

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WD2XIP

(Call Sign)

0171-EX-CR-2018

(File Number)

NAME The MITRE Corporation

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) of the Commission's Rules

Station Locations

- (1) Colorado Springs (EL PASO), CO - NL 38-49-05; WL 104-45-30
- (2) Hagerman (GOODING), ID - NL 42-44-35; WL 114-59-10
- (3) San Diego (SAN DIEGO), CA - NL 32-44-02; WL 117-13-02
- (4) Homestead (DADE), FL - NL 25-29-37; WL 80-23-50
- (5) Chantilly (FAIRFAX), VA - NL 38-53-04; WL 77-28-34
- (6) San Antonio (BEXAR), TX - NL 29-26-36; WL 98-36-29

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-49-05; WL 104-45-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.85-6.425 GHz	FX	8M70G7W 526KG7W	72.5 W (ERP)	
7.9-8.4 GHz	FX	8M70G7W 526KG7W	10471285 W (ERP)	
14-14.5 GHz	FX	8M70G7W	70794578 W (ERP)	

This authorization effective May 01, 2018 and
will expire 3:00 A.M. EST May 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Colorado Springs (EL PASO), CO - NL 38-49-05; WL 104-45-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.5 GHz	FX	526KG7W 68K0G7W 33M4G7W 346KG7W 172KG7W	70794578 W (ERP)	

Hagerman (GOODING), ID - NL 42-44-35; WL 114-59-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	FX	346KG2D	501187 W (ERP)	

San Diego (SAN DIEGO), CA - NL 32-44-02; WL 117-13-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	FX	346KG2D	501187 W (ERP)	

Homestead (DADE), FL - NL 25-29-37; WL 80-23-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	FX	346KG2D	501187 W (ERP)	

Frequency Information

Chantilly (FAIRFAX), VA - NL 38-53-04; WL 77-28-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	FX	346KG2D	501187 W (ERP)	

San Antonio (BEXAR), TX - NL 29-26-36; WL 98-36-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	FX	346KG2D	501187 W (ERP)	

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) 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Licensee shall coordinate with Part 101 microwave users in the 5925-6425 MHz and 14.2-14.4 GHz bands.
- (5) POINT OF COMMUNICATION: Galaxy 16 Satellite
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government. 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.
- (7) Operations in 5.85-6.425 GHz at ERP of 17782794 Watts is prohibited due to possibility of harmful interference to the Fixed Microwave Services.