

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WO9XKH

(Call Sign)

0750-EX-ST-2019

(File Number)

NAME San Diego Gas & Electric Company

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 operation is to determine if 10 MHz or 20 MHz TDD channels will support mission critical utility applications without causing any co-channel or adjacent channel interference to existing ..

Station Locations

- (1) Borrego Springs (SAN DIEGO), CA - NL 33-16-16; WL 116-20-54
- (2) Borrego Springs (SAN DIEGO), CA - NL 33-16-16; WL 116-20-54
- (3) Borrego Springs (SAN DIEGO), CA - NL 33-16-16; WL 116-20-54
- (4) MOBILE: 10 km around 1321 Borrego Valley Rd., within 10 km, centered around NL 33-16-16; WL 116-20-54
- (5) Borrego Springs (SAN DIEGO), CA - NL 33-18-05; WL 116-22-10
- (6) Borrego Springs (SAN DIEGO), CA - NL 33-18-05; WL 116-22-10
- (7) Borrego Springs (SAN DIEGO), CA - NL 33-18-05; WL 116-22-10
- (8) MOBILE: 10 km around 898-484 Henderson Canyon Rd., within 10 km, centered around NL 33-18-05; WL 116-22-10
- (9) Borrego Springs (SAN DIEGO), CA - NL 33-14-26; WL 116-22-28
- (10) Borrego Springs (SAN DIEGO), CA - NL 33-14-26; WL 116-22-28
- (11) Borrego Springs (SAN DIEGO), CA - NL 33-14-26; WL 116-22-28
- (12) MOBILE: 10 KM around 601-699 Barrell Drive, within 10 km, centered around NL 33-14-26; WL 116-22-28
- (13) Borrego Springs (SAN DIEGO), CA - NL 33-12-41; WL 116-20-45
- (14) Borrego Springs (SAN DIEGO), CA - NL 33-12-41; WL 116-20-45
- (15) Borrego Springs (SAN DIEGO), CA - NL 33-12-41; WL 116-20-45
- (16) MOBILE: 10 km around 4510-4572 Co Hwy S3, within 10 km, centered around NL 33-12-40; WL 116-19-50
- (17) Borrego Springs (SAN DIEGO), CA - NL 33-16-35; WL 116-22-30

This authorization effective July 01, 2019 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

(18) Borrego Springs (SAN DIEGO), CA - NL 33-16-35; WL 116-22-30

(19) Borrego Springs (SAN DIEGO), CA - NL 33-16-35; WL 116-22-30

(20) MOBILE: 10 km around 2093-1701 Borrego Springs Rd., within 10 km, centered around
NL 33-16-35; WL 116-22-30

(21) MOBILE: 10, within 10 km, centered around NL 33-16-16; WL 116-20-54

Frequency Information

Borrego Springs (SAN DIEGO), CA - NL 33-16-16; WL 116-20-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-16-16; WL 116-20-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-16-16; WL 116-20-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

MOBILE: 10 km around 1321 Borrego Valley Rd., within 10 km, centered around NL 33-16-16; WL 116-20-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	MO	18M0W7W	0.2 W (ERP)	0.00002 %

Frequency Information

Borrego Springs (SAN DIEGO), CA - NL 33-18-05; WL 116-22-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-18-05; WL 116-22-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-18-05; WL 116-22-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

MOBILE: 10 km around 898-484 Henderson Canyon Rd., within 10 km, centered around NL 33-18-05; WL 116-22-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	MO	18M0W7W	0.2 W (ERP)	0.00002 %
3650-3670 MHz	MO	18M0W7W	50 W (ERP)	0.00002 %

Frequency Information

Borrego Springs (SAN DIEGO), CA - NL 33-14-26; WL 116-22-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-14-26; WL 116-22-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-14-26; WL 116-22-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

MOBILE: 10 KM around 601-699 Barrell Drive, within 10 km, centered around NL 33-14-26; WL 116-22-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	MO	18M0W7W	0.2 W (ERP)	0.00002 %
3650-3670 MHz	MO	18M0W7W	50 W (ERP)	0.00002 %

Frequency Information

Borrego Springs (SAN DIEGO), CA - NL 33-12-41; WL 116-20-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-12-41; WL 116-20-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-12-41; WL 116-20-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

MOBILE: 10 km around 4510-4572 Co Hwy S3, within 10 km, centered around NL 33-12-40; WL 116-19-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	MO	18M0W7W	0.2 W (ERP)	0.00002 %
3650-3670 MHz	MO	18K0W7W	50 W (ERP)	0.00002 %

Frequency Information

Borrego Springs (SAN DIEGO), CA - NL 33-16-35; WL 116-22-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-16-35; WL 116-22-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

Borrego Springs (SAN DIEGO), CA - NL 33-16-35; WL 116-22-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	18M0W7W	50 W (ERP)	0.00002 %

MOBILE: 10 km around 2093-1701 Borrego Springs Rd., within 10 km, centered around NL 33-16-35; WL 116-22-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	MO	18M0W7W	0.2 W (ERP)	0.00002 %
3650-3670 MHz	MO	18M0W7W	50 W (ERP)	0.00002 %

Frequency Information

MOBILE: 10, within 10 km, centered around NL 33-16-16; WL 116-20-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	MO	18M0W7W	50 W (ERP)	0.00002 %

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (5) Licensee shall maintain operation separation from the grandfathered earth stations as defined in Part 90, Subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3670 MHz band.
- (6) Licensee shall consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas prior to operation in this band.