

Exhibit 1
**Echodyne and PureTech Systems Request for Special
Temporary Authority (STA)**

1. Echodyne Corp and PureTech Systems, Inc. respectfully request EXPEDITED CONSIDERATION by February 4, 2022 for the following reasons
 - a. We are requesting expedited consideration as we are testing how well the Echodyne EchoGuard radar can detect drones trying to fly across the perimeter of facilities intending to do harm. For this test, the Federal Government has an interest in having us detect the effectiveness of this radar.
2. Echodyne Corp and PureTech Systems, Inc. seek this Special Temporary Authority “STA” in order to allow integration testing and technical demonstrations of this man transportable commercial-off-the- shelf radar (Echodyne EchoGuard).
3. We are asking to add additional sites of operation. We would like to request

Xator - Summit Point Training Facility
201 Motorsports Park Circle
Summit Point, WV 25443
39° 14' 21.2388"N, 77° 57' 49.14"W
Within 1km of the above lat/long

4. STA is requested for a period of six (6) months. Testing is anticipated to be completed within 6 months of the request.
5. The requested STA will test the effectiveness of detecting drones trying to fly across a perimeter with the Echodyne EchoGuard radar when integrated as part of the security detection system. The RADAR will operate in the 24.45-24.654 GHz range. At normal operation, the Radar operates at approximately 15ft from the ground. The application of the experiment is to test, evaluate and demonstrate drone detection with the RADAR package for evaluation by the Federal Government.
6. Transmitting Equipment:
 - a. Echodyne EchoGuard (FCC ID # 2ANLB-MESASSR00053)
 - b. #of Units to Test = 1
 - c. System Power = 3.200000 W
 - d. ERP = 246.000000 W
7. Stop Buzzer – PureTech Systems, Inc. advises that the following will be available by wireless telephone and will act as a “Stop Buzzer” if any issues regarding interference arise during testing:
 - a. Andrew Carlson, PureTech Systems, Inc., 480-646-6164