

**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)

0135-EX-CM-2017

(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 February 05, 2018 and  
will expire 3:00 A.M. EST May 01, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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)      |                           |
| 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.

**Special Conditions:**

- (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.