



September 2, 2020

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 to Operate a New 23 cm Ku-band Antenna

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession ("Intelsat"), herein requests an additional 30 days of Special Temporary Authority ("STA") previously granted to Intelsat¹ to temporarily operate a new 23 cm Ku-band antenna with Galaxy 11 (Call Sign S2253) and Intelsat 37e (Call Sign S2972) in order to test the antenna. The test will be conducted while the antenna is on a terrestrial vehicle in motion on private property in Melbourne, Florida. Due to unforeseen delays, Intelsat expects the testing to continue for an additional 60-90 days.

The test is being performed in the following frequency bands: 14000-14500 MHz in the uplink; and 10900-12180 MHz in the downlink. The 23 cm antenna has a transmit gain of 30.4 dB at 14125 MHz and a receive gain of 28.9 dB at 11850 MHz. The total EIRP for all carriers is 42 dBW.

The 24x7 contact information for the requested operations is as follows:

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

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat incorporates by reference Exhibit A of its original request,² which contains a Radiation Hazard Report. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its antenna, Intelsat will take all reasonable steps to eliminate the interference.

¹ See *Satellite Communications Services Information; Actions Taken*, Report No SES-02292, File No. SES-STA-20200724-00800 (Aug. 12, 2020) (Public Notice).

² *Id.*

The temporary operation of this new antenna will help provide new services to customers in the future. Accordingly, grant of this STA extension request is in the public interest.

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais