



January 6, 2023

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

Re: Request for Special Temporary Authority
Riverside, California Earth Station, Call Sign E210042

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing January 17, 2022, to operate its Riverside, California Ka-band earth station, Call Sign E210042, to communicate with the Galaxy 30 (S3016) 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 20060 MHz (downlink) and 28460 MHz (uplink). The proposed operations will be consistent with Intelsat's relevant coordination agreements.

The 24x7 contact information for the proposed testing is:

951-928-3446 (Riverside Operations Center).

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 \$195.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² See Intelsat License LLC, as debtor-in-possession, Request for new Ka-band gateway earth station in Riverside, California teleport, IBFS File No. SES-LIC-20210219-00370 (filed Feb. 18, 2021); see also Intelsat License LLC, as debtor-in-possession, Amendment to request for new Ka-band gateway earth station in Riverside, California teleport, Call Sign E210042, File No. SES-AMD-20220208-00166 (filed Feb. 8, 2022).

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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

Antenna Description	ASC 9.4m
Antenna Size (m)	9.4
Transmit Frequencies (MHz)	28460
Receive Frequencies (MHz)	20060
Emission Designator(s)	NON (CW)
Polarization	Linear
Bandwidth	1 Hz
Transmit Gain	65.8 dB @ 28 GHz
Maximum EIRP per Carrier (dBW)	40.2
Site Location	Riverside, CA
Latitude/Longitude (NAD83)	33° 47' 43.9" N, 117° 5' 20.6" W
Satellite Point(s) of Communication	Galaxy 30
Satellite Call Sign	S3016
Satellite Type	Geostationary
Satellite Location	125° W.L.