

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XKP

(Call Sign)

1068-EX-ST-2021

(File Number)

NAME Cubic Corporation

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:

Cubic plans to perform a demonstration of the HALO system for our AFRL customer. Frequency authorization is requested to complete practice/dry run testing and system demonstration.

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-49-16; WL 117-07-52
- (2) San Diego (SAN DIEGO), CA - NL 32-49-18; WL 117-07-52
- (3) San Diego (SAN DIEGO), CA - NL 32-49-11; WL 117-07-49
- (4) San Diego (SAN DIEGO), CA - NL 32-49-17; WL 117-07-46
- (5) San Diego (SAN DIEGO), CA - NL 32-49-16; WL 117-07-46
- (6) San Diego (SAN DIEGO), CA - NL 32-49-18; WL 117-07-48
- (7) San Diego (SAN DIEGO), CA - NL 32-49-18; WL 117-07-48
- (8) San Diego (SAN DIEGO), CA - NL 32-49-16; WL 117-07-52
- (9) San Diego (SAN DIEGO), CA - NL 32-49-09; WL 117-07-52

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-16; WL 117-07-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	7.7 W (ERP)	0.00001 %

This authorization effective August 25, 2021 and
will expire 3:00 A.M. EST February 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-18; WL 117-07-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	7.5 W (ERP)	0.00001 %

San Diego (SAN DIEGO), CA - NL 32-49-11; WL 117-07-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	1.93 W (ERP)	0.00001 %

San Diego (SAN DIEGO), CA - NL 32-49-17; WL 117-07-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	1.93 W (ERP)	0.0001 %

San Diego (SAN DIEGO), CA - NL 32-49-16; WL 117-07-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	1.93 W (ERP)	0.00001 %

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-18; WL 117-07-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 MHz	FX	34M3G1D	7.7 W (ERP)	0.00001 %

San Diego (SAN DIEGO), CA - NL 32-49-18; WL 117-07-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 MHz	FX	34M3G1D	7.7 W (ERP)	0.00001 %

San Diego (SAN DIEGO), CA - NL 32-49-16; WL 117-07-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	7.7 W (ERP)	0.00001 %

San Diego (SAN DIEGO), CA - NL 32-49-09; WL 117-07-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-15.35 GHz	FX	34M3G1D	7.7 W (ERP)	0.00001 %

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 stop buzzer: Alan Schumann
Phone: 858-810-5756
Email: alan.schumann@cubic.com

Special Conditions:

- (3) All operations are on a non-interference basis to authorized federal users, and long term or multiple location use of the requested frequency bands may not be possible. Cubic Corporation should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (4) Cubic Corporation must notify, and provide Stop Buzzer information to, Mr. Khan Carter, khan.j.carter@us.af.mil, on days of testing or provide a list of times/days of proposed testing.
- (5) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number to adjust the requested frequency band.