

REFERENCE COPY

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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NORTH CAROLINA STATE HIGHWAY PATROL

ATTN: SCOTT SMITH
NORTH CAROLINA STATE HIGHWAY PATROL
4231 MAIL SERVICE CENTER
RALEIGH, NC 27699-4231

Call Sign WQCS278	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 04-23-2024	Expiration Date 05-12-2025	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 **Address:** HP-1258, SMITHFIELD, 684 COUNTY HOME ROAD
City: SMITHFIELD **County:** JOHNSTON **State:** NC
Lat (NAD83): 35-30-39.5 N **Long (NAD83):** 078-25-43.0 W **ASR No.:** 1202595 **Ground Elev:** 71.9
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	000851.35000000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	03-09-2014
1	1	000852.58750000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	03-09-2014
1	1	000853.17500000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	03-09-2014
1	1	000853.67500000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	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.

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Antennas

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1	1	000853.90000000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	03-09-2014
1	1	000856.01250000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	07-30-2016
1	1	000859.68750000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	07-30-2016
1	1	000854.86250000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	08-27-2021
1	1	000858.22500000	FB2C	1		8K30F1W 9K80D7W	100.000	120.000	113.7	123.6	04-23-2025
2	1	000806.35000000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			03-09-2014
2	1	000807.58750000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			03-09-2014
2	1	000808.17500000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			03-09-2014
2	1	000808.67500000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			03-09-2014
2	1	000808.90000000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			03-09-2014
2	1	000811.01250000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			07-30-2016
2	1	000814.68750000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			07-30-2016
2	1	000809.86250000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			08-27-2021
2	1	000813.22500000	MO	4800		8K30F1W 9K80D7W	35.000	40.000			04-23-2025

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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

<NA>

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

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.