

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH9XAI

(Call Sign)

1157-EX-ST-2013

(File Number)

NAME The MITRE 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:

The radar operation under this STA will be used in a data collection as part of the Sense and Avoid (SAA) project.

Station Locations

- (1) MOBILE: On ground near Gray Butte Airfield, CA, within 5 km, centered around NL 34-33-57; WL 117-40-52
- (2) MOBILE: On ground near Burrego Springs Airfield, CA, within 5 km, centered around NL 33-15-31; WL 116-19-12

Frequency Information

MOBILE: On ground near Gray Butte Airfield, CA, within 5 km, centered around NL 34-33-57; WL 117-40-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.377-9.383 GHz	MO	6M00Q1N	1580 W (ERP)	
9.397-9.403 GHz	MO	6M00Q1N	1580 W (ERP)	

This authorization effective January 27, 2014 and
will expire 3:00 A.M. EST May 03, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: On ground near Gray Butte Airfield, CA, within 5 km, centered around NL 34-33-57; WL 117-40-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.417-9.423 GHz	MO	6M00Q1N	1580 W (ERP)	
9.437-9.443 GHz	MO	6M00Q1N	1580 W (ERP)	
9.457-9.463 GHz	MO	6M00Q1N	1580 W (ERP)	
9.477-9.483 GHz	MO	6M00Q1N	1580 W (ERP)	

MOBILE: On ground near Burrego Springs Airfield, CA, within 5 km, centered around NL 33-15-31; WL 116-19-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.377-9.383 GHz	MO	6M00Q1N	1580 W (ERP)	
9.397-9.403 GHz	MO	6M00Q1N	1580 W (ERP)	
9.417-9.423 GHz	MO	6M00Q1N	1580 W (ERP)	
9.437-9.443 GHz	MO	6M00Q1N	1580 W (ERP)	
9.457-9.463 GHz	MO	6M00Q1N	1580 W (ERP)	

Frequency Information

MOBILE: On ground near Burrego Springs Airfield, CA, within 5 km, centered around NL 33-15-31; WL 116-19-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.477-9.483 GHz	MO	6M00Q1N	1580 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) MITRE Corporation must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Szelog at (760) 939-6948 prior to any California operations to mitigate harmful interference to Navy and Marine Corps assignments. MITRE Corporation must also comply with any and all restrictions that may be levied by WAFC.
- (3) 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.
- (4) Stop buzzer POC are Mr. Bob Coury at (978) 831-2314 , or Mr. Wayne Jerzak at Cell: (781) 831-7185 and Office: (781) 271-3033.