

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WM2XCD

(Call Sign)

0702-EX-CN-2021

(File Number)

NAME TrellisWare Technologies

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(h) of the Commission's Rules

Station Locations

- (1) Rancho Palos Verdes (LOS ANGELES), CA - NL 33-44-31; WL 118-24-39
- (2) San Diego (SAN DIEGO), CA - NL 32-43-31; WL 117-15-28

Frequency Information

Rancho Palos Verdes (LOS ANGELES), CA - NL 33-44-31; WL 118-24-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.197-6.257 GHz	FX		543.25 kW (ERP)	
		30M0G1D		
		20M0G1D		
		10M0G1D		
		5M00G1D		
		2M50G1D		
		1M25G1D		
		625KG1D		
		313KG1D		

This authorization effective September 14, 2021 and
will expire 3:00 A.M. EST September 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-43-31; WL 117-15-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.945-6.005 GHz	FX	30M0G1D	543.25 kW (ERP)	
		20M0G1D		
		10M0G1D		
		5M00G1D		
		2M50G1D		
		1M25G1D		
		625KG1D		
		313KG1D		

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.

Special Conditions:

- (3) Prior to commencing any operations in the 5.945-6.005 GHz and 6.197-6.257 GHz frequency bands, experimental licensee must notify licensees of earth stations. 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. Please notify the following licensees:

ESVs Call Sign: E070278
Frequency bands: 5.925-6.425 GHz
Licensee: Intelsat LLC Phone Number: 202-944-7848
Fax Number: 202-944-7870
E-Mail: susan.crandall@intelsat.com
Attention: Susan H Crandall

ESVs Call Sign: E130079
Frequency bands: 5.925-6.425 GHz
Licensee: Ocean Exploration Trust Inc. Phone Number: 860-572-5955
E-Mail: laurie@oceanexplorationtrust.org
Attention: Laurie Bradt

ESVs Call Sign: E160157
Frequency bands: 5.925-6.425 GHz
Licensee: Telenor Maritime, Inc. Phone Number: 954-652-1085
E-Mail: Steinar.Stromsvag@telenor.com
Attention: Mr. Steinar Stromsvag

ESVs Call Sign: E170213
Frequency bands: 5.925-6.425 GHz
Licensee: Global Foundation for Ocean Exploration, Inc.
Phone Number: 860-572-7979
E-Mail: david.lovalvo@tgfoe.org
Attention: Mr. David Lovalvo

ESVs Call Sign: KA313
Frequency bands: 5.925-6.425 GHz
Licensee: Comsat, Inc.
Name: Airbus DS SatCom Government, Inc.
Phone Number: 703-466-5873
Fax Number: 703-466-5901
E-Mail: rob.swanson@airbus.com
Attention: Mr. Robert W Swanson

ESVs Call Sign: E070239
Frequency bands: 5.925-6.425 GHz
Licensee: ITC Global Phone Number: 281-501-4733
E-Mail: ellenann.sands@itcglobal.com
Attention: Ms. EllenAnn Sands

ESVs Call Sign: WB36
Frequency bands: 5.925-6.425 GHz
Licensee: Marlink, Inc. Phone Number: 713-910-3352

Special Agent
E-Mail: Tom.Collins@marlink.com
Attention: Mr. Tom Collins

ESVs Call Sign: E050281
Frequency bands: 5.925-6.425 GHz
Licensee: Global Eagle Telecom Licensing Subsidiary LLC, Debtor-in- Possession
Phone Number: 310-740-8600
E-Mail: julia.waldron@globaleagle.com
Attention: Ms Julia Waldron

ESVs Call Sign: E060157
Frequency bands: 5.925-6.425 GHz
Licensee: SpeedCast Communications Inc Phone Number: 346-274-0629
Attention: Ms. Leanne Young

ESVs Call Sign: E070234
Frequency bands: 5.925-6.425 GHz
Licensee: Intelsat License LLC Phone Number: 703-559-7848
Fax Number: 703-559-8539
E-Mail: susan.crandall@intelsat.com
Attention: Susan H Crandall

ESVs Call Sign: E090177
Frequency bands: 5.925-6.425 GHz
Licensee: Petrobras America, Inc Phone Number: 713-808-2248
Fax Number: 713-808-2007
E-Mail: sdenman@petrobras-usa.com
Attention: Mr. Samuel Denman

ESVs Call Sign: E090176
Frequency bands: 5.925-6.425 GHz
Licensee: SpeedCast Communications Inc Phone Number: 832-544-2328
E-Mail: ryan.king@speedcast.com
Attention: Ryan King

ESVs Call Sign: E980235
Frequency bands: 5.925-6.425 GHz
Licensee: RigNet SatCom, Inc. Phone Number: 281-674-0150
E-Mail: raul.magallanes@rig.net
Attention: Mr. Raul Magallanes

ESVs Call Sign: E120061
Frequency bands: 5.925-6.425 GHz
Licensee: KVH Industries, Inc.
Name: Mr. Carlos M. Nalda Company: LMI Advisors Phone Number: 571-332-5626
E-Mail: cnalda@lmiadvisors.com

Rancho Palos Verdes, LOS ANGELES, CA- NL 33-44-31; WL 118-24-39

Call Sign: E120189

Specific Frequency bands: 5925-6019 MHz and 6049.25-6425 MHz

Licensee: Univision Radio Stations Group, Inc.

ATTN: Christopher G. Wood Phone: 310-348-3600

Site Contact: Tom Koza 818-795-5862

Call Sign: E040430

Frequency bands: 5925-6425 MHz

Licensee: National Public Radio

ATTN: Mr Michael Kirk

Phone: 202-513-2653 Fax: 202-513-3329 E-Mail: mkirk@npr.org

Site Contact: Mark Murphy 202-513-2632

Call Sign: KA452

Frequency bands: 5925-6425 MHz

Licensee: GlobeCast America Incorporated

ATTN: Mr Michael Hockett

Phone: 212-332-2161 Fax: 212-373-5154 E-Mail: michael.hockett@globecast.com

Site Contact: ANDREW KIM 310-845-3712

Call Sign: E130026

Frequency bands: 6021-6077 MHz and 6140-6299 MHz

Licensee: FilmOn TV

ATTN: Mr Patrick H Bradley

Phone: 949-212-4011 Fax: 949-212-4011 E-Mail: patrick@filmon.com

Site Contact: Mike Galgano 509 979-6717

Call Sign: E020025

Frequency bands: 6021-6077 MHz and 6140-6299 MHz

Licensee: Premiere Networks, Inc.

Phone: 918-664-4581 Fax: 918-664-3066 E-Mail: fcccontact@iheartmedia.com

Site Contact: Lark L. Hadley 818-377-5300

San Diego,SAN DIEGO,CA- NL 32-43-31; WL 117-15-28

Call Sign: E140007

Frequency bands: 5925-6048 MHz, 6109- 6182 MHz, 6212.5-6330 MHz

Licensee: KVH Industries, Inc.

ATTN: Ms Felise Feingold

Phone: 401-845-8148 Fax: 401-845-8116 E-Mail: ffeingold@kvh.com

Site Contact: Marc Edwards 401835 8488

- (4) The maximum ERP must not exceed 543.25 kW.
- (5) Licensee must successfully coordinate with Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.

Special Conditions:

- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy, contract number N00014-20-C-1075. The use of this radio station in any other manner and for any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (7) The designated point of contact to terminate the system if interference occurs is Scott Enserink at 562-595-3570.