



December 28, 2022

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

Re: Request for Extension of Special Temporary Authority
Ellenwood, Georgia Temporary Antenna ATL-K27T

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to use a 9.0m Ku-band temporary antenna to communicate with Galaxy 33 and permitted list satellites to provide customer service.² Intelsat is in the process of building a new antenna at its Ellenwood, Georgia teleport³ and due to unexpected delays, the antenna was not operational before Galaxy 33 commenced service. Intelsat is seeking continued authority to use the herein-requested temporary antenna until the permanent antenna is operational.⁴

The requested operations will continue to be performed in the 11450-12200 MHz (downlink) and 14000-14500 MHz (uplink) frequency bands and will be consistent with relevant coordination agreements. In support of this request, additional operational information is included in Exhibit A.

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.

Grant of this STA extension request will allow Intelsat to meet a customer's immediate service needs and thereby promotes the public interest.

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-02524, File No. SES-STA-20221109-01232 (Dec. 7, 2022) (Public Notice).

³ See Intelsat License LLC, Application for new 9m Ku-band antenna in Ellenwood, Georgia, File No. SES-LIC-20220907-00942 (filed Sept. 7, 2022).

⁴ Intelsat has filed a related STA for the same antenna in expanded frequency bands, see Intelsat License LLC, Request for Special Temporary Authority, File No. SES-STA-20221214-01342 (filed Dec. 14, 2022). Once the expanded frequency band request is granted, Intelsat will let the herein requested authority expire.

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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: Franco Hinojosa

EXHIBIT A

Intelsat License LLC
Request for Extension of Special Temporary Authority
Ellenwood, Georgia Temporary Antenna ATL-K27T

Antenna Description	CPI Satcom 9.0 KXK
Antenna Size (m)	9
Transmit Frequencies (MHz)	14000-14500
Receive Frequencies (MHz)	11450-12200
Emission Designator(s)	140MG7W and 1M00G7W
Polarization	Linear
Bandwidth	140 MHz (140MG7W) and 1 MHz (1M00G7W)
Transmit Gain	60.1 dB @ 14125 MHz
Maximum EIRP per Carrier (dBW)	90.04 (140MG7W) and 70.08 (1M00G7W)
Maximum EIRP Density per Carrier (dBW/4 kHz)	44.6 (140MG7W) and 46.1 (1M00G7W)
Site Location	Ellenwood, GA
Latitude/Longitude (NAD83)	33° 39' 52.88" N, 84° 16' 13.1" W
Satellite Point(s) of Communication	Galaxy 33
Satellite Call Sign	S3015
Satellite Type	Geostationary
Satellite Location	133° W.L.
Satellite Point(s) of Communication	Permitted List