

Sprint Nextel Corporation 2001 Emund Halley Drive Reston, Virginia 20191

September 15, 2010

Office of Engineering and Technology Federal Communications Commission 445 12 Street, SW Washington, DC 20554

#### Re: Letter of Concurrence & Support for ShawnTech Pilot in South Carolina – File No. 0448-EX-ST-2010

Dear Sir or Madam:

Pursuant to Part 5 of the rules of the Federal Communications Commission ("Commission"), 47 C.F.R. Part 5, Sprint Nextel Corporation, on behalf of its wholly-owned subsidiary SprintCom, Inc. (collectively "Sprint Nextel") hereby submits this letter of concurrence with the associated application File No. 0448-EX-ST-2010 for an experimental Special Temporary Authorization ("STA") in the Ridgeville, South Carolina area, filed by ShawnTech Communications, Inc. ("ShawnTech"). ShawnTech seeks to demonstrate the feasibility of their proprietary technology, Correctional Cellular Communication Call Control System, in a "real-world" environment until December 31, 2010 after grant of this experimental STA by the Commission.

ShawnTech's application requests to operate on PCS Broadband and 800 MHz SMR frequencies within a 0.8 km radius of a specified centerpoint in Ridgeville, SC (33-05-06.0 N / 080-17-32.0 W). Sprint Nextel is the licensee of PCS Broadband license KNLH488, authorized to operate on the D Block channels (1865-1870/1945-1950 MHz) in the Ridgeville, SC area. Sprint Nextel is also the licensee of SMR license WPLM622, authorized to operate on the X Block channels (818-824/863-869 MHz) in the same Ridgeville, SC area. ShawnTech requests to use, *inter alia*, PCS D Block channels and SMR X Block for its demonstrations. ShawnTech is working cooperatively with Sprint Nextel and has agreed to coordinate the demonstrations of its technology with Sprint Nextel and will avoid harmful interference while conducting the demonstrations. In addition, ShawnTech has agreed to immediately cease operations should any interference issues arise during the demonstrations.

Sprint Nextel desires to support ShawnTech's testing of its technology and, therefore, agrees to permit ShawnTech to use the D Block channel 350 (1867.5/1947.5 MHz) and X Block channel 592 (821.7875/865.7875 MHz) within 0.8 km of Ridgeville, SC (33-05-06.0 N/808-17-32.0 W) for a period up to December 31, 2010 after the grant of the associated application, not to extend beyond April 15, 2011. Accordingly, Sprint Nextel supports the grant of the associated ShawnTech application for an experimental STA to operate its Correctional Cellular Communications Call Control System for a period up to December 31, 2010 after the grant of the associated application.



Sprint Nextel Corporation 2001 Emund Halley Drive Reston, Virginia 20191

If there are any questions regarding this matter or additional information is required, please contact the undersigned at (703) 592-2968.

Kyle Entz Regulatory Affairs Manager, Spectrum

### **T** · · Mobile ·

401 9<sup>th</sup> Street, NW Suite 550 Washington, DC 20004

September 17, 2010

Office of Engineering and Technology Federal Communications Commission 445 12 Street, SW Washington, DC 20554

#### Re: Letter of Concurrence & Support for ShawnTech Pilot in South Carolina STA File Number 0448-EX-ST-2010

Dear Sir or Madam:

Pursuant to Part 5 of the rules of the Federal Communications Commission ("Commission"), 47 C.F.R. Part 5, T-Mobile USA, Inc., on behalf of its wholly-owned subsidiary T-Mobile License LLC. (collectively "T-Mobile") hereby submits this letter of concurrence with the associated application for an experimental Special Temporary Authorization ("STA") in the Ridgeville, South Carolina area, filed by ShawnTech Communications, Inc. ("ShawnTech"). ShawnTech seeks to demonstrate the feasibility of their proprietary technology, Correctional Cellular Communication Call Control System, in a "real-world" environment from September 17, 2010 to December 31, 2010 after grant of this experimental STA by the Commission.

ShawnTech's application requests to operate on Broadband PCS frequencies within a 0.8 km radius of a specified center point in Ridgeville, SC (33-05-06.0 N / 080-17-32.0 W). T-Mobile is the licensee of WPUD908, a Broadband PCS license in the Charleston, SC BTA (BTA072 - 1895-1900/1975-1980). ShawnTech requests to use, *inter alia*, a portion of WPUD908 for its demonstrations. ShawnTech is working cooperatively with T-Mobile, has agreed to coordinate the demonstrations of its technology with T-Mobile, and will avoid harmful interference while conducting the demonstrations. In addition, ShawnTech has agreed to immediately cease operations should any interference issues arise during the demonstrations.

Accordingly, T-Mobile supports the grant of the associated ShawnTech application for an experimental STA to operate its Correctional Cellular Communications Call Control System for a period up to December 31, 2010.

If there are any questions regarding this matter or additional information is required, please contact the undersigned at (202) 654-5918.

Steve-Sharkey

Chief, Engineering and Technology Policy



Sprint Nextel Corporation 2001 Emund Halley Drive Reston, Virginia 20191

September 22, 2010

Office of Engineering and Technology Federal Communications Commission 445 12 Street, SW Washington, DC 20554

#### Re: Letter of Concurrence & Support for ShawnTech Pilot in South Carolina – File No. 0448-EX-ST-2010

Dear Sir or Madam:

Pursuant to Part 5 of the rules of the Federal Communications Commission ("Commission"), 47 C.F.R. Part 5, Sprint Nextel Corporation, on behalf of its wholly-owned subsidiary SprintCom, Inc. (collectively "Sprint Nextel") hereby submits this letter of concurrence with the associated application File No. 0448-EX-ST-2010 for an experimental Special Temporary Authorization ("STA") in the Ridgeville, South Carolina area, filed by ShawnTech Communications, Inc. ("ShawnTech"). ShawnTech seeks to demonstrate the feasibility of their proprietary technology, Correctional Cellular Communication Call Control System, in a "real-world" environment until December 31, 2010 after grant of this experimental STA by the Commission.

ShawnTech's application requests to operate on PCS Broadband and 800 MHz SMR frequencies within a 0.8 km radius of a specified centerpoint in Ridgeville, SC (33-05-06.0 N / 080-17-32.0 W). Sprint Nextel is the licensee of PCS Broadband license KNLH488, authorized to operate on the D Block channels (1865-1870/1945-1950 MHz) in the Ridgeville, SC area. Sprint Nextel is also the licensee of SMR license WPLM622, authorized to operate on the X Block channels (818-824/863-869 MHz) in the same Ridgeville, SC area. ShawnTech requests to use, *inter alia*, PCS D Block channels and SMR X Block for its demonstrations. ShawnTech is working cooperatively with Sprint Nextel and has agreed to coordinate the demonstrations of its technology with Sprint Nextel and will avoid harmful interference while conducting the demonstrations. In addition, ShawnTech has agreed to immediately cease operations should any interference issues arise during the demonstrations.

Sprint Nextel desires to support ShawnTech's testing of its technology and, therefore, agrees to permit ShawnTech to use the D Block channel 350 (1867.5/1947.5 MHz) and X Block channel 592 (821.7875/865.7875 MHz) within 0.8 km of Ridgeville, SC (33-05-06.0 N/808-17-32.0 W) for a period up to December 31, 2010 after the grant of the associated application, not to extend beyond April 15, 2011. In authorizing ShawnTech to use Sprint Nextel's licensed spectrum in this manner, Sprint Nextel accepts responsibility for any failure of an actual subscriber communication which may occur, despite preventive measures, during the course of ShawnTech's operations under the requested experimental STA. Accordingly, Sprint Nextel supports the grant of the associated ShawnTech application for an experimental STA to operate its Correctional Cellular Communications Call Control System for a period up to December 31, 2010 after the grant of the associated application. Sprint Nextel has received a copy of the instant application.

Office of Engineering and Technology Federal Communications Commission Page 2

If there are any questions regarding this matter or additional information is required, please contact the undersigned at (703) 592-2968.

400

Kyle Entz Regulatory Affairs Manager, Spectrum



Hans Leutenegger Area Vice President - Network, South Area Verizon Wireless Network Department 8921 Research Drive Charlotte, NC 28262

September 30, 2010

Office of Engineering and Technology Federal Communications Commission 445 12 Street, SW Washington, DC 20554

## Re: Letter of Concurrence & Support for ShawnTech Pilot in South Carolina – File No. 0448-EX-ST-2010

Dear Sir or Madam:

Pursuant to Part 5 of the rules of the Federal Communications Commission ("Commission"), 47 C.F.R. Part 5, the Charleston - North Charleston MSA Limited Partnership and Alltel Communications, LLC, both DBA Verizon Wireless, (collectively "Verizon Wireless") hereby submits this letter of concurrence with the associated application File No. 0448-EX-ST-2010 for an experimental Special Temporary Authorization ("STA") in the Ridgeville, South Carolina area, filed by ShawnTech Communications, Inc. ("ShawnTech"). ShawnTech seeks to demonstrate the feasibility of their proprietary technology, Correctional Cellular Communication Call Control System, in a "real-world" environment until December 31, 2010 after grant of this experimental STA by the Commission.

ShawnTech's application requests to operate on spectrum licensed to Verizon Wireless within a 0.8 km radius of a specified center point in Ridgeville, SC (33-05-06.0 N / 80-17-32.0 W). Verizon Wireless holds the following licenses ("Spectrum") at this location:

	Cell Sign:	Frequencies:		
Cellular Block A:	KNKA327	824 - 835, 845 - 846.5	869 - 880, 890 - 891.5	MHz
Cellular Block B:	KNKA299	835 - 845, 846.5 - 849	880 - 890, 891.5 - 894	MHz
PCS Block C:	WQLU280	1900 - 1905	1980 - 1985	MHz
PCS Block E:	KNLG291	1885 - 1890	1965 - 1970	MHz

ShawnTech requests to use this Spectrum for its demonstrations. ShawnTech is working cooperatively with Verizon Wireless and has agreed to coordinate the demonstrations of its technology with Verizon Wireless and will avoid harmful interference while conducting the demonstrations. In addition,

ShawnTech has agreed to immediately cease operations should any interference issues arise during the demonstrations.

Verizon Wireless desires to support ShawnTech's testing of its technology and, therefore, agrees to permit ShawnTech to use Spectrum for a period up to December 31, 2010 after the grant of the associated application. In authorizing ShawnTech to use Verizon Wireless' licensed spectrum in this manner, Verizon Wireless accepts responsibility for any failure of an actual subscriber communication which may occur, despite preventive measures, during the course of ShawnTech's operations under the requested experimental STA. Accordingly, Verizon Wireless supports the grant of the associated ShawnTech application for an experimental STA to operate its Correctional Cellular Communications Call Control System for a period up to December 31, 2010 after the grant of the associated application. Verizon Wireless has received a copy of the instant application.

If there are any questions regarding this matter or additional information is required, please contact the undersigned at (704) 510-6001.

Sincerely.

HANS F. LEUTENEGGER AREA VICE PRESIDENT NETWORK, SOUTH AREA



Joseph P. Marx Assistant Vice President Federal Regulatory 1120 20<sup>th</sup> Street, N.W., Suite 1000 Washington, DC 20036 T: 202-457-2107 F: 202-289-3699

October 1, 2010

Office of Engineering and Technology Federal Communications Commission 445 12 Street, SW Washington, DC 20554

# Re: Letter of Concurrence & Consent for ShawnTech Pilot in South Carolina STA File Number 0448-EX-ST-2010

Dear Sir or Madam:

Pursuant to Part 5 of the rules of the Federal Communications Commission ("Commission"), 47 C.F.R. Part 5, AT&T Mobility, LLC, on behalf of its wholly-owned subsidiary New Cingular Wireless, LLC(collectively "AT&T") hereby submits this letter of concurrence with the associated application for an experimental Special Temporary Authorization ("STA") in the Ridgeville, South Carolina area, filed by ShawnTech Communications, Inc. ("ShawnTech"). ShawnTech seeks to demonstrate the feasibility of their proprietary technology, Correctional Cellular Communication Call Control System, in a "real-world" environment from September 17, 2010 to December 31, 2010 after grant of this experimental STA by the Commission.

ShawnTech's application requests to operate on PCS Broadband frequencies within a 0.8 km radius of a specified center point in Ridgeville, SC (33-05-06.0 N / 080-17-32.0 W). AT&T Mobility, LLC is the licensee of PCS Broadband license KNLF212 Broadband license, authorized to operate on the A Block channels 1860-1865/1940-1945 MHz) in the Ridgeville, SC area. AT&T Mobility, LLC is the licensee of PCS Broadband license KNLF213 Broadband license, authorized to operate on the Ridgeville, SC area. AT&T Mobility, LLC is the licensee of PCS Broadband license KNLF213 Broadband license, authorized to operate on the B Block channels 1870-1885/1950-1965 MHz) in the Ridgeville, SC area. ShawnTech requests to use, *inter alia*, PCS A and B Block channels for its demonstrations. ShawnTech is working cooperatively with AT&T, has agreed to coordinate the demonstrations of its technology with AT&T, and will avoid harmful interference while conducting the demonstrations. In addition, ShawnTech has agreed to immediately cease operations should any interference issues arise during the demonstrations.

AT&T desires to consent to ShawnTech's testing of its technology and, therefore, agrees to permit ShawnTech to use the PCS B Block channel 622 (1872.2/1952.2 MHz) within 0.8 km of Ridgeville, SC (33-05-06.0 N/080-17-32.0 W) for a period of September 17, 2010 up to December 31, 2010 after the grant of the associated application. In authorizing ShawnTech to use AT&T's licensed spectrum in this manner, AT&T accepts responsibility for any failure of an actual subscriber communication which may occur in the area in which ShawnTech is authorized to operate during the course of its operations under the requested experimental STA. Accordingly, AT&T supports the grant of the associated ShawnTech application for an experimental STA to operate its Correctional Cellular Communications Call Control System for a period up to December 31, 2010 after the grant of the associated application.



If there are any questions regarding this matter or additional information is required, please contact the undersigned at (202)-457-2107.

Joseph P. Marx Assistant Vice President, AT&T Services Inc.