD with the SS7 signaling option, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.
1.	For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.
2.	The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.
3.	For originating calls over FGD with the SS7 signaling option, usage measurement for direct trunks begins when the FGD entry switch sends an initial address message. Usage measurement for tandem trunks begins when the FGD entry switch receives an exit message.

6.4.10 Determining Mileage	
A.	Mileage is calculated based on airline distance utilizing the V&H coordinates method. This method is set forth in the NECA Tariff FCC No. 4. If the calculation results in a fraction of a mile, a round up to the next whole mile occurs before determining the mileage.
1.	
2.	

(C)
 (C)
 (D)
 (D)

Verizon New England Inc.

6. Switched Access Service
6.4 Responsibility of the Telephone Company

6.4.10	Determining Mileage	(C)
A.	(Continued)	
3.		(T)
B.	Mileage Measurement Rules	(T)
1.	For non-remote switches, Tandem Switched Transport (TST) Local Transport Facility mileage for Feature Groups B and D tandem-routed minutes is calculated from the end office to the access tandem.	(C)
2.	For remote switches, TST Local Transport Facility mileage for Feature Groups B and D tandem-routed minutes is calculated from the host office to the access tandem.	
3.	For FGA in the originating direction that terminates within the LATA, TST Local Transport Facility mileage is calculated from the end office switch where the Feature Group A switching dial tone is provided and the end office which serves the called party. TST Local Transport Facility mileage will not be applicable for access minutes which terminate outside the originating LATA.	
4.	If Direct Trunked Transport (DTT) is ordered to an end office, the mileage measurement is calculated from the serving wire center of the customer's premises to the end office.	(C)
5.	If DTT is ordered to a host office serving a remote switch, the mileage measurement is calculated from the serving wire center of the customer's premises to the host office.	(N)
6.	If DTT is ordered to a tandem, the mileage measurement is calculated from the serving wire center of the customer's premises to the tandem.	
7.	If DTT is ordered through a facility hub office, separate mileage measurements are calculated from the serving wire center of the customer's premises to the facility hub office and from the facility hub office to the end office, host office, or tandem.	
8.	If DTT is ordered to a FGA Dial Tone Office (DTO), the mileage measurement is calculated from the serving wire center of the customer's premises to the FGA DTO.	(N)
9.	Mileage measurement for the CCSA STP link transport will be calculated on an airline basis using the V&H coordinates method between the serving wire center of the customer's SPOI and the Telephone Company's STP.	(T)

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30. Rates and Charges
30.6 Switched Access

30.6.1 Reserved for Future				

(T)
(D)
(D)

30.6.2 Reserved for Future Use				

(T)
(D)
(D)

30.6.3 Local Transport-Other				
ID	Service Category	Rate Element	Rate	USOC
	Networking Blocking	FGD - Per call blocked	0.004361	
	Operator Passthrough	Per Call	0.244255	
	Installation	NRC - Per line or trunk	Please refer to Tariff FCC No. 11, Section 31.6.2(C)	
	Service Rearrangements	Digital to Digital - NRC - Per digital interface group rearranged	404.00	NRBOT
		SS7 Signaling Option Conversion - First Trunk Converted	117.05	NRBOA
		SS7 Signaling Option Conversion - Per Additional Trunk Converted	18.92	NRBOB
	Common Channel Signaling Access	STP Link Termination - NRC	238.96	
		STP Link Termination - Monthly	64.00	
		STP Link Transport - Fixed - Monthly	40.00	
		STP Link Transport - Per Mile - Monthly	1.60	
		STP Port - Monthly	450.00	

(C)
(C)

30.6.4 Local Switching				
ID	Service Category	Rate Element	Rate	USOC
	Switched Access Service	Per originating access minute	.007967	
		Per terminating access minute	Please refer to Tariff FCC No. 11, Section 31.6.2(A)	

(C)(R)
(C)(R)

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30. Rates and Charges
30.6 Switched Access

30.6.4 Local Switching				
ID	Service Category	Rate Element	Rate	USOC
	WAL Service Termination Optional Features	E&M Supervisory Signaling - NRC - Per 4W WAL	350.00	UGE
		E&M Supervisory Signaling - Monthly - Per 4W WAL	20.21	UGE
		Answer Supervision - NRC - Per 2W WAL	250.00	UGS2X
		Answer Supervision - Monthly - Per 2W WAL	14.46	UGS2X
	Carrier Identification Parameter	Monthly - Per trunk group	60.00	U7CPG
		NRC - Per trunk group	70.00	U7CPG
	Dedicated Ports	Dedicated End Office Trunk Port - Monthly	Please refer to Tariff FCC No. 11, Section 31.6.2(B)(1) (N)	
	Shared End Office Trunk Port	Per access minute	Please refer to Tariff FCC No. 11, Section 31.6.2(A)	
	Transitional Per-Minute Charge	Transitional Per-Minute Charge (The Transitional Terminating Access Charge is applicable from July 1, 2012, through June 30, 2013. This charge will be eliminated July 1, 2013.)	\$.000806	

30.6.5 Tandem Switching Transport				
ID	Service Category	Rate Element	Rate	USOC
	Tandem Switched Transport	Tandem Switching - Per MOU	Please refer to Tariff FCC No. 11, Section 31.6.1(B)(3)(c)	
		Tandem Transport - Fixed - Per MOU - Per Month	Please refer to Tariff FCC No. 11, Section 31.6.1(B)(1)(c)	
		Tandem Transport - Per Mile - Per MOU - Per Month	Please refer to Tariff FCC No. 11, Section 31.6.1(B)(2)(c)	
		Tandem Multiplexing - DS3 to DS1 - Per MOU	Please refer to Tariff FCC No. 11, Section 31.6.1(B)(4)(c)	
		Host/Remote-Fixed - Per MOU	Please refer to Tariff FCC No. 11, Section 31.6.1(B)(5)(c) (N)	

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30. Rates and Charges
30.6 Switched Access

30.6.5 Tandem Switching Transport				
ID	Service Category	Rate Element	Rate	USOC
	Tandem Switched Transport	Host/Remote-Per Mile - Per MOU	Please refer to Tariff FCC No. 11, Section 31.6.2(B)(6)(c)	
		Tandem Dedicated Trunk Port Charge	Please refer to Tariff FCC No. 11, Section 31.6.2(B)(7)(c)	

30.6.6 Dedicated Switched Transport				
ID	Service Category	Rate Element	Rate	USOC
	Voice Grade	Voice Grade-Entrance Facility-2W – Monthly	Please refer to Tariff FCC No. 11, Section 31.6.1(A)(1)	
		Voice Grade-Entrance Facility-2W – NRC		
		Voice Grade-Entrance Facility-4W – Monthly	Please refer to Tariff FCC No. 11, Section 31.6.1(A)(2)	
		Voice Grade-Entrance Facility-4W – NRC		
		Voice Grade-Direct Trunked Transport – Fixed	Please refer to Tariff FCC No. 11, Section 31.6.1(C)(1)(a)	
		Voice Grade-Direct Trunked Transport – Per Mile		
	DS1	DS1 Entrance Facility – Monthly	Please refer to Tariff FCC No. 11, Section 31.6.1(A)(3)(c)	
		DS1 Entrance Facility – NRC		
		DS1 Direct Trunked Transport – Fixed	Please refer to Tariff FCC No. 11, Section 31.6.1(C)(1)(b)	
		DS1 Direct Trunked Transport – Per Mile		
		DS1 Multiplexing to Voice Grade	Please refer to Tariff FCC No. 11, Section 31.6.1(E)(2)	
		DS1 Direct Trunked Transport, DS1 to Voice Grade Multiplexing and Entrance Facility – Volume and Term Discounts	Please refer to Tariff FCC No. 11, Section 25.1.4	

(N)

(N)

Verizon New England Inc.

30. Rates and Charges
30.6 Switched Access

30.6.6 Dedicated Switched Transport				
ID	Service Category	Rate Element	Rate	USOC
	DS3	DS3 Entrance Facility – Monthly	Please refer to Tariff FCC No. 11, Section 31.6.1(A)(4)(b)	(N)
		DS3 Entrance Facility – NRC		
		DS3 Direct Trunked Transport – Fixed	Please refer to Tariff FCC No. 11, Section 31.6.1(C)(1)(c)	
		DS3 Direct Trunked Transport – Per Mile		
		DS3 Multiplexing to DS1	Please refer to Tariff FCC No. 11, Section 31.6.1(E)(1)	
		DS3 Multiplexing to DS1 – NRC		
		DS3 Direct Trunked Transport, DS3/DS1 Multiplexing and Entrance Facility – Volume and Term Discounts	Please refer to Tariff FCC No. 11, Section 25.1.4	

30.6.7 800 Database Access Service				
ID	Service Category	Rate Element	Rate	USOC
	Customer Identification Charge	Per Query	0.003981	(T)(X)
	800 to POTS Number Translation	Per Query	0.001580	
	Call Handling and Destination Feature	Per Query	0.003466	

30.6.8 900 Access Service				
ID	Service Category	Rate Element	Rate	USOC
	Service Establishment	NRC	3,422.00	(T) (X)
	Subsequent Order	Initial NXX Code - NRC	1,280.00	
	Additional NXX Code	NRC	154.00	