

From: Jeff Dailey

To: Anthony Serafini
Date: March 10, 2015

Subject:

Message:

The launch date is set for: 04-16-2015 as of today.

The launch provider is AFSC5 on a Atlas 5 rocket.

- Is the satellite geostationary or non-geostationary?

1) NON-Geostationary

. If satellite is geostationary, please submit its latitude and longitude.

- If satellite is nongeostationary, please submit inclination angle, apogee (km)/perigee (km), orbit period(hours), fractions of hours in decimal and number of satellites in the system.

2) Inclination angle: 60.0 Degree

3) Apogee: 700km

4) Perigee: 300km

5) Orbital Period: 90.45 Min.

- Description of the satellite and how it will operate.

6) The primary mission of GERRSII is to demonstrate global cubesat link.

The primary function of the GlobalStar STX2 Transmitter is to transmit data at rate of once per minute allowing us to have global coverage.

- An analysis transmitting between satellites to satellite.

7) We are working with GlobalStar on the modeling of the signal levels and number of satellites in view per orbit, as of today it looks like a minimum of two in view per orbit.

- An analysis transmitting between satellites to ground stations

8) We are not transmitting from satellite to ground.

- The orbital debris mitigation plan or replan, uplink/downlink and beacon frequencies.

9) ODR for our Satellite is filed.

- Information of satellite transmitter antenna including gain, beamwidth, azimuthal range.

10) The antenna information was submitted with the applicant if more is needed let us know.

- Information of earth station receiver antenna including gain, beamwidth, azimuthal range, elevation above mean sea level (m), minimum angle of elevation and antenna height above terrain (m).

11) There are no earth stations used as we are transmitting to the GlobalStar satellite network.

- Stop Buzzer information including name and telephone number of person who will terminate the system if having interference occurs.

12) Jeff Dailey Near Space Launch Inc. 8702 E. 825 S. (260) 241-0409

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If you need more info let me know.

Thank you

Jeff Dailey

Near Space Launch Inc.