

REFERENCE COPY

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

RADIO STATION AUTHORIZATION

LICENSEE: KNOX COUNTY EMERGENCY
COMMUNICATIONS DISTRICT

ATTN: TECHNICAL SERVICES MANAGER
KNOX COUNTY EMERGENCY COMMUNICATIONS DISTRICT
605 BERNARD AV
KNOXVILLE, TN 37921

Call Sign WQLF773	File Number 0010986177
Radio Service SY - Trunked Public Safety 700 MHz	
Regulatory Status PMRS	
Frequency Coordination Number 20SYAP94026204	

FCC Registration Number (FRN): 0001768316

Grant Date 11-18-2019	Effective Date 03-26-2024	Expiration Date 01-08-2030	Print Date 03-27-2024
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** 125 SHARPS RIDGE MEMORIAL PARK
City: KNOXVILLE **County:** KNOX **State:** TN
Lat (NAD83): 35-59-57.0 N **Long (NAD83):** 083-56-59.0 W **ASR No.:** 1050371 **Ground Elev:** 420.0
- Loc. 2** **Address:** 11858 Black Road
City: Knoxville **County:** KNOX **State:** TN
Lat (NAD83): 35-54-24.0 N **Long (NAD83):** 084-11-01.0 W **ASR No.:** 1050372 **Ground Elev:** 366.0
- Loc. 3** **Area of operation**
 Operating within a 64.0 km radius around fixed location 1
- Loc. 4** **Area of operation**
 Land Mobile Control Station meeting the 6.1 Meter Rule: TN

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	000769.60625000	FB2	1		8K10F1W 9K80D7W	100.000	268.000	52.0	159.8	01-08-2011

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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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	000770.53125000	FB2	1		8K10F1W 9K80D7W	100.000	268.000	52.0	159.8	01-08-2011
1	1	000771.53125000	FB2	1		8K10F1W 9K80D7W	100.000	268.000	52.0	159.8	01-08-2011
1	1	000772.45625000	FB2	1		8K10F1W 9K80D7W	100.000	268.000	52.0	159.8	01-08-2011
1	1	000773.73125000	FB2	1		8K10F1W 9K80D7W	100.000	268.000	52.0	159.8	01-08-2011
2	1	000770.25625000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	01-08-2011
2	1	000771.18125000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	01-08-2011
2	1	000771.88125000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	01-08-2011
2	1	000773.15625000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	01-08-2011
2	1	000769.28125000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	01-08-2011
2	1	000770.78125000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	07-22-2012
2	1	000770.01875000	FB2	1		8K10F1W 9K80D7W	100.000	214.000	45.0	129.6	01-14-2017
3	1	000801.88125000	MO	10000		8K10F1W	35.000	45.000			01-08-2011
3	1	000799.28125000	MO	10000		8K10F1W	35.000	45.000			01-08-2011
3	1	000799.60625000	MO	10000		8K10F1W	35.000	40.000			01-08-2011
3	1	000800.25625000	MO	10000		8K10F1W	35.000	45.000			01-08-2011
3	1	000800.53125000	MO	10000		8K10F1W	35.000	40.000			01-08-2011
3	1	000801.18125000	MO	10000		8K10F1W	35.000	45.000			01-08-2011

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3	1	000801.53125000	MO	10000		8K10F1W	35.000	40.000			01-08-2011
3	1	000802.45625000	MO	10000		8K10F1W	35.000	40.000			01-08-2011
3	1	000803.15625000	MO	10000		8K10F1W	35.000	45.000			01-08-2011
3	1	000803.73125000	MO	10000		8K10F1W	35.000	40.000			01-08-2011
3	1	000800.78125000	MO	10000		8K10F1W	35.000	50.000			07-22-2012
3	1	000800.01875000	MO	10000		8K10F1W	35.000	45.000			01-14-2017
4	1	000801.53125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000803.15625000	FX1	10		8K10F1W	35.000	45.000			
4	1	000803.73125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000799.28125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000799.60625000	FX1	10		8K10F1W	35.000	45.000			
4	1	000800.25625000	FX1	10		8K10F1W	35.000	45.000			
4	1	000800.53125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000801.18125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000801.88125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000802.45625000	FX1	10		8K10F1W	35.000	45.000			
4	1	000800.78125000	FX1	10		8K10F1W	35.000	45.000			
4	1	000800.01875000	FX1	10		8K10F1W	35.000	45.000			

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Control Points

Control Pt. No. 1

Address: 605 BENARD AVE.

City: KNOXVILLE **County:** KNOX **State:** TN **Telephone Number:** (865)215-1100

Control Pt. No. 2

Address: 3420 AMNICOLA HWY

City: CHATTANOOGA **County:** HAMILTON **State:** TN **Telephone Number:** (423)643-5236

Control Pt. No. 3

Address: 3041 SIDCO DRIVE

City: NASHVILLE **County:** DAVIDSON **State:** TN **Telephone Number:** (615)741-0001

Control Pt. No. 4

Address: TN TOWER 25TH FL. 312 ROSA L. PARKS AVE

City: NASHVILLE **County:** DAVIDSON **State:** TN **Telephone Number:** (731)225-0930

Control Pt. No. 5

Address: 7238 REGION LANE

City: KNOXVILLE **County:** KNOX **State:** TN **Telephone Number:** (800)490-3490

Associated Call Signs

WQKJ941, WPTZ797

<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.