

From: Mckenna Cisler

To: Leann Nguyen

Date: February 28, 2019

Subject: Request for Info - File # 0215-EX-ST-2019

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Message:

To Whom It May Concern,

The following information is provided in response to NASA's request. Please let us know if a different format or additional information is required.

EQUISat Orbital Information

Summary: 51.6-degree inclination, 400km circular, 93-minute period

Latest two-line elements provided by the 18th Space Control Squadron (18 SPCS):

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1 43552U 98067PA 19058.54962169 .00010060 00000-0 13317-3 0 9999
2 43552 51.6386 181.2988 0006387 86.4619 273.7104 15.58964779 35660
```

List of EQUISat Ground Stations (1 station)

Name: Brown Amateur Radio Club K1AD

Latitude: 71°W 23'; 56"

Longitude: 41°N 50'; 20"

Country: USA

Antenna: Eggbeater-style, M2 EB432/RK70CM

Maximum Isotropic Gain: 2.1 dBi

Beam width: 120 degrees

Sincerely,

Mckenna Cisler

Brown Space Engineering

2/28/2019