



March 22, 2023

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 Ku-band Flat Panel Antenna

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to operate a Ball 6x6 0.46m flat-panel Ku-band antenna for drive tests in McLean, Virginia; Mt. Prospect, Illinois; and from McLean, Virginia to Florida.² Intelsat expects drive tests to continue occurring over the next two months.

Subject to grant, operations will continue in the following frequency bands: 11700-12200 MHz (downlink) and 14000-14500 MHz (uplink) with Galaxy 11, Galaxy 18, SKY-B1, Intelsat 37e, and WorldVu Satellites Limited's NGSO FSS System.³ In support of this request, Intelsat incorporates by reference additional operational information, a map of the Virginia-Florida route, and a Radiation Hazard Report included with its original request.⁴

The 24x7 contact information for the continued operations is: Tony Williams at (404) 381-2744.

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

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 See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02546, File No. SES-STA-20230203-00139 (Mar. 1, 2023) (Public Notice).

³ Intelsat will not operate in the 14000-14500 MHz band within 125km of the Federal TDRRS sites specified in 47 CFR 25.228(j)(1). Additionally, none of Intelsat's proposed operations will be within line-of-sight of active Federal sites as identified in footnote US113 of the U.S. Table of Frequency Allocations.

⁴ See *supra*, n. 2 at Exhibits A-C.

Ms. Marlene H. Dortch
March 22, 2023
Page 2

The requested operations will enable Intelsat to continue testing new equipment. Accordingly, grant of this STA extension is in the public interest.

Respectfully submitted,

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

cc: Franco Hinojosa