



April 27, 2022

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: Request for Extension of Special Temporary Authority
Napa, California Earth Station E220019 (NAP-C70)

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat² to use its Napa, California 9.0m C-band earth station, call sign E220019, to communicate with the Galaxy 19 (S2647) satellite for antenna verification testing prior to the antenna's use. Intelsat has filed for authority to operate this antenna on a permanent basis.³

The testing will continue to be performed at 5925-6425 MHz (uplink). The operations will continue to be consistent with Intelsat's relevant coordination agreements.

The 24x7 contact information for the testing is: Mark Ratcliff, +1 404-381-2839.

Intelsat incorporates by reference the technical specifications in the license application for this antenna.⁴ The technical specifications for the 9.0m antenna uplink operations are:

¹ Intelsat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02456, File No. SES-STA-20220203-00141 (Apr. 6, 2022) (Public Notice). This request included the 4000-4200 MHz (downlink) band, which was removed by supplement.

³ See Intelsat License LLC, as debtor in possession, Application for new C-band earth station in Napa, California, NAP-C70, File No. SES-LIC-20220128-00099 (filed Jan. 28, 2022) ("*License Application*"). All licenses held and applications filed by Intelsat License LLC, as debtor in possession, have since been assigned or transferred to Intelsat License LLC. See Intelsat S.A., as debtor-in-possession (Transferor) and New TopCo S.A. (Transferee), Order, IBFS File No. SAT-ASG-20210826-00117, IB Docket No. 21-375, DA 22-162 (rel. Feb. 16, 2022).

⁴ See *License Application*.

Frequencies:	5925-6425 MHz			
Polarization:	linear and circular			
Emission Designators:	64K0G7W	72M0G7W	1M00F9D	1M50F9D
Gain:	53.6 dB @ 6.250 GHz			
EIRP Value:	62.9 dBW	93.5 dBW	85.0 dBW	86.7 dBW
Input Power:	2100 W			

In further support of this request, Intelsat incorporates by reference Exhibits A and B of its original request,⁵ which contain coordination and radiation hazard reports. Operation of the earth station will continue to be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. 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.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA extension request.

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

Respectfully submitted,

/s/ Cynthia J. Grady
Cynthia J. Grady
Assistant General Counsel
Intelsat US LLC

cc: Kerry Murray

⁵ See *supra*, n. 2.