Keith Miller, 16761 Via Del Campo Ct., San Diego, CA 92117,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WL9XEC
(Nature of Service)	(Call Sign)
XT FX	0462-EX-ST-2017
(Class of Station)	(File Number)

NAME General Atomics

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:
Proof-of-concept to receive and process simulated sonobuoy data emitted from a ground base station.

Station Locations
(1) San Diego, CA - NL 32-48-50; WL 117-08-33
(2) Julian (SAN DIEGO), CA - NL 33-04-27; WL 116-37-37

Frequency Information

San Diego, CA - NL 32-48-50; WL 117-08-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.25 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
139.375 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
140.125 MHz	FX	224KF1D	933 mW (ERP)	0.1 %

This authorization effective May 09, 2017 and
will expire 3:00 A.M. EST July 09, 2017

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

San Diego, CA - NL 32-48-50; WL 117-08-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
141.125 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
143.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
143.875 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
146.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
150.25 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
154 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
158.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
161.125 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
163.375 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
164.875 MHz	FX	224KF1D	933 mW (ERP)	0.1 %

Frequency Information

San Diego, CA - NL 32-48-50; WL 117-08-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
167.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
169.375 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
171.625 MHz	FX	224KF1D	933 mW (ERP)	0.1 %

Julian (SAN DIEGO), CA - NL 33-04-27; WL 116-37-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.25 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
139.375 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
140.125 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
141.25 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
143.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
143.875 MHz	FX	224KF1D	933 mW (ERP)	0.1 %

Frequency Information

Julian (SAN DIEGO), CA - NL 33-04-27; WL 116-37-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
146.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
150.25 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
154 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
158.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
161.125 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
163.375 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
164.875 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
167.5 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
169.375 MHz	FX	224KF1D	933 mW (ERP)	0.1 %
171.625 MHz	FX	224KF1D	933 mW (ERP)	0.1 %

Special Conditions:

(1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.

(2) General Atomics must notify paging licensees in the 152/158 MHz bands within 80 km of the test area.