



February 3, 2022

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

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

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession ("Intelsat"), herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, commencing March 1, 2022, 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.²

The proposed testing will be performed at 4000-4200 MHz (downlink) and 5925-6425 MHz (uplink). The proposed operations will be consistent with Intelsat's relevant coordination agreements. Intelsat incorporates by reference the technical specifications in the license application for this antenna.³

The technical specifications for the 9.0m antenna uplink operations are:

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			

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 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).

³ See *supra*, n. 2.

The 24x7 contact information for the proposed testing is:

Phone: +1 404-381-2839

Request to speak with Mark Ratcliff

In further support of this request, Intelsat herewith attaches Exhibits A and B, which contain coordination and radiation hazard reports. Operation of the earth station will 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 request.

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

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Assistant General Counsel, Intelsat US LLC
on behalf of Intelsat License, LLC

cc: Kerry Murray