

September 16, 2019

VIA ECFS

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

RE: Federated Wireless, Inc. Notification of Initial Commercial Deployment in the Citizens Broadband Radio Service
Wireless Telecommunications Bureau and Office of Engineering and Technology Approve Five Spectrum Access System Administrators to Begin Initial Commercial Deployments in the 3.5 GHz Band, GN Docket No. 15-319

Dear Ms. Dortch:

Federated Wireless, Inc. ("Federated Wireless") is pleased to submit this notification ("Notification") of its Initial Commercial Deployment ("ICD") in the Citizens Broadband Radio Service in response to the Public Notice ("*ICD Approval PN*") issued by the Federal Communications Commission ("Commission") authorizing Spectrum Access System ("SAS") Administrators including Federated Wireless to commence ICD operations.¹

This Notification provides the information required by the *ICD Approval PN*, as follows:

*Beginning Date of ICD Period.*² Federated Wireless will commence ICD operations on Wednesday, September 18, 2019.

*Specific Geographic Areas Covered by ICD Deployments.*³ The geographic areas covered by Federated Wireless' ICD operations are set forth in the table attached hereto as Attachment 1.

*Dynamic Protection Area ("DPA") Enablement.*⁴ The Federated Wireless SAS is DPA-enabled. A description of the means by which Federated Wireless will demonstrate the SAS's ability to implement notification-based DPA protections was included in the Federated Wireless ICD Proposal.⁵

¹ *Wireless Telecommunications Bureau and Office of Engineering and Technology Approve Five Spectrum Access System Administrators to Begin Initial Commercial Deployments in the 3.5 GHz Band, GN Docket No. 15-319, Public Notice, DA 19-915 (WTB/OET rel. Sep. 16, 2019) ("ICD Approval PN").*

² *Id.* at para. 6.

³ *Id.*

⁴ *Id.*

⁵ See Letter from Kurt Schaubach, Chief Technology Officer, Federated Wireless, Inc., to Marlene H. Dortch, Secretary, FCC, GN Docket No. 15-319 (filed Sept. 10, 2018).

*Operation with Environmental Sensing Capability (“ESC”).*⁶ During the first 30 days of ICD, Federated Wireless will not operate with its approved ESC network.⁷ Federated Wireless intends to operate with its approved ESC network seven business days after providing the Commission notice of such expanded ICD operations and submitting its ICD Report to the Commission.⁸

*Expected End Date of ICD Reporting Period.*⁹ Federated Wireless expects its ICD reporting period to end October 17, 2019, 30 days after the commencement of ICD operations.

*Incumbent Operator Point of Contact.*¹⁰ During ICD, Incumbent Access tier users in the Fixed-Satellite Service and Grandfathered Wireless Broadband Licensees may contact the Federated Wireless Network Operations Center (“NOC”) at 844-265-4799 to report potential interference issues. The NOC is available 24 hours a day, seven days a week.

In addition, consistent with the *ICD Approval PN*,¹¹ Federated Wireless states that:

- Federated Wireless’ ICD operations will continue for a minimum of 30 consecutive days and demonstrate compliance with the Commission’s rules and the requirements set forth in the *ICD Proposals PN*;¹²
- Federated Wireless will operate a SAS during ICD that is functionally consistent with the SAS tested in the laboratory environment;
- Federated Wireless will comply with all current and future Commission rules, instructions, and procedures;
- Federated Wireless will comply with all instructions issued by the Wireless Telecommunications Bureau (“WTB”) and the Office of Engineering and Technology (“OET”);
- Federated Wireless will promptly respond to any Commission, WTB, Enforcement Bureau (“EB”), or OET requests for additional information; and
- During ICD, Federated Wireless will promptly deactivate, or make changes in the operational parameters of any Citizens Broadband Service Device or group thereof, if directed to do so by the Commission, WTB, OET, or EB.

⁶ *ICD Approval PN* at para. 6.

⁷ See *Wireless Telecommunications Bureau and Office of Engineering and Technology Announce the Approval and Registration of Environmental Sensing Capability Sensors of Three ESC Operators for the 3.5 GHz Band*, GN Docket No. 15-319, Public Notice, DA 19-718 (WTB/OET rel July 29, 2019).

⁸ *ICD Approval PN* at para. 10.

⁹ *Id.* at para. 6.

¹⁰ *Id.*

¹¹ *Id.*

¹² *Wireless Telecommunications Bureau and Office of Engineering and Technology Establish Procedure and Deadline for Filing Spectrum Access System Initial Commercial Deployment Proposals*, Public Notice, DA 18-783 (WTB/OET rel. July 27, 2018) (“*ICD Proposals PN*”)

Should you have any questions regarding the foregoing or require additional information, please contact the undersigned.

Respectfully submitted,

/s/ Jennifer M. McCarthy
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Attachment

ATTACHMENT 1

Geographic Areas Covered by ICD Deployments

City	State
Lincoln	Alabama
Avondale	Arizona
Wynne	Arkansas
Anaheim	California
Carson	California
Chino	California
Compton	California
Cupertino	California
Long Beach	California
Los Angeles	California
Menlo Park	California
Milpitas	California
Rancho Dominguez	California
San Jose	California
San Pedro	California
San Pedro	California
Terminal Island	California
Wilmington	California
Aurora	Colorado
Castle Rock	Colorado
Washington	District of Columbia
Boca Raton	Florida
Daytona Beach	Florida
Fort Lauderdale	Florida
Gainesville	Florida
Melbourne	Florida
Orlando	Florida
Tampa	Florida
Atlanta	Georgia
Bismarck	Illinois
Chicago	Illinois
Clarence	Illinois
Collison	Illinois
Muncie	Illinois
Naperville	Illinois
Oak Park	Illinois
Schaumburg	Illinois
Woodstock	Illinois
Anderson	Indiana
Butler	Indiana

City	State
Markle	Indiana
Portland	Indiana
Union City	Indiana
West Lafayette	Indiana
Urbandale, IA	Iowa
Cadillac	Michigan
Detroit	Michigan
East Lansing	Michigan
Grand Rapids	Michigan
Lake City	Michigan
Lansing	Michigan
Montague	Michigan
Saginaw	Michigan
Shelby	Michigan
Southfield	Michigan
Sterling Heights	Michigan
Westland	Michigan
Ypsilanti	Michigan
St. Louis	Missouri
Tilton	New Hampshire
Hoboken	New Jersey
Mount Laurel	New Jersey
Albany	New York
Manchester	New York
Manhattan	New York
New York	New York
West Nyack	New York
Mooresville	North Carolina
Argyle	North Dakota
East Grand Forks	North Dakota
Grafton	North Dakota
Grand Forks	North Dakota
Hallock	North Dakota
Larimore	North Dakota
Minto	North Dakota
Reynolds	North Dakota
Thompson	North Dakota
Chatfield	Ohio
Kelleys Island	Ohio
Luckey	Ohio
Marion	Ohio
Upper Sandusky	Ohio
Mounds	Oklahoma

City	State
Purcell	Oklahoma
Bloomsburg	Pennsylvania
Camp Hill	Pennsylvania
Lock Haven	Pennsylvania
Millersville	Pennsylvania
Red Lion	Pennsylvania
Scranton	Pennsylvania
Shippensburg	Pennsylvania
Dallas	Texas
Dallas	Texas
Frisco	Texas
Garland	Texas
Houston	Texas
Irving	Texas
Plano	Texas
Dallas	Texas
Carrollton	Texas
Trinity Mills	Texas
Whitesboro	Texas
Arlington	Virginia
Newport News	Virginia
Bellevue	Washington
Seattle	Washington