

June 22, 2026

TO: Ms. Marlene H. Dortch
Secretary, Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority

Dear Ms. Dortch,

Pursuant to Section 25.120 of the Commission's Rules, Kongsberg Satellite Services AS (KSAT) requests Special Temporary Authority (STA) for a period of sixty (60) days, or until a permanent license is granted, to operate its satellite earth station located in Fairbanks, Alaska (Call Sign E240138). This STA would permit communication with the non-geostationary satellite orbit (NGSO) satellite operated by K2 Space (K2), under Call Sign WP2XOS¹. The satellite includes Gravitas and operates within the Earth Exploration-Satellite Service (EESS) and Space Research, as licensed by the Commission.

This STA request is intended to provide interim authority during the period between grant of this request, and the eventual submission and grant of a modification to KSAT's earth station license to include this additional point of communication. KSAT respectfully requests that the STA to begin on June 26, 2026.

This 60-day STA application is being filed at this time due to the ongoing review of pending FCC license, SES-LIC-20240717-01578.

Frequency coordination analysis and Society of Broadcast Engineers (SBE) coordination have been initiated, and no objections have been raised at this time. The analysis report will be attached once completed.

The Alaska Earth Station will operate in the following frequency bands:

- **Transmit:** 2025–2110 MHz (S-band)
- **Receive:** 8400–8500 MHz (X-band)

All frequencies requested under this STA, as well as the operation of the Alaska Earth Station, have been coordinated with the appropriate federal agencies, in accordance with the Commission's grant issued to K2.

The following tables provide a list of the frequencies requested in this STA as well as the antenna specifications in support of this application.

¹ OET Filing Number, 0108-EX-CN-2025; Approved on September 29, 2025

Transmission Direction	Satellite	Center Frequency (MHz)	Emission	Polarity	Max EIRP per Carrier	Max EIRP density per Carrier
Earth-to-Space	Gravitas	2040.0	2M00G1D	RHCP	45 dBW	18.01
			920KG1D		45 dBW	21.38
			100KG1D		45 dBW	31.02
Space-to-Earth		8480.0	10M0G1D	RHCP	0.0 dBW	0.0
			9M30G1D			
			4M40G1D			
			4M00G1D			
		2M50G1D				

Antenna Specifications and Location	
Make and Model	CPI Satcom Orbital Systems; 5.0TSXS11-5.0m
Antenna Gain	37.6 dBi @ 2.0 GHz 50.5 dBi @ 8.2 GHz
Latitude	64 ° 49 ' 3.7 " N
Longitude	147 ° 43 ' 9.0 " W

Grant of this application will serve the public interest in accordance with Section 307(a) of the Commissions Act. The operation of the Alaska earth station will enable frequent, predictable contact with the spacecraft to support potential collision avoidance, perform orbit maintenance, and conduct payload operations for the Gravitas satellite.

The strategic location of the KSAT Earth Station in Fairbanks, Alaska, will provide K2 Space with essential ground segment support for current satellites.

If approved, communications will continue to be on a secondary non-interference basis, and we will discontinue operations in the event of any reported interference. Lastly, KSAT will also comply with applicable terms and conditions of the authorization for the Gravitas satellite.

24-hour contact information for the Fairbanks, Alaska earth station is as

follows: Local - Blain Bronson, +1 907 347 2353

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Respectfully Submitted,
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Spectrum Manager, KSAT