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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: UNION PACIFIC RAILROAD COMPANY

ATTN: THOMAS J MCGOVERN
UNION PACIFIC RAILROAD COMPANY
1400 DOUGLAS ST, STOP 0640
OMAHA, NE 68179

Call Sign KFJ981	File Number 0010728394
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001539048

Grant Date 12-20-2014	Effective Date 10-12-2023	Expiration Date 01-30-2025	Print Date 10-12-2023
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: CARMENS OFFICE ROPER YD 650 DAVIS RD
City: SALT LAKE CITY County: SALT LAKE State: UT
Lat (NAD83): 40-42-31.8 N Long (NAD83): 111-54-33.8 W ASR No.: Ground Elev: 1290.0
- Loc. 2** Address: ROPER YD TELECOM, 650 W DAVIS RD
City: SALT LAKE CITY County: SALT LAKE State: UT
Lat (NAD83): 40-43-21.8 N Long (NAD83): 111-54-35.7 W ASR No.: 1204015 Ground Elev: 1290.2
- Loc. 3** Address: ROPER YARD OFFICE, 650 DAVIS RD
City: SALT LAKE CITY County: SALT LAKE State: UT
Lat (NAD83): 40-43-21.8 N Long (NAD83): 111-54-37.8 W ASR No.: Ground Elev: 1289.0
- Loc. 4** Address: EAST TOWER ROPER YD 650 DAVIS RD
City: SALT LAKE CITY County: SALT LAKE State: UT
Lat (NAD83): 40-42-29.8 N Long (NAD83): 111-54-34.8 W ASR No.: Ground Elev: 1293.0
- Loc. 5** Address: 21ST ST CAMERA SITE
City: SALT LAKE CITY County: SALT LAKE State: UT
Lat (NAD83): 40-43-38.8 N Long (NAD83): 111-54-31.7 W ASR No.: Ground Elev: 1289.0
- Loc. 6** Address: SO YD, 620 PUGSLY ST
City: SALT LAKE CITY County: SALT LAKE State: UT
Lat (NAD83): 40-42-27.9 N Long (NAD83): 111-54-33.4 W ASR No.: Ground Elev: 1290.0

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.

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Fixed Location Address or Mobile Area of Operation

Loc. 7 Area of operation

Operating within a 13.0 km radius around 40-43-38.8 N, 111-54-31.7 W,
SALT LAKE CITY, SALT LAKE county, UT

Loc. 8 Area of operation

Operating within a 16.0 km radius around 40-42-27.9 N, 111-54-33.4 W,
SALT LAKE CITY, SALT LAKE county, UT

Loc. 9 Area of operation

Operating within a 16.0 km radius around 40-43-21.8 N, 111-54-35.7 W,
SALT LAKE CITY, SALT LAKE county, UT

Loc. 10 Area of operation

Operating within a 16.0 km radius around 40-43-21.8 N, 111-54-37.8 W,
SALT LAKE CITY, SALT LAKE county, UT

Loc. 11 Area of operation

Operating within a 16.0 km radius around 40-42-29.8 N, 111-54-34.8 W,
SALT LAKE CITY, SALT LAKE county, UT

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	000160.45500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
1	1	000160.72500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
1	1	000160.74000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
1	1	000160.83000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
1	1	000160.92000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
1	1	000161.49000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
1	1	000161.55000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	12.0	-132.0	
2	1	000160.27500000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	

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2	1	000160.45500000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
2	1	000160.72500000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
2	1	000160.74000000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
2	1	000160.83000000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
2	1	000160.92000000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
2	1	000161.49000000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
2	1	000161.55000000	FB	1		11K2F3E 4K00F1E	45.000	114.000	15.0	-132.0	
3	1	000160.27500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.38000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.45500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.47000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.51500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.69500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.72500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	

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3	1	000160.74000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.83000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.90500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000160.92000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000161.13000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000161.22000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000161.41500000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000161.46000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000161.49000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	1	000161.55000000	FB	1		11K2F3E 4K00F1E	45.000	21.000	11.0	-135.0	
3	2	000160.27500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.33500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.36500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.38000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	

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3	2	000160.39500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.45500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.65000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.72500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.74000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.83000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.90500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.92000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000160.98000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.13000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.17500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.22000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.23500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.41500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	

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3	2	000161.46000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.49000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.55000000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
3	2	000161.56500000	FB	1		11K2F3E 4K00F1E	45.000	110.000	15.0	-131.0	
4	1	000160.47000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000160.51500000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000160.63500000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000160.69500000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000160.74000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000160.90500000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000160.92000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000161.13000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000161.22000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000161.23500000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	

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4	1	000161.41500000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000161.46000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
4	1	000161.49000000	FB	1		11K2F3E 4K00F1E	45.000	107.000	21.0	-120.0	
5	1	000161.22000000	FB2	1		11K2F3E 4K00F1E	5.000	2.750	15.3	-113.8	03-30-2005
6	1	000161.41500000	FB2	1		11K2F3E 4K00F1E	5.000	2.800	12.2	-104.2	03-30-2005
7	1	000161.22000000	MO	30		11K2F3E 4K00F1E	5.000	5.000			03-30-2005
7	1	000160.50000000	MO	30		11K2F3E 4K00F1E	5.000	5.000			03-30-2005
8	1	000161.41500000	MO	30		11K2F3E 4K00F1E	5.000	5.000			03-30-2005
8	1	000160.69500000	MO	30		11K2F3E 4K00F1E	5.000	5.000			03-30-2005
8	1	000160.57500000	MO	15		11K2F3E 4K00F1E	5.000	5.000			07-26-2017
9	1	000160.45500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
9	1	000160.72500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
9	1	000160.74000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
9	1	000160.83000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017

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9	1	000160.92000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
9	1	000161.55000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
9	1	000160.27500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.38000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.47000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.69500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.90500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.13000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.22000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.41500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.46000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.33500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.36500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.39500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017

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10	1	000160.65000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000160.98000000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.17500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.23500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
10	1	000161.56500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017
11	1	000160.63500000	MO	25		11K2F3E 4K00F1E	30.000	30.000			07-26-2017

Control Points

Control Pt. No. 1

Address: 1400 DOUGLAS ST. STOP 0640

City: OMAHA **County:** DOUGLAS **State:** NE **Telephone Number:** (402)544-6090

Associated Call Signs

KAI655, KA2337

<NA>

Waivers/Conditions:

GRANT OF THIS TRANSFER OF CONTROL IS WITHOUT PREJUDICE TO ANY FUTURE ACTION THE ENFORCEMENT BUREAU MAY TAKE.