



November 4, 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 21 days of Special Temporary Authority ("STA"),¹ commencing November 14, 2022, to use a 9.0m Ku-band temporary antenna to communicate with the Galaxy 18 satellite in order to test the command carrier. Intelsat is in the process of building a new antenna at its Ellenwood, Georgia teleport² and due to unexpected delays, the antenna will not be operational in time for use with the recently launched Galaxy 33 satellite. The authority requested herein is for use of a temporary antenna until the permanent antenna is operational. Intelsat is seeking authority for its temporary antenna to perform three weeks of testing with the Galaxy 18 satellite prior to its operations to communicate with Galaxy 33 to provide customer services.

The proposed testing will be performed in the 14380.4 MHz (uplink) and 12080.0 MHz (downlink) frequencies and 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 ensure the antenna's performance prior to providing customer services 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 \$210.00 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).

Ms. Marlene H. Dortch
November 4, 2022
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
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Antenna Description	CPI Satcom 9.0 KXK
Antenna Size (m)	9
Transmit Frequency (MHz)	14380.4
Receive Frequency (MHz)	12080.4
Emission Designator(s)	167KN0N
Polarization	Linear/circular
Bandwidth	0.167 MHz
Transmit Gain	60.1 dB at 14380.4 MHz
Maximum EIRP per Carrier (dBW)	35.5
Maximum EIRP Density per Carrier (dBW/4 kHz)	19.3
Site Location	Ellenwood, GA
Latitude/Longitude (NAD83)	33° 39' 52.88" N, 84° 16' 13.1" W
Satellite Point(s) of Communication	Galaxy 18
Satellite Call Sign	S2733
Satellite Type	Geostationary
Satellite Location	123° W.L.