

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

XC MO
(Class of Station)

WO2XUT
(Call Sign)

0379-EX-CR-2026
(File Number)

NAME Dynetics, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c&jb) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Ground Huntsville AL, within 14.55 km, centered around NL 34-44-11; WL 86-41-05

Frequency Information

MOBILE: Temporary Fixed Ground Huntsville AL, within 14.55 km, centered around NL 34-44-11; WL 86-41-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449 MHz	MO	4M25F1D	9.2 W (ERP)	0.0001 %
420-449 MHz	MO	4M25F1D	21.7 W (ERP)	4.0E-6 %
420-448 MHz	MO	180KF3N	0.0018 W (ERP)	0.0005 %
2207-2284 MHz	MO	2M32F1D	16 W (ERP)	0.0006 %

This authorization effective August 01, 2026 and
will expire 3:00 A.M. EST August 01, 2028

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COMMISSION



Frequency Information

MOBILE: Temporary Fixed Ground Huntsville AL, within 14.55 km, centered around NL 34-44-11; WL 86-41-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2291-2303 MHz	MO	2M32F1D	16 W (ERP)	0.0006 %
5399-5901 MHz	MO	1M28P0N	1.93 W (ERP)	0.017 %
5399-5901 MHz	MO	2M00P0N	0.002 uW (ERP)	0.051 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Special Operations Command, Contract number: W15QKN-18-9-1008. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) Operation must notch out following frequency bands:
 - a. 2200.2-2206.2 MHz
 - b. 2284.5-2290.5 MHz
- (5) Stop Buzzer POC is Bret Jelke at 321-704-7663 and Tyler Cordell (256) 509-5513.
- (6) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to NASA OPS, SPCE, GND STNS in NTIA manual 8.3.15 assignments. Used on non-interference basis.
- (7) Prior to commencing any operations in the 2190-2200 MHz frequency band, experimental licensee must notify licensee of DBSD Services Limited. (Call sign E070272, POC/Satellite: S2651. Name: Ms. Allison Minea, Phone Number: 202-293-1216, E-Mail: alison.minea@dish.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (8) Prior to commencing any operations under the experimental in Prior to commencing any operations in Intelligent Transportation System (ITS) frequencies (5895-5925 MHz), the applicant must obtain consent from part 90 licensees in the IQ and QQ radio services operating DSRC or C-V2X systems in the geographic test area.