

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

EXPERIMENTAL

(Nature of Service)

WS9XGA

(Call Sign)

XT MO

(Class of Station)

0906-EX-ST-2021

(File Number)

NAME University of California San Diego - Scripps Institution of Oceanography

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 drifting arrays are part of an underwater acoustics experiment carried out by the University of California San Diego / Scripps Institution of Oceanography. Drifting arrays with buoys that

Station Locations

- (1) MOBILE: Pacific Ocean 5 nmi WNW of Catalina Island, within 15 km, centered around NL 33-31-00; WL 118-44-00
- (2) MOBILE: Pacific Ocean 5 nmi WNW of Catalina Island, within 15 km, centered around NL 33-31-00; WL 118-44-00

Frequency Information

MOBILE: Pacific Ocean 5 nmi WNW of Catalina Island, within 15 km, centered around NL 33-31-00; WL 118-44-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
161.975-162.025 MHz	MO	25K0Q1D	0.609 W (ERP)	0.001 %

This authorization effective August 24, 2021 and
will expire 3:00 A.M. EST September 07, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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161.975-162.025 MHz	MO	25K0Q1D	0.609 W (ERP)	0.001 %

Special Conditions:

- (1) 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.
- (2) Prior to commencing any operations in the 161.975-162.025 MHz frequency band, experimental licensee must notify licensee of ORBCOMM License Corp. (Call signs: E940534, S2103. Mr. Walter H. Sonnenfeldt, Phone Number: 585-461-3018, E-Mail: sonnenfeldt.walter@orbcomm.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.
- (3) Prior to commencing any operations in the 161.975-162.025 MHz frequency band, experimental licensee must notify licensee of Iridium Constellation LLC (Ms. Maureen C McLaughlin, Phone Number: : 703-287-7518 E-Mail: : maureen.mclaughlin@iridium.com) or Name: Jennifer Hindin, Phone Number: 2027194975 E-Mail: jhindin@wileyrein.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.
- (4) Prior to commencing any operations in the 161.975-162.025 MHz frequency band, experimental licensee must notify licensee of Spire Global, Inc. (Name: Jonathan Rosenblatt, Phone Number: 628-221-5324 E-Mail: jonathan.rosenblatt@spire.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.

Special Conditions:

- (5) Prior to commencing any operations in the 161.975-162.025 MHz frequency band, experimental licensee must notify licensee of HawkEye 360, Inc. (Name: Mr. Rob Rainhart, Phone Number: 571-203-0360 E-Mail: rob@he360.com or Mr. Michael Mineiro Phone Number: 571-203-0360 E-Mail: michael.mineiro@he360.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.