

August 29, 2013

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 an additional 30 days -- through September 30, 2013 -- of the Special Temporary Authority ("STA")¹ previously granted Intelsat to use its Fillmore, California C-band earth station E4132 to provide launch and early orbit phase ("LEOP") services for the GSAT-14 satellite that, due to an unexpected launch delay, is now scheduled to be launched in late September.² The LEOP period is expected to last approximately 10 days.³

The GSAT-14 LEOP operations will be performed in the following frequency bands:

Uplink: 6415.0 MHz and 6410.896 MHz (CP); and
Downlink: 4195.776 MHz and 4199.28 MHz (CP).

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency

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 See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01575, File No. SES-STA-20130626-00542 (Aug. 7, 2013) (Public Notice). The permanent orbital location for GSAT-14 will be 74.0° E.L. The in-orbit testing location has not yet been determined, but will be out of range of E4132.

³ Intelsat is seeking authority for 30 days to accommodate any further launch delay.

⁴ The Indian Space Research Organisation ("ISRO"), which is the manufacturer of, and LEOP mission manager for, GSAT-14, will handle the coordination.

Ms. Marlene H. Dortch
August 29, 2013
Page 2

phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the GSAT-14 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.

In further support of this extension request, Intelsat incorporates by reference Exhibits A and B of its initial STA request 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. 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.

Intelsat also notes that for purposes of the GSAT-14 LEOP mission, it is seeking to operate in the frequencies listed in the request at a maximum input power level not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher maximum input power level of 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 GSAT-14 launch, the spacecraft will be controlled by 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 extension request will enable Intelsat to help launch the GSAT-14 satellite. This, in turn, will serve the public interest by providing new capacity at the satellite's permanent location of 74.0° E.L.

Ms. Marlene H. Dortch
August 29, 2013
Page 3

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

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. H. Crandall", written in a cursive style.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais