

Anthony Serafini

From: Andrew Santangelo <andrew_santangelo@sci-zone.com>
Sent: Saturday, December 17, 2016 4:50 AM
To: Anthony Serafini
Cc: jeremy.straub@ndsu.edu
Subject: Re: Additional information for application 1606-EX-ST-2016
Attachments: ELaNa-17 ODAR FCC.PDF; ITU.API.Cover.Letter.NDSU.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Tony,

Enclosed you will find the Orbital Debris and Analysis Report (ODAR) and the ITU API Cover letter. The ITU cost recovery letter will be provided separately

Question: when will receive a copy of the ITU spacecap filing?

Note, though discussed in the ITU paper work you provided us our mission is NOT using any amateur bands nor is the satellite an “amateur satellite” nor is the satellite using any amateur radios. Communications is via packets being sent from a Globalstar STX3 based radio transmitter to a Globalstar satellite in the Globalstar network, the same as past missions. Globalstar is submitting STA application for their part of the communication link.

Mission Name: OpenOrbiter1

Mission Description: Engineering test mission for OPEN CubeSat design & 3D printing material science

Mission Purpose: To verify the OPEN CubeSat design and to verify 3D printing processing associated with mission.

Government Entity Affiliation: NASA Education Launch of Nanosatellites (ELaNa)

If you have any questions please feel free to contact me anytime.

Best Regards,
Andrew Santangelo
CTO
Chairman, AIAA Small Satellite Technical Committee

email: andrew_santangelo@sci-zone.com

phone: (505) 205-8315

sci_Zone, Inc
5108 Alberta Ave
Rio Rancho, New Mexico 87144

Astronomy web site: <http://lx850.tumblr.com>

On Dec 15, 2016, at 7:44 AM, Anthony Serafini <Anthony.Serafini@fcc.gov> wrote:

Mr. Santangelo

The FCC will need additional information for your satellite application request. Please submit copies of the following:

1. Exhibit with a description of the mission, purpose and any government entity affiliation
2. An orbital debris analysis report (ODAR) that is final and includes any sign off signatures
3. ITU spacecap analysis filing. This will generate a database file. The file will need to be sent to me directly as the ELS system only accepts pdf and jpeg files. You will need to change the extension from .mdb to .txt or it will get blocked by our email filter. Also, do not zip the file either or it will be blocked.
4. ITU spacecap API letter. A copy is attached.
5. An ITU cost recovery letter that the University will be responsible for any ITU cost. A copy is attached.

Regards

Tony Serafini

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2435A1.pdf><ITU.API.Cover.Letter.Format.doc><ITU.Cost.Recovery.Letter.Format.docx><IT
UguidelinesforAPI.docx>