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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MASSAC, COUNTY OF

ATTN: 911 DIRECTOR
MASSAC, COUNTY OF
2734 NORTH AVE
METROPOLIS, IL 62960

Call Sign WRYG410	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0005255534

Grant Date 08-07-2023	Effective Date 08-07-2023	Expiration Date 08-07-2033	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 1 SUPERMAN SQUARE
City: METROPOLIS County: MASSAC State: IL
Lat (NAD83): 37-09-09.1 N Long (NAD83): 088-44-00.1 W ASR No.: Ground Elev: 113.0
- Loc. 2** Address: 2734 NORTH AVE.
City: METROPOLIS County: MASSAC State: IL
Lat (NAD83): 37-10-53.9 N Long (NAD83): 088-43-43.1 W ASR No.: Ground Elev: 107.0
- Loc. 3** Address: 1020 Broadway
City: Metropolis County: MASSAC State: IL
Lat (NAD83): 37-09-29.0 N Long (NAD83): 088-43-51.0 W ASR No.: 1241106 Ground Elev: 109.1
- Loc. 4** Address: 5100 BLOCK OF OLD MARION
City: METROPOLIS County: MASSAC State: IL
Lat (NAD83): 37-15-41.9 N Long (NAD83): 088-42-24.3 W ASR No.: Ground Elev: 161.0
- Loc. 5** Address: 8900 UNITY SCHOOL RD
City: MASSAC County: MASSAC State: IL
Lat (NAD83): 37-09-33.3 N Long (NAD83): 088-31-07.3 W ASR No.: Ground Elev: 153.0
- Loc. 6** Address: 1/2 MILE W OF US 45
City: BELKNAP County: MASSAC State: IL
Lat (NAD83): 37-17-04.1 N Long (NAD83): 088-51-53.0 W ASR No.: Ground Elev: 126.0
- Loc. 7** Area of operation
Operating within a 40.0 km radius around fixed location 1

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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Fixed Location Address or Mobile Area of Operation

Loc. 8 Area of operation

Operating within a 40.0 km radius around fixed location 3

Loc. 9 Area of operation

Operating within a 32.0 km radius around 37-15-00.0 N, 088-45-00.0 W,
METROPOLIS, MASSAC county, IL

Loc. 10 Area of operation

Land Mobile Control Station meeting the 6.1 Meter Rule: MASSAC county, IL

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	000154.34000000	FB2	1	20	11K2F1D 11K2F3E 7K60FXE	100.000	160.000	29.0	27.5	08-07-2024
1	1	000154.74750000	FB2	1	20	7K60FXE	45.000	45.000	29.0	27.5	08-07-2024
2	1	000151.15250000	FX1	1	20	11K2F1D 11K2F3E 7K60FXE	10.000	50.000	15.0	9.0	08-07-2024
3	1	000154.34000000	FB2	1	20	11K2F1D 11K2F3E 7K60FXE	45.000	60.000	49.0	44.1	08-07-2024
4	1	000155.86500000	FB2	1	20	7K60FXE	25.000	25.000	30.5	68.0	08-07-2024
4	1	000460.62500000	FXO	1	20	11K2F3E 7K60FXE	20.000	20.000	30.5	68.0	08-07-2024
		Frequency 000460.62500000 Special Condition Authorization on a secondary basis.									
5	1	000453.76250000	FXO	1	20	11K2F3E 7K60FXE	20.000	20.000	30.0	66.5	08-07-2024
		Frequency 000453.76250000 Special Condition Authorization on a secondary basis.									
6	1	000453.15000000	FXO	1	20	11K2F3E 7K60FXE	20.000	20.000	36.0	46.0	08-07-2024
		Frequency 000453.15000000 Special Condition Authorization on a secondary basis.									
7	1	000154.34000000	MO	70		11K2F1D 11K2F3E 7K60FXE	45.000	45.000			08-07-2024

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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
7	1	000151.15250000	MO	70		11K2F1D 11K2F3E 7K60FXE	45.000	45.000			08-07-2024
7	1	000158.85750000	MO	70		7K60FXE	45.000	45.000			08-07-2024
7	1	000154.74750000	MO	70		11K2F1D 11K2F3E 7K60FXE	45.000	45.000			08-07-2024
8	1	000151.15250000	MO	70		11K2F1D 11K2F3E 7K60FXE	45.000	45.000			08-07-2024
8	1	000159.31500000	MO	70		11K2F1D 11K2F3E 7K60FXE	45.000	45.000			08-07-2024
9	1	000159.44250000	MO	70		11K2F3E 7K60FXE	45.000	45.000			08-07-2024
9	1	000155.42250000	MO	70		11K2F1D 11K2F3E 7K60FXE	45.000	45.000			08-07-2024
10	1	000151.15250000	FX1	1		11K2F1D 11K2F3E 7K60FXE	40.000	40.000			

Control Points

Control Pt. No. 1

Address: 1 SUPERMAN SQUARE

City: METROPOLIS **County:** MASSAC **State:** IL **Telephone Number:** (618)638-2345

Associated Call Signs

<NA>

Waivers/Conditions:

NONE