



August 18, 2022

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

Re: Request for Extension of Special Temporary Authority to Operate 50 0.25m
Ku-band Antennas

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to temporarily operate 50 0.25m Ku-band Earth Station in Motion ("ESIM") antennas within the U.S. and its territories, U.S. territorial waters, and international waters to provide temporary customer service.² The ESIM antennas will operate while stationary and in motion while mounted on terrestrial and maritime vessels. The testing will occur intermittently as customer demands necessitate.

The testing will be performed in the following frequency bands: 14000-14500 MHz in the uplink; and 11700-12200 MHz in the downlink. During testing the antennas will communicate with Galaxy 17 (S2715) and Intelsat 37e (S2972).

The 24x7 contact information for the requested operations is Scott Congdon at (571) 286-1922 and Eric Li at (703) 663-0882.

Intelsat incorporates by reference Exhibits A and B of its original request, which contain additional antenna and satellite information and a Radiation Hazard Report, respectively.³ In the extremely unlikely event that harmful interference should occur due to transmissions to or from its antennas, Intelsat will take all reasonable steps to eliminate the interference.

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 See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02486, File No. SES-STA-20220614-00650 (July 27, 2022) (Public Notice).

³ *Id.*

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The proposed operations of these antennas will enable Intelsat to provide customer service. Accordingly, grant of this STA extension request is in the public interest.

Sincerely,

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

cc: Kerry Murray
Franco Hinojosa