

October 23, 2012

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 200554



Re: Notice of Commencement of Inclined Orbit Operations for Intelsat 5  
Call Sign S2704

Dear Ms. Dortch:

Pursuant to Section 25.280(a) of the Commission's rules (47 C.F.R. § 25.280(a)), Intelsat License LLC hereby notifies the FCC of the commencement of inclined orbit operations for Intelsat 5. Intelsat intends shortly to begin drifting Intelsat 5 from 169.0° E.L. to 65.45° E.L. pursuant to Special Temporary Authority ("STA").<sup>1</sup> As noted in the STA requests, at 47.5° E.L., Intelsat 5 will operate in inclined orbit mode pursuant to the ITU filings of the German Administration. Set forth below is the information required by the Commission.

- (1) The operator's name is Intelsat License LLC.
- (2) The satellite left the 0.05° inclination control box on October 21, 2012. The last north/south station-keeping maneuver occurred on October 12, 2012.
- (3) The initial inclination (after the last north/south station-keeping maneuver) was 0.0319°.
- (4) The rate of change in inclination per year is as follows:

2012 – 0.812° per year  
2013 – 0.787° per year  
2014 – 0.771° per year  
2015 – 0.765° per year  
2016 – 0.769° per year  
2017 – 0.777° per year

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<sup>1</sup> See *Intelsat License LLC Request for Special Temporary Authority to Drift and Operate Intelsat 5, Call Sign S2704*, File No. SAT-STA-20121017-00182 (filed Oct. 17, 2012); *Intelsat License LLC Request for Special Temporary Authority to Drift Intelsat 5, Call Sign S2704*, File No. SAT-STA-20120911-00147 (filed Sept. 11, 2012).

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2018 – 0.796° per year  
2019 – 0.823° per year  
2020 – 0.857° per year

The expected end-of-life of the satellite accounting for inclined orbit operations is December 31, 2020.

Please do not hesitate to contact the undersigned should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Bob Nelson  
Kathryn Medley  
Stephen Duall  
Jay Whaley  
Cindy Spiers