

July 20, 2022

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

Re: Request for 180-day Grant of Special Temporary Authority
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 180 days of Special Temporary Authority ("STA"),¹ commencing September 6, 2022, to use its Hagerstown, Maryland Ku-band earth station, Call Sign KA258, to provide launch and early orbit phase ("LEOP") services for the Konnect satellite.² Konnect is expected to launch on September 6, 2022.³ Intelsat expects the LEOP period to last approximately 180 days.

The Konnect operations will be performed at the following frequencies: 14000.00 MHz and 14499.80 MHz in the uplink; and 11701.60 MHz and 11704.00 MHz in the downlink.

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. 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.

The 24x7 contact information for the Konnect mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Kevin Bell or Glen Jones.

¹ Intelsat has filed its STA request, FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² In support of this request, additional antenna and satellite information is provided in Exhibit A, and a waiver request is attached as Exhibit B.

³ Intelsat understands that Konnect is licensed by France.

⁴ Thales Alenia Space ("Thales"), the manager of the Konnect mission, will handle the coordination.

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Finally, Intelsat clarifies that during the Konnect LEOP mission, Thales will serve as the mission manager. Thales will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to Thales. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA request will allow Intelsat to help launch the Konnect satellite. This will help provide services at the 2.7° E.L. location and thereby promotes the public interest.

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: Kerry Murray

EXHIBIT A

Antenna

Antenna size	14.2 m
Transmit Frequencies	14000.00 MHz and 14499.80 MHz
Receive Frequencies	11701.60 MHz and 11704.00 MHz
Emission Designator	200KG2D
Polarization	Circular
Bandwidth	200 kHz
Transmit Gain	64.5 dBi @ 13.750 GHz
Maximum EIRP per Carrier	80 dBW
Maximum EIRP Density per Carrier	63.0 dBW/4 kHz
Site Location	Hagerstown, MD
Latitude (NAD83)	39° 35' 54" N
Longitude (NAD83)	77° 45' 33 W

Point(s) of Communication

Satellite	Konnect
Call Sign	none
Satellite Type	Geostationary
Orbital Location	2.7° E.L.