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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: BAY AREA ELECTRIC RAILROAD
ASSOCIATION

BAY AREA ELECTRIC RAILROAD ASSOCIATION
5848 STATE HIGHWAY 12
SUISUN CITY, CA 94585

Call Sign WPDE295	File Number
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001536903

Grant Date 07-13-2023	Effective Date 07-13-2023	Expiration Date 09-14-2033	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** 5848 ST RT 12
City: SUISUN CITY **County:** SOLANO **State:** CA
Lat (NAD83): 38-12-17.7 N **Long (NAD83):** 121-53-27.9 W **ASR No.:** **Ground Elev:** 30.0
- Loc. 2 Area of operation**
Operating within a 97.0 km radius around fixed location 1
- Loc. 4 Area of operation**
Operating within a 40.0 km radius around 38-12-17.7 N, 121-53-27.9 W,
SUISUN CITY, SOLANO county, CA
- Loc. 5 Address:** Shiloh Rd at Rail Road Crossing
City: Suisun City **County:** SOLANO **State:** CA
Lat (NAD83): 38-08-52.1 N **Long (NAD83):** 121-53-16.9 W **ASR No.:** **Ground Elev:** 23.0
- Loc. 6 Area of operation**
Operating within a 40.0 km radius around fixed location 5
- Loc. 7 Area of operation**
Operating within a 32.0 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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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	000161.35500000	FB	1		11K0F3E	60.000	150.000	13.0	21.0	
1	2	000154.49000000	FB2	1		11K0F3E	40.000	120.000	13.0	21.0	03-22-2024
2	1	000161.35500000	MO	40		11K0F3E	45.000	45.000			
4	1	000159.51000000	MO	40		11K0F3E	45.000	45.000			12-28-2013
4	1	000159.69000000	MO	40		11K0F3E	45.000	45.000			12-28-2013
4	1	000160.09500000	MO	40		11K0F3E	45.000	45.000			12-28-2013
4	1	000160.15500000	MO	40		11K0F3E	45.000	45.000			12-28-2013
4	1	000159.54000000	MO	40		11K0F3E	45.000	45.000			12-28-2013
5	1	000152.39750000	FB2	1		11K0F3E	60.000	150.000	18.0	21.6	05-09-2023
6	1	000152.39750000	MO	40		11K0F3E	45.000	45.000			05-09-2023
6	1	000157.65750000	MO	40		11K0F3E	45.000	45.000			05-09-2023
7	1	000154.49000000	MO	40		11K0F3E	45.000	45.000			03-22-2024
7	1	000159.51000000	MO	40		11K0F3E	45.000	45.000			03-22-2024

Control Points

Control Pt. No. 1

Address: 5848 ST RT 12

City: SUISUN CITY **County:** SOLANO **State:** CA **Telephone Number:** (707)374-2978

Associated Call Signs

<NA>

Licensee Name: BAY AREA ELECTRIC RAILROAD

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Waivers/Conditions:

NONE

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