

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

EXPERIMENTAL

(Nature of Service)

WA2XYM

(Call Sign)

XE FX MO

(Class of Station)

0086-EX-ML-2010

(File Number)

NAME SpaceQuest, 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(h) of the Commission's Rules

Station Locations

- (1) FAIRFAX (FAIRFAX), VA - NL 38-51-36; WL 77-18-30; MOBILE: CONUS
- (2) Morgan Hill (SANTA CLARA), CA - NL 37-09-21; WL 121-36-49; MOBILE: CONUS
- (3) Orlando (ORANGE), FL - NL 28-31-54; WL 81-15-28; MOBILE: CONUS

Frequency Information

FAIRFAX (FAIRFAX), VA - NL 38-51-36; WL 77-18-30; MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.84 MHz	FX	20K0F1D	100 W (ERP)	
145.86 MHz	FX	20K0F1D	100 W (ERP)	
145.92 MHz	FX	20K0F1D	100 W (ERP)	
145.96 MHz	FX	20K0F1D	100 W (ERP)	

This authorization effective March 15, 2011 and
will expire 3:00 A.M. EST May 04, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

FAIRFAX (FAIRFAX), VA - NL 38-51-36; WL 77-18-30; MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
399.92 MHz	MO	10K0F1D	25 W (ERP)	
399.955 MHz	MO	10K0F1D	25 W (ERP)	
399.99 MHz	MO	10K0F1D	25 W (ERP)	
400.025 MHz	MO	10K0F1D	25 W (ERP)	

Morgan Hill (SANTA CLARA), CA - NL 37-09-21; WL 121-36-49; MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.84 MHz	FX	20K0F1D	100 W (ERP)	
145.86 MHz	FX	20K0F1D	100 W (ERP)	
145.92 MHz	FX	20K0F1D	100 W (ERP)	
145.96 MHz	FX	20K0F1D	100 W (ERP)	
399.92 MHz	MO	10K0F1D	25 W (ERP)	

Frequency Information

Morgan Hill (SANTA CLARA), CA - NL 37-09-21; WL 121-36-49; MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
399.955 MHz	MO	10K0F1D	25 W (ERP)	
399.99 MHz	MO	10K0F1D	25 W (ERP)	
400.025 MHz	MO	10K0F1D	25 W (ERP)	

Orlando (ORANGE), FL - NL 28-31-54; WL 81-15-28; MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.84 MHz	FX	20K0D1D	100 W (ERP)	
145.86 MHz	FX	20K0F1D	100 W (ERP)	
145.92 MHz	FX	20K0F1D	100 W (ERP)	
145.96 MHz	FX	20K0F1D	100 W (ERP)	
399.92 MHz	MO	10K0F1D	25 W (ERP)	
399.955 MHz	MO	10K0F1D	25 W (ERP)	

Frequency Information

Orlando (ORANGE), FL - NL 28-31-54; WL 81-15-28; MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
399.99 MHz	MO	10K0F1D	25 W (ERP)	
400.025 MHz	MO	10K0F1D	25 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (3) Operation is limited to 100 units per system.
- (4) Subject to prior coordination with AMSAT to avoid interference.
- (5) This license SUPERSEDES the previously issued license with the same call sign and file number: missing additional point of communication.
- (6) Points of Communications: Saudi Sat1-A & B; Latin Sat-A & B; AprizeSat-1-6; Genesis-1 & 2: SaudiComSats 3-7; the Italian EduSat satellite including the Aprize payload.