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November 9, 2017

**VIA IBFS**

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

**Re: IBFS File Nos. SAT-LOA-20170508-00071**

Dear Ms. Dortch:

On November 7, 2017, Chris Biddy of Astro Digital US, Inc. ("Astro Digital") communicated via email with Stephen Duall, Policy Branch Chief, and Karl Kensinger, Deputy Division Chief, both of the Satellite Division of the International Bureau, regarding various Astro Digital filings, including the above-referenced satellite application, which is subject to permit-but-disclose *ex parte* rules.<sup>1</sup> Attached is a copy of that email.

On November 8, 2017, Mr. Biddy and Mr. Duall discussed the pending Astro Digital application, including the status of the company's coordination with Federal agencies and the potential grant of the satellite application by November 21, 2017. Additionally, Mr. Biddy provided the orbital parameters of its upcoming two launches, as follows:

- The Soyuz-Meteor launch is scheduled for November 28, 2017 and will have a 600 km circular SSO apogee, 97.6-97.9 degree inclination, and a 15:05 LTAN.
- The PSLV-Cartosat launch is scheduled for December 20, 2017 and will have a 505 km circular SSO apogee, 97.6-97.9 degree inclination, and a 9:30 LTDN.

Please direct any questions regarding this letter to the undersigned.

Respectfully submitted,

/s/ Tony Lin

Tony Lin  
Counsel  
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<sup>1</sup> See Public Notice, Report No. SAT-01276, DA 17-1007 (Oct. 13, 2017).

Attachment

cc: (via email)  
Stephen Duall  
Karl Kensinger

## ATTACHMENT

**From:** Chris Bidy [<mailto:chris@astrodigital.com>]  
**Sent:** Tuesday, November 7, 2017 12:51 PM  
**To:** Stephen Duall <[Stephen.Duall@fcc.gov](mailto:Stephen.Duall@fcc.gov)>; Karl Kensinger <[Karl.Kensinger@fcc.gov](mailto:Karl.Kensinger@fcc.gov)>  
**Cc:** Jan King <[jan@astrodigital.com](mailto:jan@astrodigital.com)>; Lin, Tony <[tony.lin@hoganlovells.com](mailto:tony.lin@hoganlovells.com)>  
**Subject:** Astro Digital Landmapper Space Station and Ground Station license follow up

Hi Steve,

Thanks again for the very positive meeting a couple weeks back. We are still progressing well towards our launches. We have delivered one satellite to the launch site and are shipping another in a week and a half.

To recap, our next two launches are:

November 28th, 2017 - Soyuz rocket - 1 Landmapper-BC satellite  
December 20th, 2017 - PSLV - 1 Landmapper-BC satellite

Looks like our drop dead date on receiving the Part 25 Space station license is November 21st. We asked for and received a lot of flexibility from the Russian launch side in terms of providing evidence of license. For the PSLV launch they need to see the license a little more in advance (closer to delivery of the satellite) so this is the reason for the November 21st date.

Regarding our TT&C ground station, we will begin setting up our new UHF ground station at our new facility next week while we prepare to transition away from our current location at NASA Ames Research Park. So we will need our Part 25 Ground Station STA by the first launch date of November 28th and our full Part 25 Ground Station license by December 28th, 2017 for operations at our new facility.

To summarize, our pending license applications associated with our near term launches are the following:

Space Station Part 25 application: SAT-LOA-20170508-00071  
Ground Station Part 25 application: SES-LIC-20171017-01179  
Ground Station Part 25 STA: SES-STA-20171017-01180

Please let us know if you need any additional information from us to process the licenses. Thanks!

Chris  
805-234-7300

## CERTIFICATE OF SERVICE

I, Sarah Leggin, hereby certify that on November 9, 2017, a true and correct copy of this letter was sent by United States mail, first class postage prepaid, to the following:

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/s/ Sarah Leggin

Sarah Leggin