



Carrier Customer Bulletin

Date: November 1, 2011
Notice #: CCBFTR00164 Frontier SS7 STP Replacement Initial Notice
Audience: Interexchange, Local and Wireless Carriers
Subject: SS7 Replacement Project, Initial Notice
Effective Date: March 1, 2012 and Later

Frontier Communications announces the consolidation of all SS7 signaling to a new network comprised of four new regional STP pairs. Due to the complexity of this project, it will be done in phases according to the schedule provided in this document. The existing local and/or regional STPs in Frontier’s network will be removed and all A-links will be re-homed to the four new regional pairs.

This document provides:

- The list of existing local and/or regional STPs;
- The correlation between existing local and/or regional STPs and the four new regional STPs;
- The list of states that each new regional pair of STPs will serve at the conclusion of the project;
- The scheduled dates when both (1.) all Connecting Company and Frontier B-links and D-links shall be connected to the new regional STP pairs; and (2.) all A-links will be migrated to the new regional STP pairs.
- Contacts at Frontier if further information is required.

Existing STP Pair	Existing Pair CLLI	New Regional Pair	New Regional CLLI	States Served	Notes
Northeast Region					
Rochester, NY (Plymouth Ave)	ROCHNYXA06W	Rochester, NY (Plymouth Ave)	ROCHNYXA10W	NY, PA	
Rochester, NY (Field St.)	ROCHNYXC00W	Dallas, PA	DLLSPAXD80W		
Gloversville, NY	GLVVNYXA01W	Rochester, NY (Plymouth Ave)	ROCHNYXA10W	NY, PA	
Middletown, NY	MDTWNXYXA00W	Dallas, PA	DLLSPAXD80W		
Dallas, PA	DLLSPAXD78W	Rochester, NY (Plymouth Ave)	ROCHNYXA10W	NY, PA	
Clarks Summit, PA	CLSMPAXC78W	Dallas, PA	DLLSPAXD80W		

Southeast Region					
Existing STP Pair	Existing Pair CLI	New Regional Pair	New Regional CLI	States Served	Notes
Dunbar, WV	DUNBWVDN77W	Durham, NC	DRHMNCXM10W	AL, GA, FL, MS, NC, SC, TN, WV	3
Charleston, WV	CHTNWVLE77W	Charleston, WV	CHTNWVLE88W		
Southeast Region (Continued)					
Clarksburg, WV	CLBGWVMA77W	Durham, NC	DRHMNCXM10W	AL, GA, FL, MS, NC, SC, TN, WV	3
Morgantown, WV	MGTWVVFY77W	Charlestown, WV	CHTNWVLE88W		
Durham, NC	DRHMNCXM20W	Durham, NC	DRHMNCXM10W	AL, GA, FL, MS, NC, SC, TN, WV	2
Durham RTP, NC	DRHMNCXF20W	Charleston, WV	CHTNWVLE88W		
Myrtle Beach, SC	MYBHSCXM01W	Durham, NC	DRHMNCXM10W	AL, GA, FL, MS, NC, SC, TN, WV	2
Pamplico, SC	PMPLSCXA01W	Charleston, WV	CHTNWVLE88W		
Rochester, NY (Plymouth Ave)	ROCHNYXA06W	Durham, NC	DRHMNCXM10W	AL, GA, FL, MS, NC, SC, TN, WV	1
Rochester, NY (Field St.)	ROCHNYXC00W	Charleston, WV	CHTNWVLE88W		
Gloversville, NY	GLVVNYXA01W	Durham, NC	DRHMNCXM10W	AL, GA, FL, MS, NC, SC, TN, WV	1
Middletown, NY	MDTWNYXA00W	Charleston, WV	CHTNWVLE88W		
Central Region					
Mound, MN	MONDMNXA00W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	
Apple Valley, MN	APVYMNXA00W	Apple Valley, MN	APVYMNXA01W		
Lincoln, IL	LNCLILXC01W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	2
Bloomington, IL	BLTNILXD01W	Apple Valley, MN	APVYMNXA01W		
Carbondale, IL	CRDLILXE02W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	

Marion, IL	MARNILXE01W	Apple Valley, MN	APVYMNXA01W		2
Existing STP Pair	Existing Pair CLLI	New Regional Pair	New Regional CLLI	States Served	Notes
Central Region (Continued)					
Delaware, OH	DLWROHXA01W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	2
Marion, OH	MARNOHXC01W	Apple Valley, MN	APVYMNXA01W		
Fort Wayne, IN	FTWYINXA02W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	2
Garrett, IN	GRRTINXA01W	Apple Valley, MN	APVYMNXA01W		
Muskegon, MI	MSKGMIXK01W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	2
Three Rivers, MI	THRRMIXT01W	Apple Valley, MN	APVYMNXA01W		
Marshfield, WI	MRFDWIXA01W	Fort Wayne, IN	FTWYINXA40W	IA, IL, IN, MI, MN, NE, OH, WI	2
Wausau, WI	WAUSWIXA01W	Apple Valley, MN	APVYMNXA01W		
Existing STP Pair	Existing Pair CLLI	New Regional Pair	New Regional CLLI	States Served	Notes
West Region					
Beaverton, OR	BVTNORXB00W	Elk Grove, CA	EKGVCAXG01W	AZ, CA, ID, MT, NM, NV, OR, UT, WA	2
Tigard, OR	TGRDORXA00W	Everett, WA	EVRTWAXA89W		
Bothell, WA	BOTHWAXB06W	Elk Grove, CA	EKGVCAXG01W	AZ, CA, ID, MT, NM, NV, OR, UT, WA	2
Everett, WA	EVRTWAXA06W	Everett, WA	EVRTWAXA89W		
Coeur D'Alene, ID	CRALIDXX02W	Elk Grove, CA	EKGVCAXG01W	AZ, CA, ID, MT, NM, NV, OR, UT, WA	2
Moscow, ID	MSCWIDXX03W	Everett, WA	EVRTWAXA89W		
Elk Grove, CA	EKGVCAXG00W	Elk Grove, CA	EKGVCAXG01W	AZ, CA, ID, MT, NM, NV, OR, UT, WA	
Susanville, CA	SSVLCAXF00W	Everett, WA	EVRTWAXA89W		

KEY TO NOTES COLUMN:

NOTE 1 – Existing STP pairs noted will migrate SSPs to multiple new Regional STPs, as shown under both Northeast and Southeast Regions.

NOTE 2 – Existing STP pair and associated Frontier network elements served by this STP are currently undergoing conversion of Point Codes from Verizon Network ID of 240 to new Frontier Network ID of 202.

NOTE 3 – Existing STP pair and associated Frontier network elements served by this STP are currently undergoing conversion of Point Codes from Verizon Network ID of 246 to new Frontier Network ID of 202

Key Dates And Required Action:

Now and Prior to March 1, 2012: Signaling to Frontier SSP End Offices and other Frontier network elements via our new Regional STPs will require Connecting Carriers and SS7 Gateway Service Providers to establish new links for this routing. This must be done before **March 1st, 2012**, at which time Frontier will begin re-routing offnet SS7 traffic via these new STPs.

*It is important to note that due to planned conversion activity that involves Frontier OSS systems, there could be windows of time on or about February 1, 2012 and thereafter, where new orders may experience processing delays. We encourage you to begin taking the necessary steps to establish and expedite connectivity as soon as possible.

Beginning on or about March 15th, 2012: Frontier will begin moving its A-links from the existing local and regional STPs to the new Regional STPs. Frontier A-link migrations will be completed before November 1, 2012. Carriers, who need to make arrangements for new link connectivity or to inquire about routing via the Frontier Regional STPs, should contact their Service Provider or their Frontier Carrier Services Manager or Representative. In addition, Frontier SS7 Engineering contacts are listed below to assist you with any questions.

FORUMS: Frontier will be conducting informational forums at which time we will schedule follow-up project meetings to coordinate activity with those companies that will be directly affected. To be included in the distribution for informational sessions relating to this project, Frontier Wholesale customers should contact Frontier Carrier Services at carrier.notifications@frontiercorp.com or their Frontier Carrier Account Manager. Connecting Carriers and SS7 Gateway Service Providers, please send an e-mail to ss7team@fr.com with “Forum” in the subject line or contact a Frontier SS7 Project Engineer from the list below.

SS7 Engineering e-mail: ss7team@fr.com

<u>Engineering Contacts:</u>	<u>Phone numbers:</u>
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