

March 24, 2015

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Extension of Special Temporary Authority
Fillmore, California Earth Station E4132

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a thirty-day extension—through May 1, 2015—of the Special Temporary Authority (“STA”) ¹previously granted Intelsat to use its Fillmore, California C-band earth station—call sign E4132—to provide launch and early orbit phase (“LEOP”) services for the Indian Regional Navigational Satellite System (“IRNSS”) 1D satellite.² IRNSS-1D is expected to be launched no earlier than March 28, 2015.³ The LEOP period is expected to last approximately 10 days.⁴

The IRNSS-1D LEOP operations will be performed in the following frequency bands: 5850.982 MHz and 5853.028 MHz in the uplink (CP), and 4199.508 MHz and 4199.760 MHz in the downlink (CP). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁵ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the IRNSS-1D LEOP mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

¹ Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01718, File No. SES-STA-20141208-00888 (Jan. 21, 2015) (Public Notice). The original STA provided a launch date of December 31, 2014. Due to launch delays the launch is now planned for March 28, 2015, as reflected in this request.

³ The permanent orbital location for IRNSS-1D, which Intelsat understands is licensed by India, will be at 111.75° E.L. The in-orbit testing location will be 111.75° E.L.

⁴ Intelsat is seeking authority for 30 days to accommodate any further launch delays.

⁵ Indian Space Research Organization, the manager of the IRNSS-1D LEOP mission, will handle the coordination.

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Request to speak with Harry Burnham or Kevin Bell.

In further support of this extension request, Intelsat incorporates by reference Exhibit A of its initial STA request which contains a waiver request. Intelsat also notes that for purposes of the IRNSS-1D LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 30 dBW. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the IRNSS-1D launch, the Indian Space Research Organization ("ISRO") will control the spacecraft. ISRO will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to ISRO. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA extension request will allow Intelsat to help launch the IRNSS-1D satellite. This, in turn, will help provide navigation services to India and neighboring areas from the 111.75° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is fluid and cursive, with the first name being the most prominent.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais