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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW BERN, CITY OF

ATTN: STEPHEN WILLIAMS
NEW BERN, CITY OF
601 GEORGE ST.
PO BOX 1129
NEW BERN, NC 28563

Call Sign WNNB505	File Number
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001913516

Grant Date 03-06-2015	Effective Date 04-28-2021	Expiration Date 05-22-2025	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** 3600 WINDHILL COURT (APPROX 2 KM N OF STATE HWY 43 55)
City: NEW BERN **County:** CRAVEN **State:** NC
Lat (NAD83): 35-08-22.0 N **Long (NAD83):** 077-04-41.0 W **ASR No.:** 1056837 **Ground Elev:** 3.0
Location 1 Special Condition
Location 1 will use a RFS Penetrator BMR12-D or similar antenna with 175 degree azimuth.
- Loc. 2 Area of operation**
Countywide: CRAVEN, NC
- Loc. 3 Area of operation**
Countywide: CRAVEN, NC
- Loc. 4 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: NC
- Loc. 5 Address:** 5100 COUNTY LINE RD (RIVERDALE)
City: NEW BERN **County:** CRAVEN **State:** NC
Lat (NAD83): 34-59-45.1 N **Long (NAD83):** 076-59-33.6 W **ASR No.:** 1004821 **Ground Elev:** 7.0
Location 5 Special Condition
Location 5 will use a RFS Penetrator BMR12-H (bidirectional) or similar antenna with 140 and 220 degree azimuth.
- Loc. 6 Area of operation**
Countywide: CRAVEN, NC

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: NEW BERN, CITY OF

Call Sign: WNNB505

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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	000856.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000856.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000857.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000857.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000858.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000858.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	250.000	125.0	122.5	
1	1	000859.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000859.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	
1	1	000854.06250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	02-16-2013
1	1	000856.56250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	02-16-2013
1	1	000859.51250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	125.0	122.5	02-16-2013

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2	1	000811.26250000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000811.73750000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000812.26250000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
2	1	000812.73750000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000813.26250000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000813.73750000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000814.26250000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
2	1	000814.73750000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000809.06250000	FXOT	100		8K00F1D 8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000811.56250000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			
2	1	000814.51250000	FXOT	100		8K10F1D 8K10F1E 8K10F1W	30.000	60.000			

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3	1	000811.26250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000811.73750000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000812.26250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000812.73750000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000813.26250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000813.73750000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000814.26250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000814.73750000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
3	1	000809.06250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			02-16-2013
3	1	000811.56250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			02-16-2013
3	1	000814.51250000	MO	1050		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			02-16-2013

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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
4	1	000811.26250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000811.73750000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000812.26250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000812.73750000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000813.26250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000813.73750000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000814.26250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000814.73750000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000809.06250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000811.56250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			
4	1	000814.51250000	FX1	19		8K10F1D 8K10F1E 8K10F1W	30.000	30.000			

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5	1	000856.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000856.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000857.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000857.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000858.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000858.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000859.26250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000859.73750000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000854.06250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000856.56250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
5	1	000859.51250000	FB2	1		8K00F1D 9K70F1W 9K80D7W	100.000	500.000	94.5	95.6	04-28-2022
6	1	000856.26250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022

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6	1	000856.73750000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000857.26250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000857.73750000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000858.26250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000858.73750000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000859.26250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000859.73750000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000854.06250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000856.56250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022
6	1	000859.51250000	MO	1050		8K10F1D 8K10F1E	30.000	30.000			04-28-2022

Control Points

Control Pt. No. 2

Address: 3600 Wind Hill Court

City: New Bern **County:** CRAVEN **State:** NC **Telephone Number:** (252)672-4160

Associated Call Signs

<NA>

Licensee Name: NEW BERN, CITY OF

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Waivers/Conditions:

Antenna structures for land, base and fixed stations authorized for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

Waiver of Rule Section 90.621(b)(4) granted April 28, 2021 to permit 500 watts ERP on locations 1 and 5 to exceeds the values permitted under the short-spacing table.