

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XR FX

(Class of Station)

WD2XVS

(Call Sign)

0069-EX-CR-2020

(File Number)

NAME San Francisco State University - Romberg Tiburon Center

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(a & d) of the Commission's Rules

Station Locations

- (1) Drakes Beach (MARIN), CA - NL 38-01-40; WL 122-57-39
- (2) Big Sur (MONTEREY), CA - NL 36-18-21; WL 121-54-05
- (3) Pacific Grove (MONTEREY), CA - NL 36-38-12; WL 121-56-08
- (4) Monterey (MONTEREY), CA - NL 36-36-12; WL 121-52-19
- (5) Santa Cruz (SANTA CRUZ), CA - NL 36-56-57; WL 122-03-58
- (6) Laguna De Las Tranca (SANTA CRUZ), CA - NL 37-05-22; WL 122-16-27
- (7) Pescadero (SAN MATEO), CA - NL 37-10-58; WL 122-23-37
- (8) Montara (SAN MATEO), CA - NL 37-32-12; WL 122-31-22
- (9) Sausalito (MARIN), CA - NL 37-48-57; WL 122-31-55
- (10) Bolinas (MARIN), CA - NL 37-54-47; WL 122-43-46
- (11) San Francisco (SAN FRANCISCO), CA - NL 37-42-44; WL 122-30-06
- (12) Carmel (MONTEREY), CA - NL 36-26-24; WL 121-55-20

Frequency Information

Drakes Beach (MARIN), CA - NL 38-01-40; WL 122-57-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %

This authorization effective March 01, 2020 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Drakes Beach (MARIN), CA - NL 38-01-40; WL 122-57-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Big Sur (MONTEREY), CA - NL 36-18-21; WL 121-54-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

Big Sur (MONTEREY), CA - NL 36-18-21; WL 121-54-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Pacific Grove (MONTEREY), CA - NL 36-38-12; WL 121-56-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

Monterey (MONTEREY), CA - NL 36-36-12; WL 121-52-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Santa Cruz (SANTA CRUZ), CA - NL 36-56-57; WL 122-03-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

Santa Cruz (SANTA CRUZ), CA - NL 36-56-57; WL 122-03-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Laguna De Las Tranca (SANTA CRUZ), CA - NL 37-05-22; WL 122-16-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

Pescadero (SAN MATEO), CA - NL 37-10-58; WL 122-23-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Montara (SAN MATEO), CA - NL 37-32-12; WL 122-31-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

Montara (SAN MATEO), CA - NL 37-32-12; WL 122-31-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Sausalito (MARIN), CA - NL 37-48-57; WL 122-31-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

Bolas (MARIN), CA - NL 37-54-47; WL 122-43-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

San Francisco (SAN FRANCISCO), CA - NL 37-42-44; WL 122-30-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Frequency Information

San Francisco (SAN FRANCISCO), CA - NL 37-42-44; WL 122-30-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 W (ERP)	0.001 %

Carmel (MONTEREY), CA - NL 36-26-24; WL 121-55-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.06 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.14 MHz	FX	170KP0N	40 W (ERP)	0.001 %
12.2 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.46 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.63 MHz	FX	170KP0N	40 W (ERP)	0.001 %
13.7 MHz	FX	170KP0N	40 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.