



March 15, 2023

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

Re: Request for Special Temporary Authority
Ellenwood, Georgia Earth Station, Call Sign E220134

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing May 1, 2023, to operate its Ellenwood, Georgia Ku-band antenna, Call Sign E220134, to provide customer service. Intelsat incorporates by reference the technical information provided in its pending license application for this antenna²

The requested operations will be performed in the 13750-14500 MHz (uplink) and 11700-12200 MHz (downlink) frequency bands with the Galaxy 33 satellite. Operations will be consistent with Intelsat's relevant coordination agreements.

The 24x7 contact information for the proposed testing is: Casey Givens at (404) 381-2327.

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.

Grant of this STA request will allow Intelsat to provide customer services prior to receiving the license grant and thereby promotes the public interest. For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA request.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$220.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² See Intelsat License LLC, Application for new 9m Ku-band antenna in Ellenwood, Georgia, File No. SES-LIC-20220907-00942 (filed Sept. 7, 2022). In support of this request, additional operational information and a 13 GHz report are attached as Exhibits A and B, respectively.

Ms. Marlene H. Dortch
March 15, 2023
Page 2

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

Antenna Call Sign	E220134
Antenna Size (m)	9.0
Transmit Frequency (MHz)	13750-14500
Receive Frequency (MHz)	11700-12200
Polarization	Linear
Transmit Gain	60.1 dB at 14125 MHz
Emission Designator(s)	140MG7W
Bandwidth	140 MHz
Maximum EIRP per Carrier	84.4 dBW
Maximum EIRP Density per Carrier	39 dBW/4 kHz
	4M00G7W
	4 MHz
	69.0 dBW
	39.0 dBW/4 kHz
	140MG7W
	140 MHz
	90 dBW
	44.6 dBW/4 kHz
	1M00G7W
	1 MHz
	70 dBW
	46.0 dBW/4 kHz
Site Location	Ellenwood, GA
Latitude/Longitude (NAD83)	33° 39' 51.16" N, 84° 16' 20.14" W
Satellite Point(s) of Communication, Call Sign, and Location	Galaxy 33 (S3015) at 133.0° W.L.