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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CSX TRANSPORTATION INC

ATTN: FCC LICENSE COORDINATOR  
CSX TRANSPORTATION INC  
6735 SOUTHPOINT DR S 4TH FLOOR  
JACKSONVILLE, FL 32216

<b>Call Sign</b> WNAZ321	<b>File Number</b>
<b>Radio Service</b> IG - Industrial/Business Pool, Conventional	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0002036325

<b>Grant Date</b> 01-07-2014	<b>Effective Date</b> 02-07-2020	<b>Expiration Date</b> 03-14-2024	<b>Print Date</b>
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**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1** Address: 3201 LONGWAY BLVD  
City: FLINT County: GENESEE State: MI  
Lat (NAD83): 43-01-32.8 N Long (NAD83): 083-39-00.0 W ASR No.: N/A Ground Elev: 228.9
- Loc. 2** Address: 250 CHURCH ST CSXT YARD OFC  
City: GRAND BLANC County: GENESEE State: MI  
Lat (NAD83): 42-55-41.1 N Long (NAD83): 083-38-06.8 W ASR No.: N/A Ground Elev: 256.0
- Loc. 3** Address: 9141 WATER RD  
City: HOLLY County: OAKLAND State: MI  
Lat (NAD83): 42-43-51.0 N Long (NAD83): 083-37-02.1 W ASR No.: N/A Ground Elev: 299.0
- Loc. 4** Address: 1025 WEST FRONT STREET  
City: MONROE County: MONROE State: MI  
Lat (NAD83): 41-55-06.4 N Long (NAD83): 083-24-44.6 W ASR No.: N/A Ground Elev: 182.8
- Loc. 5** Address: 45295 W 12 MILE RD  
City: NOVI County: OAKLAND State: MI  
Lat (NAD83): 42-29-40.8 N Long (NAD83): 083-29-45.0 W ASR No.: N/A Ground Elev: 281.0
- Loc. 6** Address: 36410 PENNSYLVANIA RD  
City: ROMULUS County: WAYNE State: MI  
Lat (NAD83): 42-10-48.1 N Long (NAD83): 083-23-38.8 W ASR No.: 1208456 Ground Elev: 193.0

**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 40.0 km radius around 42-29-40.8 N, 083-29-45.0 W,  
NOVI, OAKLAND county, MI

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	000160.23000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	14.7	
1	1	000160.78500000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	14.7	
1	1	000161.37000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	14.7	
1	1	000160.99500000	FB	1		11K2F3E	45.000	33.000	21.3	14.7	05-09-2019
1	1	000161.08500000	FB	1		11K2F3E	45.000	33.000	21.3	14.7	05-09-2019
2	1	000160.23000000	FB	1		11K2F3E 4K00F1E	45.000	73.000	15.0	14.8	
2	1	000160.78500000	FB	1		11K2F3E 4K00F1E	45.000	73.000	15.0	14.8	
2	1	000161.16000000	FB	1		11K2F3E 4K00F1E	45.000	73.000	15.0	14.8	
2	1	000161.37000000	FB	1		11K2F3E 4K00F1E	45.000	73.000	15.0	14.8	
3	1	000160.23000000	FB	1		11K2F3E 4K00F1E	40.000	35.000	21.3	16.5	
3	1	000160.78500000	FB	1		11K2F3E 4K00F1E	40.000	35.000	21.3	16.5	
3	1	000161.37000000	FB	1		11K2F3E 4K00F1E	40.000	35.000	21.3	16.5	
3	1	000160.99500000	FB	1		11K2F3E	40.000	35.000	21.3	16.5	05-09-2019
3	1	000161.08500000	FB	1		11K2F3E	40.000	35.000	21.3	16.5	05-09-2019

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3	1	000160.39500000	FB	1		11K2F3E	25.000	50.000	21.3	16.5	02-07-2021
4	1	000160.23000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	27.3	
4	1	000160.63500000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	27.3	
4	1	000160.78500000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	27.3	
4	1	000161.37000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	27.3	
4	1	000160.99500000	FB	1		11K2F3E	45.000	33.000	21.3	27.3	05-09-2019
4	1	000161.08500000	FB	1		11K2F3E	45.000	33.000	21.3	27.3	05-09-2019
5	1	000160.23000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	30.2	
5	1	000160.78500000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	30.2	
5	1	000161.37000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	30.2	
5	1	000160.99500000	FB	1		11K2F3E	45.000	33.000	21.3	30.2	05-09-2019
5	1	000161.08500000	FB	1		11K2F3E	45.000	33.000	21.3	30.2	05-09-2019
6	1	000160.23000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	20.2	
6	1	000160.63500000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	20.2	
6	1	000160.78500000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	20.2	
6	1	000161.37000000	FB	1		11K2F3E 4K00F1E	45.000	33.000	21.3	20.2	
6	1	000160.99500000	FB	1		11K2F3E	45.000	33.000	21.3	20.2	05-09-2019

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6	1	000161.08500000	FB	1		11K2F3E	45.000	33.000	21.3	s20.2	05-09-2019
7	1	000161.26500000	MO	10		11K2F3E	25.000	50.000			02-07-2021

Control Points

Control Pt. No. 1

Address: 3019 WARRINGTON ST

City: JACKSONVILLE County: DUVAL State: FL Telephone Number: (904)388-2180

Control Pt. No. 2

Address: 31 E GEORGIA ST

City: INDIANAPOLIS County: MARION State: IN Telephone Number: (317)267-4924

Associated Call Signs

KA4101

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.