



December 14, 2022

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

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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing January 9, 2023, to use a 9.0m Ku-band temporary antenna to communicate with Galaxy 33² and permitted list satellites to provide customer service. Intelsat is in the process of building a new antenna at its Ellenwood, Georgia teleport³ and due to unexpected delays, the antenna is not operational in time to provide service using Galaxy 33. Intelsat is seeking authority to use the herein-requested temporary antenna until the permanent antenna is operational.⁴

The proposed operations will be performed at 11450-12200 MHz (downlink) and 13775-14500 MHz (uplink) and will be consistent with Intelsat's relevant coordination agreements. In support of this request, additional operational information and a 13 GHz report are attached as Exhibits A and B, respectively.

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 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 Policy Branch Information; Actions Taken*, Report No. SAT-01326, File No. SAT-LOA-20170524-00078 (June 29, 2018) (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 STA in place for the requested antenna in the 11450-12200 MHz and 14000-14500 MHz frequency bands. See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02524, File No. SES-STA-20221109-01232 (Dec. 7, 2022) (Public Notice).

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Please direct any questions regarding this STA request to the undersigned at (703) 559-7799.

Respectfully submitted,

/s/ W. Ray Rutngamlug

W. Ray Rutngamlug
Associate General Counsel
Intelsat US LLC

cc: Franco Hinojosa

EXHIBIT A

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

Antenna Description	CPI Satcom 9.0 KXK
Antenna Size (m)	9
Transmit Frequencies (MHz)	13775-14500
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