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

RADIO STATION AUTHORIZATION

LICENSEE: MC HENRY TOWNSHIP FIRE PROTECTION DISTRICT

ATTN: FIRE CHIEF
MC HENRY TOWNSHIP FIRE PROTECTION DISTRICT
3610 W ELM ST
MC HENRY, IL 60050-4356

Call Sign KSI513	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002846616

Grant Date 01-10-2012	Effective Date 01-10-2012	Expiration Date 01-17-2022	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 1 M SSW OF I OF MARTIN RD & RT 120
City: MCHENRY County: MCHENRY State: IL
Lat (NAD83): 42-21-20.0 N Long (NAD83): 088-19-00.0 W ASR No.: 1010945 Ground Elev: 259.0
- Loc. 2** Address: 3710 N WILMOT RD
City: MCHENRY County: MCHENRY State: IL
Lat (NAD83): 42-22-53.1 N Long (NAD83): 088-14-07.3 W ASR No.: Ground Elev: 228.0
- Loc. 3** Address: 333 S GREEN ST
City: MCHENRY County: MCHENRY State: IL
Lat (NAD83): 42-19-21.1 N Long (NAD83): 088-16-06.3 W ASR No.: Ground Elev: 244.0
- Loc. 4** Area of operation
Operating within a 25.0 km radius around fixed location 1
- Loc. 5** Address: 3610 W ELM STREET
City: MCHENRY County: MCHENRY State: IL
Lat (NAD83): 42-20-47.2 N Long (NAD83): 088-16-05.7 W ASR No.: Ground Elev: 230.0
- Loc. 6** Address: 809 WEST RAND RD
City: MCHENRY County: MCHENRY State: IL
Lat (NAD83): 42-20-01.3 N Long (NAD83): 088-12-47.6 W ASR No.: Ground Elev: 240.0

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: MC HENRY TOWNSHIP FIRE PROTECTION

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Fixed Location Address or Mobile Area of Operation

Loc. 7 Address: 6300 W. DARTMOOR DRIVE

City: MCHENRY County: MCHENRY State: IL

Lat (NAD83): 42-19-56.5 N Long (NAD83): 088-19-10.7 W ASR No.: Ground Elev: 245.0

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	000154.2500000	FB	1		11K2F3E 20K0F3E	110.000	150.000	46.0	70.0	
1	1	000154.2650000	FB	1		11K2F3E 20K0F3E	110.000	150.000	46.0	70.0	
1	1	000154.3850000	FB	1		11K2F3E 20K0F3E	110.000	150.000	46.0	70.0	
1	2	000154.3850000	FB2	1		11K2F3E	110.000	150.000	46.0	70.0	02-09-2010
2	1	000154.2500000	FB	1		11K2F3E 20K0F3E	30.000	90.000	18.0	1.0	
2	1	000154.2650000	FB	1		11K2F3E 20K0F3E	30.000	90.000	18.0	1.0	
2	1	000154.3850000	FB	1		11K2F3E 20K0F3E	30.000	90.000	18.0	1.0	
3	1	000154.2500000	FB	1		11K2F3E 20K0F3E	60.000	150.000	18.0	13.0	
3	1	000154.2650000	FB	1		11K2F3E 20K0F3E	60.000	150.000	18.0	13.0	
3	1	000154.3850000	FB	1		11K2F3E 20K0F3E	60.000	150.000	18.0	13.0	
3	2	000154.3850000	FB2S	1		11K2F3E	100.000	250.000	31.1	24.4	01-06-2011
4	1	000154.2500000	MO	58		11K2F3E 20K0F3E	110.000	110.000			
4	1	000154.2650000	MO	58		11K2F3E 20K0F3E	110.000	110.000			
4	1	000154.3850000	MO	58		11K2F3E 20K0F3E	110.000	110.000			

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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
4	1	000159.27000000	MO	58		11K2F3E	50.000	50.000			02-09-2010
5	1	000154.25000000	FB	1		11K2F3E 20K0F3E	50.000	150.000	18.0	-3.1	07-26-2005
5	1	000154.26500000	FB	1		11K2F3E 20K0F3E	50.000	150.000	18.0	-3.1	07-26-2005
5	1	000154.38500000	FB	1		11K2F3E 20K0F3E	50.000	150.000	18.0	-3.1	07-26-2005
6	1	000154.25000000	FB	1		11K2F3E 20K0F3E	40.000	90.000	8.0	2.1	07-26-2005
6	1	000154.26500000	FB	1		11K2F3E 20K0F3E	40.000	90.000	8.0	2.1	07-26-2005
6	1	000154.38500000	FB	1		11K2F3E 20K0F3E	40.000	90.000	8.0	2.1	07-26-2005
7	1	000154.25000000	FB	1		11K2F3E 20K0F3E	50.000	90.000	18.9	6.3	02-09-2010
7	1	000154.26500000	FB	1		11K2F3E 20K0F3E	50.000	90.000	18.9	6.3	02-09-2010
7	1	000154.38500000	FB	1		11K2F3E 20K0F3E	50.000	90.000	18.9	6.3	02-09-2010

Control Points

Control Pt. No. 1

Address: 333 S GREEN ST

City: MCHENRY County: MCHENRY State: IL Telephone Number: (815)385-0075

Control Pt. No. 2

Address: 3610 W ELM STREET

City: MCHENRY County: MCHENRY State: IL Telephone Number: (815)385-0075

Associated Call Signs

<NA>

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Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.