

**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)

0062-EX-CR-2018

(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) North Pole (Fairbanks North Star), AK - NL 64-46-09; WL 147-26-20; MOBILE: USA, centered around NL 64-46-09; WL 147-26-20
- (2) Fairfax (FAIRFAX), VA - NL 38-51-36; WL 77-18-30; MOBILE: USA, centered around NL 38-51-36; WL 77-18-30
- (3) Naalehu (HAWAII), HI - NL 19-03-26; WL 155-34-59; MOBILE: USA, centered around NL 19-03-26; WL 155-34-59
- (4) Limestone (AROOSTOOK), ME - NL 46-57-19; WL 67-54-19; MOBILE: USA, centered around NL 46-57-19; WL 67-54-19

Frequency Information

North Pole (Fairbanks North Star), AK - NL 64-46-09; WL 147-26-20; MOBILE: USA, centered around NL 64-46-09; WL 147-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.8-145.92 MHz	FX	20K0F0D	500 W (ERP)	
399.99-400.05 MHz	MO	25K0F1D	10 W (ERP)	

This authorization effective May 01, 2018 and
will expire 3:00 A.M. EST May 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

North Pole (Fairbanks North Star), AK - NL 64-46-09; WL 147-26-20; MOBILE: USA, centered around NL 64-46-09; WL 147-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
399.99-400.05 MHz	MO	25K0F1D	10 W (ERP)	

Fairfax (FAIRFAX), VA - NL 38-51-36; WL 77-18-30; MOBILE: USA, centered around NL 38-51-36; WL 77-18-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.8-145.92 MHz	FX	20K0F1D	500 W (ERP)	
399.99-400.05 MHz	MO	25K0F0D	10 W (ERP)	

Naalehu (HAWAII), HI - NL 19-03-26; WL 155-34-59; MOBILE: USA, centered around NL 19-03-26; WL 155-34-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.8-145.92 MHz	FX	20K0F1D	500 W (ERP)	
399.99-400.05 MHz	MO	25K0F1D	10 W (ERP)	

Limestone (AROOSTOOK), ME - NL 46-57-19; WL 67-54-19; MOBILE: USA, centered around NL 46-57-19; WL 67-54-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.8-145.92 MHz	FX	20K0F1D	500 W (ERP)	

Frequency Information

Limestone (AROOSTOOK), ME - NL 46-57-19; WL 67-54-19; MOBILE: USA, centered around NL 46-57-19; WL 67-54-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
399.99-400.05 MHz	MO	25K0F1D	10 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation is limited to 100 units per system.
- (4) Subject to prior coordination with AMSAT to avoid interference.
- (5) Points of Communications: Latin Sat-A & B; AprizeSat-2, 5, 6, 8, 9, 10; and SaudiComSats 3-7.