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November 4, 2019

Via Electronic Filing

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

Re: Spectrum Access System (SAS) Initial Commercial Deployment (ICD) (GN Docket No. 15-319)

Dear Ms. Dortch:

Google LLC (Google) is adding the attached locations to the list of areas in which its SAS will authorize CBSD operations under ICD. In accordance with the FCC's ICD Public Notice released on September 16, 2019,¹ these operations will commence after the submission of Google's ICD report and at least seven business days after the filing date of this notice.

Google will make use of the Google/CommScope Environmental Sensing Capability (ESC) system to the extent that any of these operations are within a Dynamic Protection Area (DPA) neighborhood and ESC sensor coverage is available.

The contact information for Google's SAS to be used by incumbent operators during the ICD period is sas-operations@google.com.

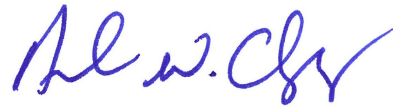
Please contact the undersigned with any questions.

Respectfully submitted,

Megan Anne Stull
Counsel

¹ Public Notice, *Wireless Telecomms. Bureau and Office of Engineering and Tech. Approve Five Spectrum Access System Adm'rs to Begin Initial Commercial Deployments in the 3.5 GHz Band*, GN Docket No. 15-319, DA 19-915, ¶ 10 (rel. Sept. 16, 2019).

GN Dkt. 15-319
November 4, 2019



Andrew W. Clegg
Spectrum Engineering Lead
Google LLC

Attachment: List of new ICD locations

List of new ICD locations

State	Location	Location Type
Alabama	Calhoun	County
Alabama	Cherokee	County
Alabama	Dekalb	County
Alabama	Etowah	County
Alaska	Hoonah	City
Alaska	Juneau	City
Arkansas	Little Rock	City
Arkansas	Lonoke Township	Other
California	Alameda	City
California	Alameda	County
California	Browns Valley	Other
California	Calaveras	County
California	Contra Costa	County
California	Cupertino	City
California	Fremont	City
California	Frenchtown	Unincorporated Community
California	Hayward	City
California	Live Oak	City
California	Marin	County
California	Mariposa	County
California	Mendocino	Unincorporated Community
California	Mendocino	County
California	Merced	County
California	Monterey	County
California	Napa	City
California	Napa	County
California	Newark	City
California	Parlier	City
California	Sacramento	City
California	Sacramento	County
California	San Diego	City
California	San Francisco	City

California	San Francisco	County
California	San Jose	City
California	San Mateo	City
California	San Mateo	County
California	Santa Clara	City
California	Santa Clara	County
California	Santa Cruz	County
California	Santa Maria	City
California	Solano	County
California	Sonoma	County
California	Stanislaus	County
California	Tuolumne	County
California	Tustin	City
California	Union City	City
California	Vista	City
California	Yuba City	City
Colorado	Chaffee	County
Colorado	Eagle	County
Colorado	Garfield	County
Colorado	Gunnison	County
Colorado	Jefferson	County
Colorado	Lake	County
Colorado	Pitkin	County
Florida	Gainesville	City
Florida	Jacksonville	City
Florida	Key West	City
Florida	Melbourne	City
Florida	Okaloosa	County
Georgia	Atlanta	City
Georgia	Sea Island	Other
Hawaii	Honolulu	City
Hawaii	Kihei	City
Hawaii	Wailea	City
Idaho	Lava Hot Springs	City
Illinois	DeKalb	City
Illinois	DuPage	County

Illinois	Gardner	Other
Illinois	Grandridge	Other
Illinois	Joliet	City
Illinois	Marseilles	City
Illinois	Mazon	Other
Illinois	Mchenry	City
Illinois	Minooka	Other
Illinois	Morris	City
Illinois	Odell	Other
Illinois	Ottawa	City
Illinois	Ransom	Other
Illinois	Seneca	Other
Illinois	Streator	City
Illinois	Verona	Other
Illinois	Will	County
Indiana	Bremen	Other
Indiana	Butler	City
Indiana	Crawford	County
Indiana	Culver	Other
Indiana	Dekalb	County
Indiana	Denver	Other
Indiana	Dubois	County
Indiana	Hamlet	Other
Indiana	Kewanna	Other
Indiana	Koontz Lake	Other
Indiana	Lafayette	City
Indiana	Lagrange	County
Indiana	Lawrence	City
Indiana	Madison	County
Indiana	Marion	County
Indiana	North Judson	Other
Indiana	Ober	Other
Indiana	Orange	County
Indiana	Pike	County
Indiana	Plymouth	City
Indiana	Steuben	County

Indiana	Sullivan	County
Indiana	Vigo	County
Indiana	Washington	City
Indiana	Wayne	County
Indiana	West Lafayette	City
Iowa	Audubon	County
Iowa	Buena Vista	County
Iowa	Carroll	County
Iowa	Cass	County
Iowa	Clarion	City
Iowa	Clay	County
Iowa	Crawford	County
Iowa	Dickinson	County
Iowa	Emmet	County
Iowa	Fremont	County
Iowa	Harrison	County
Iowa	Mills	County
Iowa	Monoma	County
Iowa	Montgomery	County
Iowa	Osceola	County
Iowa	Pottawattamie	County
Iowa	Shelby	County
Iowa	Woodbury	County
Kansas	Junction City	City
Kansas	Manhattan	City
Kansas	Reno	County
Kansas	Salina	City
Kansas	Topeka	City
Louisiana	Bienville	Other
Louisiana	Bossier	City
Louisiana	Caddo	Other
Louisiana	DeSoto	Other
Louisiana	Natchitoches	City
Louisiana	Red River	Other
Louisiana	Sabine	Other
Louisiana	Webster	Other

Maine	Cumberland	County
Maine	Hancock	County
Maine	Oxford	County
Maine	Sagadahoc	County
Maine	Washington	County
Maine	York	County
Maryland	Kent	County
Michigan	Bay	County
Michigan	Branch	County
Michigan	Clinton	County
Michigan	Gratiot	County
Michigan	Huron	County
Michigan	Ionia	County
Michigan	Isabella	County
Michigan	Kent	County
Michigan	Lake	County
Michigan	Lapeer	County
Michigan	Mecosta	County
Michigan	Missaukee	County
Michigan	Montcalm	County
Michigan	Newaygo	County
Michigan	Oceanea	County
Michigan	Oceola	County
Michigan	Saginaw	County
Michigan	Sanilac	County
Michigan	St. Clair	County
Michigan	St. Joseph	County
Michigan	Tuscola	County
Michigan	Washtenaw	County
Michigan	Wexford	County
Minnesota	Carver	County
Minnesota	McLeod	County
Minnesota	Meeker	County
Minnesota	Sibley	County
Minnesota	St. Louis	County
Minnesota	Wright	County

Mississippi	Jackson	City
Missouri	Franklin	County
Missouri	Gasconade	County
Missouri	Jefferson	County
Missouri	Warren	County
Nebraska	Burt	County
Nebraska	Butler	County
Nebraska	Cass	County
Nebraska	Cedar	County
Nebraska	Colfax	County
Nebraska	Cuming	County
Nebraska	Dakota	County
Nebraska	Dodge	County
Nebraska	Douglas	County
Nebraska	Gage	County
Nebraska	Jefferson	County
Nebraska	Johnson	County
Nebraska	Lancaster	County
Nebraska	Merrick	County
Nebraska	Nance	County
Nebraska	Nemaha	County
Nebraska	Otoe	County
Nebraska	Pawnee	County
Nebraska	Platte	County
Nebraska	Polk	County
Nebraska	Richardson	County
Nebraska	Saline	County
Nebraska	Sarpy	County
Nebraska	Saunders	County
Nebraska	Seward	County
Nebraska	Thurston	County
Nebraska	Washington	County
Nebraska	York	County
Nevada	Clark	County
Nevada	Las Vegas	City
New Hampshire	Belknap	County

New Hampshire	Carroll	County
New Hampshire	Coös	County
New Hampshire	Grafton	County
New York	Albany	County
New York	Chemung	County
New York	Clinton	County
New York	Erie	County
New York	Essex	County
New York	Fulton	County
New York	Jefferson	County
New York	New York	City
New York	Onondaga	County
New York	Rensselaer	County
New York	Saratoga	County
New York	Schenectady	County
New York	St Lawrence	County
New York	Steuben	County
New York	Tioga	County
New York	Warren	Town
New York	Warren	County
New York	Washington	County
North Carolina	Brunswick	Other
North Carolina	Davidson	County
North Carolina	Halifax	County
North Carolina	Nash	County
North Carolina	New Hanover	City
North Carolina	Pender	County
Ohio	Allen	County
Ohio	Athens	County
Ohio	Augliaze	County
Ohio	Defiance	County
Ohio	Edgerton	City
Ohio	Fairfield	City
Ohio	Hancock	County
Ohio	Hardin	County
Ohio	Logan	City

Ohio	Lucas	County
Ohio	Lyons	City
Ohio	Marion	City
Ohio	Ottawa	County
Ohio	Payne	City
Ohio	Pickaway	County
Ohio	Sandusky	County
Ohio	Seneca	County
Ohio	Stark	County
Ohio	Summit	County
Ohio	Union	City
Ohio	Williams	County
Ohio	Wood	County
Oklahoma	McCurtain	County
Oregon	Beaverton	City
Oregon	Bend	City
Oregon	Bennton	County
Oregon	Clackamas	County
Oregon	Gresham	City
Oregon	Hillsboro	City
Oregon	Lake Oswego	City
Oregon	Lane	County
Oregon	Linn	County
Oregon	Marion	County
Oregon	Portland	City
Pennsylvania	Bradford	City
Pennsylvania	Juniata	County
Pennsylvania	Montour	County
Pennsylvania	Northumberland	County
Pennsylvania	Philadelphia	City
Pennsylvania	Potter	County
Pennsylvania	Snyder	County
Pennsylvania	Tioga	County
Pennsylvania	Union	County
Pennsylvania	Wyoming	County
South Carolina	Orangeburg	City

South Dakota	Beresford	City
South Dakota	Bon Homme	County
South Dakota	Elk Point	City
South Dakota	Mitchell	City
South Dakota	Yankton	City
Tennessee	Greene	County
Tennessee	Johnson	City
Tennessee	Sullivan	County
Tennessee	Washington	County
Texas	Angelina	County
Texas	Atascosa	County
Texas	Atlanta	City
Texas	Bastrop	County
Texas	Bee	County
Texas	Bexar	County
Texas	Caldwell	County
Texas	Cherokee	County
Texas	El Paso	County
Texas	Fayette	County
Texas	Goliad	County
Texas	Gregg	County
Texas	Harrison	County
Texas	Hays	County
Texas	Hopkins	County
Texas	Houston	City
Texas	Hudspeth	County
Texas	Humble	City
Texas	Jasper	County
Texas	Jim Wells	County
Texas	Karnes	County
Texas	Limestone	County
Texas	Live Oak	County
Texas	Marion	County
Texas	McMullen	County
Texas	Navarro	County
Texas	Nueces	County

Texas	Parker	County
Texas	Rains	County
Texas	Refugio	County
Texas	Round Top	Other
Texas	Rusk	Other
Texas	Sabine	County
Texas	San Augustine	County
Texas	San Patricio	County
Texas	Shelby	County
Texas	Smith	County
Texas	Travis	County
Texas	Upshur	County
Texas	Upshur	County
Texas	Van Zandt	County
Texas	Williamson	County
Texas	Wilson	City
Texas	Wilson	County
Texas	Wood	County
Utah	Sanpete	County
Utah	Wasatch	County
Vermont	Addison	County
Vermont	Bennington	County
Vermont	Caledonia	County
Vermont	Chittenden	County
Vermont	Essex	County
Vermont	Franklin	County
Vermont	Grand Isle	County
Vermont	Lamouille	County
Vermont	Orange	County
Vermont	Orleans	County
Vermont	Rutland	County
Vermont	Washington	County
Vermont	Windham	County
Vermont	Windsor	County
Virginia	Fairfax	County
Virginia	Loudoun	County

Virginia	Montgomery	County
Virginia	Pulaski	County
Washington	Anacortes	City
Washington	Bellevue	City
Washington	Federal Way	City
Washington	Kent	City
Washington	Kirkland	City
Washington	Lynnwood	City
Washington	Puyallup	City
Washington	Redmond	City
Washington	Redmond	City
Washington	Renton	City
Washington	Seattle	City
Washington	Spokane	City
Washington	Spokane Valley	City
Washington	Tacoma	City
Washington	Tukwila	City
Wisconsin	Crawford	County
Wisconsin	Dane	County
Wisconsin	Grant	County
Wisconsin	Green	County
Wisconsin	Iowa	County
Wisconsin	Kenosha	City
Wisconsin	Lafayette	County
Wisconsin	Richland	County
Wisconsin	Rock	County
Wisconsin	Sauk	County
Wyoming	Campbell	County
Wyoming	Natrona	County
Wyoming	Sheridan	County