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

RADIO STATION AUTHORIZATION

LICENSEE: SHELTON, CITY OF

SHELTON, CITY OF
54 HILL STREET
SHELTON, CT 06484

Call Sign WQNE393	File Number 0009283239
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0005082698

Grant Date 11-03-2020	Effective Date 11-03-2020	Expiration Date 01-06-2031	Print Date 11-03-2020
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 2 SCHOOL STREET
City: SHELTON County: FAIRFIELD State: CT
Lat (NAD83): 41-20-00.3 N Long (NAD83): 073-08-48.4 W ASR No.: Ground Elev: 186.0
- Loc. 2** Address: 27 WATERVIEW DRIVE
City: SHELTON County: FAIRFIELD State: CT
Lat (NAD83): 41-17-43.5 N Long (NAD83): 073-05-00.6 W ASR No.: Ground Elev: 122.0
- Loc. 3** Area of operation
Operating within a 17.0 km radius around fixed location 1
- Loc. 4** Area of operation
Land Mobile Control Station meeting the 6.1 Meter Rule: CT
- Loc. 5** Address: 47 MOHEGAN ROAD
City: SHELTON County: FAIRFIELD State: CT
Lat (NAD83): 41-18-15.4 N Long (NAD83): 073-10-11.5 W ASR No.: Ground Elev: 165.0
- Loc. 6** Address: 2 CORPORATE DRIVE
City: SHELTON County: FAIRFIELD State: CT
Lat (NAD83): 41-16-31.6 N Long (NAD83): 073-07-44.5 W ASR No.: Ground Elev: 97.0
- Loc. 7** Address: 54 HILL STREET
City: SHELTON County: FAIRFIELD State: CT
Lat (NAD83): 41-18-49.4 N Long (NAD83): 073-05-32.1 W ASR No.: Ground Elev: 45.0

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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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	000453.43750000	FB2	1	150	11K0F1E 11K0F3E	5.000	20.000	22.0	89.4	01-06-2012
2	1	000453.43750000	FB2	1		11K0F1E 11K0F3E	15.000	70.000	15.0	62.3	01-06-2012
3	1	000458.43750000	MO	150		11K0F1E 11K0F3E	45.000	45.000			01-06-2012
3	1	000465.05000000	MO	150		11K0F1E 11K0F3E	2.000	2.000			01-06-2012
3	1	000453.43750000	MO	150		11K0F1E 11K0F3E	2.000	2.000			01-06-2012
3	1	000458.11250000	MO	150		11K0F1E 11K0F3E	2.000	2.000			01-06-2012
4	1	000458.43750000	FX1	7		11K0F1E 11K0F3E	20.000	20.000			
5	1	000453.43750000	FB2	1		11K0F1E 11K0F3E	60.000	50.000	10.0	75.0	09-14-2013
6	1	000453.43750000	FB2	1		11K0F1E 11K0F3E	60.000	60.000	34.0	48.5	09-14-2013
7	1	000453.43750000	FB2	1		11K0F1E 11K0F3E	60.000	100.000	15.0	-31.6	09-14-2013

Control Points

Control Pt. No. 1

Address: 85 WHEELER STREET

City: SHELTON County: FAIRFIELD State: CT Telephone Number: (203)924-5939

Associated Call Signs

<NA>

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Waivers/Conditions:

License application was coordinated for use with a directional antenna in Location 2 [41-17-43.5 N 73-05-00.6 W]. License application for Location 2 was coordinated with a directional antenna with a vertical beamwidth of 15 degrees and a horizontal beamwidth of 200 degrees. The applicant identified horizontal and vertical patterns consistent with parameters found in the Kathrein Scala 738 050 antenna. The applicant is required to utilize the Kathrein Scala 738 050 antenna or equivalent at Location 2. The azimuth of the directional antenna at Location 2 will be 295 degrees.