

Intelsat License LLC
Request for Special Temporary Authority

Intelsat License LLC (“Intelsat”) herein requests 30 days of Special Temporary Authority (“STA”), commencing upon grant but no later than Wednesday, April 29, 2026, to operate up to 75 0.4m Paradigm Ragno Ku-band antennas in the United States and U.S. territories for testing, demonstrations, and customer service with the SES-1 (S2807) and the Horizons-4 (S3180)¹ satellites.² Intelsat intends to apply for authority to operate these antennas on a permanent basis.

Intelsat currently operates the Paradigm Ragno antennas in these frequencies to communicate with the Galaxy 3C (S2381), Galaxy 16 (S2687), Galaxy 18 (S2733), Horizons 3e (S2947), Intelsat 40e (S3066), SKY-B1 (S2922), and Amazonas Nexus 6 (S3086) satellites under an existing grant of STA.³ The technical parameters and scope of operations requested herein are identical to those authorized in prior STAs to operate the Paradigm Ragno antennas,⁴ with the exception of the addition of the SES-1 and Horizons-4 satellites as points of communication. Operations will be consistent with each satellite’s respective authorizations.

In the extremely unlikely event that harmful interference should occur due to transmission to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference. The stop buzzer contact for the requested operations is as follows:

24x7 Intelsat Network Operations Center (NOC)
404-381-2900
NOC Director: Angela Wheeler
Address: 2875 Fork Creek Church Road
Ellenwood, GA 30294-1224 USA
Email: angela.wheeler@ses.com
Office: 404-381-2820
Mobile: 202-437-1619

¹ Horizons 4 is the Ku-band payload aboard the Galaxy 37/Horizons-4 satellite (S3164/S3180).

² The operations requested herein are consistent with previous grants of authority for the Paradigm Ragno terminals to communicate with different satellites. *See Intelsat License LLC Request for 30-day STA*, Stamp Grant, ICFS File No. SES-STA-20250605-00878 (granted June 27, 2025); *Intelsat License LLC, Request for 30-day STA*, Stamp Grant, ICFS File No. SES-STA-20250722-00489 (granted Nov. 26, 2025); *Intelsat License LLC, Request for 30-day STA*, Stamp Grant, ICFS File No. SES-STA-20260320-00817 (granted Mar. 24, 2026).

³ Intelsat incorporates by reference Exhibit B of its original request, which provides a Radiation Hazard report for these terminals. *See Intelsat License LLC Request for 30-day STA*, Exhibit B, ICFS File No. SES-STA-20250605-00878 (filed June 5, 2025) (“Paradigm Ragno STA Request”). Technical parameters are provided in Exhibit A below.

⁴ *See supra* n.2.

To the extent necessary, Intelsat requests waivers of 47 C.F.R. § 2.106, and Footnote NG52, for the reasons articulated in previous STA requests for these terminals.⁵

Grant of the instant STA request will serve the public interest by allowing Intelsat to test, demonstrate, and provide customer service with new equipment.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Assistant General Counsel
SES Americom Inc.

on behalf of Intelsat License LLC

cc: Franco Hinojosa

⁵ Paradigm Ragno STA Request, Narrative at 1-2.

Exhibit A

Intelsat License LLC Request for Special Temporary Authority

Earth Station	Paradigm Ragno
Antenna Size (m)	.51 x .40 (0.4 equivalent)
Transmit Frequencies	14.2-14.5 GHz
Receive Frequencies	10.7-12.7 GHz
Polarization	Linear
Bandwidth	0.84-4.68 MHz
Transmit Gain	33.5 dBi @ 14.0 GHz 33.81 dBi @ 14.5 GHz
Maximum EIRP per Carrier (dBW)	34.9-42.6
Maximum EIRP Density per Carrier (dBW/4 kHz)	11.87-11.90
Site Location	United States and US territories
Satellite Point(s) of Communication	Horizons-4 (S3180) at 127.0° W.L. 11.45-11.7 GHz and 14.2-14.5 GHz SES-1 (S2807) at 101.0° W.L. 11.7-12.2 GHz and 14.2-14.5 GHz