November 3, 2022

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

Re: Request for Special Temporary Authority to Operate Two Cobham SAILOR Antennas

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),[1] commencing November 15, 2022, to temporarily operate a 1.03m, Cobham SAILOR 1000 XTR KU antenna and a 1.03m Cobham SAILOR 900 VSAT KU antenna in order to test new equipment and provide customer demonstrations in Fort Lauderdale, Florida and Middletown, Rhode Island. The proposed operations will occur intermittently over a five-month period beginning approximately November 15, 2022.

Specifically, Intelsat seeks STA to communicate with Horizons 2 and Intelsat 37e in the 14200-14500 MHz and 11700-12200 MHz bands using the Cobham antennas.[2] The proposed operations will occur intermittently over a five-month period.

The 24x7 contact information for the requested operations is Mohamed Bennis at 203-564-6580.

In the extremely unlikely event that harmful interference should occur due to transmissions to or from the antenna, Intelsat will take all reasonable steps to eliminate the interference.

The proposed operations will enable Intelsat to test and demonstrate new equipment. Accordingly, grant of this STA is in the public interest.

Sincerely,

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

cc: Franco Hinojosa

[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 Intelsat herein attaches Exhibit A-C, which provide operational information and a Radiation Hazard Report.

EXHIBIT A

Intelsat License LLC
Request for Special Temporary Authority to Operate Two Cobham SAILOR Antennas

Antenna	Cobham SAILOR 1000 XTR KU
Antenna Size (m)	1.03
Transmit Frequencies (MHz)	14200-14500
Receive Frequencies (MHz)	11700-12200
Emission Designator(s)	4M77G7W and 194KG7W
Polarization	Linear
Bandwidth	4.77 MHz and 194 kHz
Transmit Gain	41.6 dBi at 14.25 GHz
Maximum EIRP per Carrier (dBW)	50.1 and 36.2
Maximum EIRP Density per Carrier (dBW/4 kHz)	19.3 and 19.3
Site Location	Fort Lauderdale, FL
Latitude/Longitude (NAD83)	26° 05’ 21.55” N, 80° 13’ 57.55” W
Site Location	Middletown, RI
Latitude/Longitude (NAD83)	41° 31’ 18.94" N, 71° 17’ 28.58” W
Satellite Point of Communication	Horizons 2
Satellite Call Sign	S2423
Location	73.8° W.L.
Satellite Point of Communication	Intelsat 37e
Satellite Call Sign	S2972
Location	18.0° W.L.

EXHIBIT B

Intelsat License LLC
Request for Special Temporary Authority to Operate Two Cobham SAILOR Antennas

Antenna	Cobham SAILOR 900 VSAT KU
Antenna Size (m)	1.03
Transmit Frequencies (MHz)	14200-14500
Receive Frequencies (MHz)	11700-12200
Emission Designator(s)	4M77G7W and 194KG7W
Polarization	Linear
Bandwidth	4.77 MHz and 194 kHz
Transmit Gain	41.6 dBi at 14.25 GHz
Maximum EIRP per Carrier (dBW)	50.1 and 36.2
Maximum EIRP Density per Carrier (dBW/4 kHz)	19.3 and 19.3
Site Location	Fort Lauderdale, FL
Latitude/Longitude (NAD83)	26° 05’ 21.55” N, 80° 13’ 57.55” W
Site Location	Middletown, RI
Latitude/Longitude (NAD83)	41° 31’ 18.94" N, 71° 17’ 28.58” W
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Satellite Point of Communication	Intelsat 37e
Satellite Call Sign	S2972
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