

February 26, 2014

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



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

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing March 21, 2014, 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”) R1B satellite that is expected to be launched on March 21, 2014.² The LEOP period is expected to last approximately ten days.³

The IRNSS-R1B LEOP operations will be performed in the following frequency bands: 6415.00 and 6412.912 MHz in the uplink (CP), and 4191.840 and 4194.864 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. 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-R1B LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)
(310) 525-5900 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² The permanent orbital location for IRNSS-R1B, which Intelsat understands is licensed by India, will be 55.0° E.L. The in-orbit testing location will also be at 55.0° E.L.

³ Intelsat is seeking authority for 30 days to accommodate possible launch delays.

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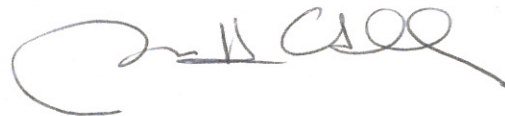
In further support of this request, Intelsat is attaching Exhibits A and B, which contain technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility, as well as a waiver request. Intelsat also notes that for purposes of the IRNSS-R1B LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 25.5 dBW. The technical information submitted with the STA request reflects a power level as high as 34.0 dBW because that is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Finally, Intelsat clarifies that during the IRNSS-R1B launch, the spacecraft will be controlled by the Indian Space Research Organisation ("ISRO"), which is the manager of the LEOP mission. 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 request will allow Intelsat to help launch the IRNSS-R1B satellite. This, in turn, will help ensure continuity of service at the 55.0° E.L orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Associate General Counsel
Intelsat Corporation

cc: Paul Blais