

REFERENCE COPY

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

RADIO STATION AUTHORIZATION

LICENSEE: CENCOM E 9-1-1 EMERGENCY TELEPHONE SYSTEM

ATTN: DIRECTOR
CENCOM E 9-1-1 EMERGENCY TELEPHONE SYSTEM
911 N. LOTUS DRIVE
ROUND LAKE BEACH, IL 60073

| | |
|---|--------------------|
| Call Sign WQEX410 | File Number |
| Radio Service PW - Public Safety Pool, Conventional | |
| Regulatory Status PMRS | |
| Frequency Coordination Number | |

FCC Registration Number (FRN): 0012781944

| | | | |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|
| Grant Date 05-09-2006 | Effective Date 05-09-2006 | Expiration Date 05-09-2016 | Print Date |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** 911 N. LOTUS DRIVE
City: ROUND LAKE BEACH **County:** LAKE **State:** IL
Lat (NAD83): 42-21-55.0 N **Long (NAD83):** 088-06-05.0 W **ASR No.:** **Ground Elev:** 234.4
- Loc. 3 Address:** 735 W. PANTHER DRIVE
City: ROUND LAKE **County:** LAKE **State:** IL
Lat (NAD83): 42-21-30.4 N **Long (NAD83):** 088-06-00.9 W **ASR No.:** **Ground Elev:** 241.0
- Loc. 4 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: IL
- Loc. 5 Area of operation**
Operating within a 24.0 km radius around fixed location 1

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 | 000155.88000000 | FB | 2 | | 11K2F3E 20K0F3E | 50.000 | 50.000 | 14.1 | 9.9 | 05-09-2007 |

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: CENCOM E 9-1-1 EMERGENCY TELEPHONE

Call Sign: WQEX410

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 meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1 | 1 | 000155.11500000 | FBS | 1 | | 11K2F3E 20K0F3E | 50.000 | 50.000 | 14.1 | 9.9 | 05-09-2007 |
| 3 | 1 | 000155.11500000 | FB2 | 1 | | 11K2F3E 20K0F3E | 100.000 | 70.000 | 53.3 | 56.4 | 05-09-2007 |
| 4 | 1 | 000155.98500000 | FX1 | 10 | | 11K2F3E 20K0F3E | 25.000 | 50.000 | | | |
| 5 | 1 | 000155.11500000 | MO | 250 | | 11K2F3E 20K0F3E | 45.000 | 45.000 | | | 05-09-2007 |
| 5 | 1 | 000155.88000000 | MO | 250 | | 11K2F3E 20K0F3E | 45.000 | 45.000 | | | 05-09-2007 |
| 5 | 1 | 000155.98500000 | MO | 250 | | 11K2F3E 20K0F3E | 45.000 | 45.000 | | | 05-09-2007 |

Control Points

Control Pt. No. 1

Address: 911 N. LOTUS DRIVE

City: ROUND LAKE BEACH County: LAKE State: IL Telephone Number: (847)270-9111

Control Pt. No. 2

Address: 409 W. NIPPERSINK ROAD

City: ROUND LAKE County: LAKE State: IL Telephone Number: (847)546-6001

Associated Call Signs

Waivers/Conditions:

NONE