May 15, 2023

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

Re: Request for 180 Days of Special Temporary Authority to Support SATRIA
Call Sign E4132; Fillmore, California

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 180 days of Special Temporary Authority ("STA"),[1] commencing July 3, 2023, to use its Fillmore, California C-band earth station, Call Sign E4132, to provide launch and early orbit phase ("LEOP") services for the SATRIA satellite.[2] SATRIA is expected to launch on June 14, 2023.[3] Intelsat expects the LEOP period to last approximately 180 days.[4]

The SATRIA operations will be in the 5850-6450 MHz (Earth-to-space) and 4000-4200 MHz (space-to-Earth) frequency bands.[5]

The 24x7 contact information for the SATRIA 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 Glen Jones or Mike Ryan.

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.[6] 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

[1] Intelsat has filed its STA request, FCC Form 159, a $220.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

[2] In support of this request, Intelsat provides additional operational information, a waiver request, and a coordination report in Exhibits A-C.

[3] Intelsat understands that SATRIA is licensed by Indonesia. The satellite's final location will be 146.0° E.L.

[4] Intelsat is simultaneously requesting 30 days of STA.

[5] Intelsat expects the initial operations to be at 6419 MHz and 6421 MHz (Earth-to-space); and 4192 MHz and 4194 MHz (space-to-Earth).

[6] Thales Alenia Space ("Thales"), the manager of the SATRIA mission, will handle the coordination.

transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the SATRIA 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 SATRIA satellite. This will allow SATRIA to provide services from the 146.0° E.L. location and thereby promotes the public interest.

Please direct any questions the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady
Cynthia J. Grady
Assistant General Counsel
Intelsat US LLC

cc: Franco Hinojosa

EXHIBIT A

Intelsat's Request for STA to provide LEOP for SATRIA

Earth Station	E4132
Antenna Size (m)	10
Transmit Frequencies (MHz)	5850-6450
Receive Frequencies (MHz)	4000-4200
Emission Designator(s)	200KG2D
Polarization	Circular
Bandwidth	200 KHz
Transmit Gain	53.8 dBi at 6.175 GHz
Maximum EIRP per Carrier (dBW)	80
Maximum EIRP Density per Carrier (dBW/4 kHz)	63.01
Site Location	Fillmore, CA
Latitude/Longitude (NAD83)	34° 24' 20.9" N, 118° 53' 38.7" W
Satellite Point(s) of Communication	SATRIA
Satellite Call Sign	n/a, see Exhibit B
Satellite Type	Geostationary
Satellite Location	transit orbit to 146.0° E.L.