

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WR9XGO

(Call Sign)

XT FX MO

(Class of Station)

1673-EX-ST-2020

(File Number)

NAME L3Harris

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The Banshee radio will be sending telemetry and other data from air to air or from air to ground platforms.

Station Locations

- (1) Omaha (DOUGLAS), NE - NL 41-06-55; WL 95-55-21; MOBILE: Omaha, NB, within 42.6 km, centered around NL 41-06-55; WL 95-55-21

Frequency Information

Omaha (DOUGLAS), NE - NL 41-06-55; WL 95-55-21; MOBILE: Omaha, NB, within 42.6 km, centered around NL 41-06-55; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2000-2290 MHz	MO	60M0G7W	1 W (ERP)	0.01 %
3100-3550 MHz	MO	60M0G7W	1 W (ERP)	0.01 %

This authorization effective November 09, 2020 and
will expire 3:00 A.M. EST April 10, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (2) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (5) Prior to commencing any operations in the 2000-2010 MHz and 2180-2190 MHz frequency bands, experimental licensee must notify licensee of GAMMA ACQUISITION L.L.C. (Call sign E060430, POC/Satellite: S2633. 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.
- (6) Prior to commencing any operations in the 2010-2020 MHz and 2190-2200 MHz frequency bands, experimental licensee must notify licensee of New DBSD Satellite Services G.P., Debtor-in-Possession. (Call sign E070272, POC/Satellite: S2651. Name: Mr. Stephen M. DeWees, Phone Number: 703-964-1417, E-Mail: stephen.deweese@ico.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.
- (7) The stop buzzer POC is Samuel Steed at (801) 671-7774.
- (8) Airborne operations in 2290-2300 MHz and 3550-3600 MHz bands are not permitted.
- (9) Prior to operations, L3Harris requires to provide stop buzzer POC to (Jimmy.nguyen@us.af.mil)
- (10) L3Harris should be aware that the band 2200-2290 MHz is allocated for federal operations and is a highly congested band. Non-federal use is on a case-by-case basis. L3Harris should have no expectations of automatic approval in this band in future submissions.
- (11) Operations in 4200-4600 MHz is prohibited.
- (12) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.