

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

EXPERIMENTAL

(Nature of Service)

WG9XFV

(Call Sign)

XT FX MO

(Class of Station)

1071-EX-ST-2014

(File Number)

NAME USC Information Sciences Institute

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:

University Cubesatellite experiment.

Station Locations

- (1) Los Angeles (LOS ANGELES), CA - NL 33-57-11; WL 118-26-41
- (2) Lebanon (BOONE), IN - NL 40-02-48; WL 86-25-55
- (3) San Juan Bautista (SAN BENITO), CA - NL 36-51-02; WL 121-29-53
- (4) Los Angeles (LOS ANGELES), CA - NL 33-57-11; WL 118-26-41
- (5) MOBILE: Mobile NGSO
- (6) Los Angeles (LOS ANGELES), CA - NL 33-57-11; WL 118-26-41

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-57-11; WL 118-26-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437 MHz	FX	280KF1D	80 W (ERP)	

This authorization effective January 09, 2014 and
will expire 3:00 A.M. EST July 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Lebanon (BOONE), IN - NL 40-02-48; WL 86-25-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2425 MHz	FX	2M00G7D	25 W (ERP)	
2425 MHz	FX	2M00G7D	25 W (ERP)	

San Juan Bautista (SAN BENITO), CA - NL 36-51-02; WL 121-29-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2425 MHz	FX	2M00G7D	25 W (ERP)	

Los Angeles (LOS ANGELES), CA - NL 33-57-11; WL 118-26-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2425 MHz	FX	2M00G7D	25 W (ERP)	

MOBILE: Mobile NGSO

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437 MHz	MO	20K0F1D	1 W (ERP)	
437.6 MHz	MO	280KF1D	1 W (ERP)	

Frequency Information

MOBILE: Mobile NGSO

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2425 MHz	MO	2M00G7D	1 W (ERP)	

Los Angeles (LOS ANGELES), CA - NL 33-57-11; WL 118-26-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437 MHz	FX	280KF1D	80 W (ERP)	

Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) USC Information Sciences Institute shall coordinate with the Western Area Frequency Coordinator (WAFC), Mr. John Szelog, COMM: 760-939-6948, CELL: 760-608-3586, to schedule/de-conflict in IFDS, since there are FTS and SADL assignments in the operational area.
- (3) USC Information Sciences Institute shall contact AFSMO, 48 hours prior to operation to provide STOP BUZZER POC information to Mr. Jimmy Nguyen, Jimmy.Nguyen@pentagon.af.mil, (Comm 301-225-3729).
- (4) POINT OF COMMUNICATION: Aeneas Cubesat.