

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: NORTH CAROLINA STATE HIGHWAY PATROL

ATTN: TSU - SPCTRUM RESOURCES MANAGER
NORTH CAROLINA STATE HIGHWAY PATROL
4702 MAIL SERVICE CENTER
RALEIGH, NC 27699-4702

Call Sign WQCR583	File Number
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851-862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001913888

Grant Date 03-05-2015	Effective Date 03-05-2015	Expiration Date 05-09-2025	Print Date
---------------------------------	-------------------------------------	--------------------------------------	-------------------

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: HP-1016, BARIUM SPRINGS, 100 MOOSE CLUB ROAD
City: BARIUM SPRINGS **County:** IREDELL **State:** NC
Lat (NAD83): 35-44-00.0 N **Long (NAD83):** 080-53-22.0 W **ASR No.:** 1008447 **Ground Elev:** 290.0
Loc. 2 Area of operation
Operating within a 40.0 km radius around fixed location 1

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000853.57500000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	03-09-2014
1	1	000851.05000000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	03-09-2014

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: NORTH CAROLINA STATE HIGHWAY

Call Sign: WQCR583

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000851.22500000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	03-09-2014
1	1	000851.46250000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	03-09-2014
1	1	000851.68750000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	03-09-2014
1	1	000851.85000000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	03-09-2014
1	1	000851.93750000	FB2C	1		20K0F1E 20K0F3E 8K30F1E 9K80D7W	100.000	180.000	61.0	85.8	08-12-2015
2	1	000806.05000000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			03-09-2014
2	1	000806.22500000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			03-09-2014
2	1	000806.46250000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			03-09-2014
2	1	000806.68750000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			03-09-2014

Licensee Name: NORTH CAROLINA STATE HIGHWAY

Call Sign: WQCR583

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
2	1	000806.85000000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			03-09-2014
2	1	000808.57500000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			03-09-2014
2	1	000806.93750000	MO	900		20K0F1E 20K0F3E 8K30F1E 9K80D7W	35.000	40.000			08-12-2015

Control Points

Control Pt. No. 1

Address: 3318 GARNER ROAD, BLDG #2

City: RALEIGH **County:** WAKE **State:** NC **Telephone Number:** (888)928-4737

Associated Call Signs

WQOK460

<NA>

Waivers/Conditions:

Prior to commencing operations on any channel or channels specified under this authorization, the licensee must provide at least 60 days written or electronic notice to Sprint Nextel Corporation that it intends to activate the channel(s) for testing or commencement of operations. Sprint Nextel must cease operation on the channel(s) specified in the notice by the intended date to the extent necessary to comply with the co-channel spacing requirements of § 90.621(b), after which the licensee may activate the channel(s). Sprint Nextel Corporation has established an email box to receive these notifications at 800mhzinterleavedspectrum@sprint.com.