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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: MS AIRWAVES, INC.

ATTN: MARC SOBEL  
MS AIRWAVES, INC.  
P. O BOX 403  
BASS LAKE, CA 93604

<b>Call Sign</b> WIK657	<b>File Number</b>
<b>Radio Service</b> IK - Industrial/Business Pool - Commercial, Conventional	
<b>Regulatory Status</b> CMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0006622633

<b>Grant Date</b> 11-16-2010	<b>Effective Date</b> 11-16-2010	<b>Expiration Date</b> 07-21-2019	<b>Print Date</b>
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**STATION TECHNICAL SPECIFICATIONS**

**Fixed Location Address or Mobile Area of Operation**

- Loc. 1 Address:** SIERRA PEAK  
**City:** CORONA    **County:** RIVERSIDE    **State:** CA  
**Lat (NAD83):** 33-50-58.1 N    **Long (NAD83):** 117-39-17.2 W    **ASR No.:**    **Ground Elev:** 928.0
- Loc. 2 Address:** VERDUGO PEAK  
**City:** GLENDALE    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-13-09.0 N    **Long (NAD83):** 118-17-10.3 W    **ASR No.:**    **Ground Elev:** 919.0
- Loc. 3 Address:** 3900 W CREST RD  
**City:** RANCHO PALOS VERDES    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 33-44-50.1 N    **Long (NAD83):** 118-20-10.3 W    **ASR No.:**    **Ground Elev:** 445.0
- Loc. 4 Address:** SADDLE PARK RD  
**City:** CALABASAS    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-04-59.0 N    **Long (NAD83):** 118-28-28.3 W    **ASR No.:**    **Ground Elev:** 785.0
- Loc. 5 Address:** HAUSER PEAK  
**City:** ACTON    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-32-50.0 N    **Long (NAD83):** 118-12-46.3 W    **ASR No.:**    **Ground Elev:** 1554.0
- Loc. 6 Address:** TUNNEL 7TH ST & FLOWER ST  
**City:** LOS ANGELES    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-02-56.0 N    **Long (NAD83):** 118-15-32.3 W    **ASR No.:**    **Ground Elev:** 88.0

**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:** MS AIRWAVES, INC.

**Call Sign:** WIK657

**File Number:**

**Print Date:**

**Fixed Location Address or Mobile Area of Operation**

**Loc. 7 Area of operation**

Other:34-03-15N 118-14-28W LOS ANGELES CA

**Location 7 Special Condition**

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.

**Loc. 8 Area of operation**

Operating within a 48.0 km radius around fixed location 1

**Loc. 9 Area of operation**

Operating within a 48.0 km radius around fixed location 1

**Location 9 Special Condition**

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.

**Loc. 10 Area of operation**

Operating within a 48.0 km radius around fixed location 2

**Loc. 11 Area of operation**

Operating within a 48.0 km radius around fixed location 2

**Location 11 Special Condition**

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

**Licensee Name:** MS AIRWAVES, INC.

**Call Sign:** WIK657

**File Number:**

**Print Date:**

**Fixed Location Address or Mobile Area of Operation**

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.

**Loc. Area of operation**

**12** Operating within a 48.0 km radius around fixed location 3

**Loc. Area of operation**

**13** Operating within a 48.0 km radius around fixed location 3

**Location 13 Special Condition**

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.

**Loc. Area of operation**

**14** Operating within a 48.0 km radius around fixed location 4

**Loc. Area of operation**

**15** Operating within a 48.0 km radius around fixed location 4

**Location 15 Special Condition**

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.

**Loc. Area of operation**

**16** Operating within a 48.0 km radius around fixed location 5

Licensee Name: MS AIRWAVES, INC.

Call Sign: WIK657

File Number:

Print Date:

**Fixed Location Address or Mobile Area of Operation**

**Loc. Area of operation**

**17** Operating within a 48.0 km radius around fixed location 5

**Location 17 Special Condition**

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.

**Loc. Area of operation**

**18** Operating within a 48.0 km radius around fixed location 6

**Loc. Area of operation**

**19** Operating within a 48.0 km radius around fixed location 6

**Location 19 Special Condition**

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.

**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 meter	Construct Deadline Date
1	1	000472.48750000	FB6C	1		16K0F1D 16K0F3E	100.000	1000.000	36.0	598.0	
2	1	000472.48750000	FB6C	1		16K0F1D 16K0F3E	100.000	1000.000	36.0	485.0	
3	1	000472.48750000	FB6C	1		16K0F1D 16K0F3E	100.000	1000.000	20.0	441.0	

Licensee Name: MS AIRWAVES, INC.

Call Sign: WIK657

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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 meter	Construct Deadline Date
4	1	000472.48750000	FB6C	1		16K0F1D 16K0F3E	100.000	1000.000	36.0	8635.0	
5	1	000472.48750000	FB6C	1		16K0F1D 16K0F3E	100.000	1000.000	24.0	638.0	
6	1	000472.48750000	FB6C	1		16K0F1D 16K0F3E	125.000	1.500	6.0	-16.0	
7	1	000472.48750000	FB6J	3		16K0F1D 16K0F3E	100.000	1000.000			
8	1	000475.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
8	1	000472.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
9	1	000475.48750000	FX1T	20		16K0F1D 16K0F3E	60.000	200.000			
10	1	000472.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
10	1	000475.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
11	1	000475.48750000	FX1T	20		16K0F1D 16K0F3E	60.000	200.000			
12	1	000472.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
12	1	000475.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
13	1	000475.48750000	FX1T	20		16K0F1D 16K0F3E	60.000	200.000			
14	1	000472.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
14	1	000475.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003

Licensee Name: MS AIRWAVES, INC.

Call Sign: WIK657

File Number:

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 meter	Construct Deadline Date
15	1	000475.48750000	FX1T	20		16K0F1D 16K0F3E	60.000	200.000		s	
16	1	000472.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
16	1	000475.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
17	1	000475.48750000	FX1T	20		16K0F1D 16K0F3E	60.000	200.000			
18	1	000472.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
18	1	000475.48750000	MO	2200		16K0F1D 16K0F3E	60.000	200.000			04-18-2003
19	1	000475.48750000	FX1T	20		16K0F1D 16K0F3E	60.000	200.000			

Control Points

Control Pt. No. 1

Address: 15705 SUPERIOR ST

City: NORTH HILLS County: State: CA Telephone Number: (805)532-2157

Associated Call Signs

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

This consent is contingent on the outcome of the Commission's proceedings in WT Docket No. 97-56 and any court appeals.