

PSC NY No. 8--COMMUNICATIONS

Verizon New York Inc.

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Network Interconnection Services

8. Common Channel Signaling Network Interconnection (CCS/SS7)
8.1 General

Rates and charges for services described herein are contained in Section 35.8.

8.1.1	Description
A.	CCS/SS7 provides interconnection to the Telephone Company CCS network using a dedicated STP signaling link and a dedicated STP port on the host STP. The STP signaling link provides the connection from a CLEC's SPOI on the STP to the Telephone Company STP. The STP port provides the CLEC access to the SPs and STPs connected with the host STP. The STP port provides for the point of interconnection to the signal switching capability of the STP. The STP signaling link and the STP port are dedicated to the CLEC.
B.	Each CCS/SS7 STP signaling link provides for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP can be made from either the CLEC's SP which requires two 56 kbps circuits or from the CLEC's STP which requires four 56 kbps circuits.
C.	STP locations are set forth in NECA Tariff FCC No. 4.
1.	As further deployment of CCS/SS7 occurs, the new locations will be added to the NECA Tariff FCC No. 4 and may be provisioned in the same manner.
D.	When multiple STP pairs are deployed in a LATA, Telephone Company end offices or access tandems are interconnected to only one STP pair. Under normal conditions, the CLEC must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated. Where capacity limitations exist, the Telephone Company reserves the right to chose which STP pair will be used.
E.	The CLEC may request that all of its terminating traffic in a LATA be routed to a single STP pair, using the Telephone Company's SS7 signaling network to provide the connection to the other STP pair in the LATA. If available capacity exists within the Telephone Company SS7 signaling network and where technically feasible, the Telephone Company and the CLEC will mutually agree to the CLEC's use of a single STP pair in the LATA. In the event that the Telephone Company SS7 signaling network may be impaired as a result of changes in traffic requirements, and it is no longer technically feasible to continue to provide CCS/SS7 as configured, the CLEC will then be notified that its use of a single STP pair in the LATA is no longer permitted and that it must deploy CCS/SS7 links to each STP pair in the LATA.

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8.2 Optional Features

8.2.1 SS7 Signaling	
A.	SS7 signaling allows a CLEC to receive out of band signals for call set-up.
B.	Rates and charges for this option apply only when a CLEC's signaling point is connected with the Telephone Company STP (host STP) for call set up with other signaling points or STPs connected with that host STP.

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8.3 Regulations

8.3.1 Cooperative Testing	
A.	Interconnection to the Telephone Company CCS/SS7 network may require cooperative certification testing with the CLEC in compliance with GR-000905-CORE or a comparable Telephone Company test plan prior to service being activated. The Telephone Company reserves the right to determine what kind of certification testing is required. Set-up and testing charges (NRCs) are made for each test event.

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8.4 Application of Rates and Charges

8.4.1 STP Signaling Link		
A.	Mileage —A monthly rate applies for mileage which is assessed on a fixed and per mile basis. NRCs for the signaling link include Service Order, C.O. Wiring, Provisioning and Installation Dispatch, if applicable.	(C)
1.	In the case where the CCSA transport is not provided by the Telephone Company, the STP signaling link rate will not apply, however the STP port rate will apply.	(C)
8.4.2 STP Port		
A.	A fixed monthly rate applies per STP. NRCs for the port include Service Order, C.O. Wiring and Provisioning. (See 8.4.4A and B following)	(C)
8.4.3 Usage		
A.	The signaling usage rate applies for each call transaction delivered to the Telephone Company SS7 network through the CLEC STP port. Individual signaling messages will be aggregated for each call transaction, and rated according to the total number of bytes (octets) contained in each.	(C)
8.4.4 NRCs		
A.	Service Provisioning	(C)
1.	Service Order NRC —Applies for each request for new interconnection to the Telephone Company SS7 signaling network or modification to existing SS7 network interconnection (refer to Section 6.11.5). The installation charge provides for the connection of the 56 kbps circuit at the STP port.	(C)
B.	STP Port Charges —Applies for each port interconnection to the Telephone Company SS7 signaling network or modification to existing SS7-port network interconnection. Consists of C.O. Wiring Charge and Provisioning Charge.	(C)
C.	STP Translation	(C)
1.	Translation NRCs apply for the work to establish or modify interconnection to the requested CCS/SS7 network features and will be calculated according to the following items.	(C)
a.	The number of originating point codes interconnecting from the customer's network.	(C)
b.	The number of the Telephone Company STP ports accessed.	(C)
c.	The specific translation work required to establish each SS7 signaling feature.	(C)

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See Section 1.1.21 for Statement of Company's Reservation of Objections.

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8.4 Application of Rates and Charges

8.4.4 NRCs	
C.	(Continued)
2.	Additional NRCs will apply for translation work to integrate interconnecting CLEC switches into the Telephone Company switching network where TCAP routing and response is required, based upon the number of CLEC NPA–NXX codes being added to the Telephone Company switch translations.
3.	End Office Translations charges are intended to cover the extra cost of translations in Telephone Company end offices when TCAP features are established for a TC switch. The charge applies per end office modified.
D.	Certification Testing and Setup —The following NRCs will be based on standard times required to do such testing, according to the number of interconnecting switch types and software generics, and the specific signaling feature(s).
1.	The basic test set-up charge is calculated according to the SS7 signaling features being tested. This charge includes establishing test file updates and the development and distribution of a test script.
2.	The certification testing charge is made for subsequent testing activity to certify the new or reconfigured signaling feature capability.

8.4.5 Optional Features	
A.	SS7 Signaling Modifications
1.	Rehome D-Link Conversion —Charge applies when a customer's D-link termination to the Telephone Company Network is moved to a different location.
2.	A-Link to D-Link Conversion —Charge applies when a customer migrates its interconnection configuration from an A-link interface to a D-link interface.
3.	Change in Hub Providers —Charge applies when the CLEC changes the SS7 network that supports its SS7 signaling transport.
4.	Additional Charge per 10 Originating CLEC NPA NXXs Input —Charge applies for the support of CLEC NPA NXX codes in the Telephone Company network to process calls using TCAP signaling/CLASS features.

8.4.6 LIDB	
A.	LIDB access service charges apply for database dips and applications (refer to Section 10).

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8.4 Application of Rates and Charges

8.4.7 Credit Adjustment	
A.	A credit adjustment will apply for 800, LIDB and AIN messages launched from an interconnected facilities-based CLEC's network.

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