

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

EXPERIMENTAL

(Nature of Service)

WA2XQQ

(Call Sign)

XE FX

(Class of Station)

0067-EX-ML-2012

(File Number)

NAME Energia Logistics Ltd.

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(b) of the Commission's Rules

Station Locations

- (1) LONG BEACH, CA - NL 33-44-41; WL 118-13-28
- (2) LONG BEACH, CA - NL 33-44-44; WL 118-13-29
- (3) LONG BEACH, CA - NL 33-45-00; WL 118-13-12
- (4) LONG BEACH, CA - NL 33-44-41; WL 118-13-31
- (5) LONG BEACH, CA - NL 33-44-44; WL 118-13-10
- (6) LONG BEACH, CA - NL 33-44-42; WL 118-13-15

Frequency Information

LONG BEACH, CA - NL 33-44-41; WL 118-13-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166 MHz	FX	1M11F1D	0.05 W (ERP)	
211.3 MHz	FX	4M00F1D	0.05 W (ERP)	
219.3 MHz	FX	4M00F1D	0.05 W (ERP)	

This authorization effective May 24, 2012 and
will expire 3:00 A.M. EST July 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

LONG BEACH, CA - NL 33-44-41; WL 118-13-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
490 MHz	FX	1M60XXX	158 uW (ERP)	
502 MHz	FX	1M60XXX	158 uW (ERP)	
768.97 MHz	FX	10M2G2D	0.125 W (ERP)	
2211.5 MHz	FX	20M0G2B	40 W (ERP)	
2272.5 MHz	FX	20M0G2B	40 W (ERP)	

LONG BEACH, CA - NL 33-44-44; WL 118-13-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5620 MHz	FX	32M0P0N	7500 W (ERP)	

LONG BEACH, CA - NL 33-45-00; WL 118-13-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420.8 MHz	FX	46K0G7D	0.025 W (ERP)	

Frequency Information

LONG BEACH, CA - NL 33-45-00; WL 118-13-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
421 MHz	FX	46K0G7D	0.025 W (ERP)	
425.8 MHz	FX	46K0G7D	0.025 W (ERP)	
426 MHz	FX	46K0G7D	0.025 W (ERP)	
490 MHz	FX	1K60XXX	158 uW (ERP)	
502 MHz	FX	1K60XXX	158 uW (ERP)	

LONG BEACH, CA - NL 33-44-41; WL 118-13-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7194.5 MHz	FX	1M75G1E	6.1 W (ERP)	
7494.5 MHz	FX	1M75G1E	6.1 W (ERP)	

Frequency Information

LONG BEACH, CA - NL 33-44-44; WL 118-13-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6152.4-6157.95 MHz	FX	5M48G7D	6500 kW (ERP)	
6158.35-6159.75 MHz	FX	1M37G7D	6500 kW (ERP)	
6282.9-6298 MHz	FX	15M1G1F	6500 kW (ERP)	
7355.5 MHz	FX	1M75G1E	19000 W (ERP)	
7655.5 MHz	FX	1M75G1E	19000 W (ERP)	

LONG BEACH, CA - NL 33-44-42; WL 118-13-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922.76 MHz	FX	10M2G2D	0.125 W (ERP)	

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) No transmissions are permitted towards mainland on 5620 MHz.

Special Conditions:

- (5) Subject to coordination with the Western Area Frequency Coordinator located at the Navy Pacific Missile Test Center, Pt. Mugu, California prior to use within 322 km radius of Pt. Mugu or in California south of 37.5 degrees north latitude. (760) 939-6948.
- (6) This authorization is to be used for the exclusive purpose of developing radio equipment for export.
- (7) ESV operations shall comply with the technical parameters of Section 25.221 of the FCC rules.