



INTELSAT.

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January 2, 2019

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Re: Notice of Commencement of Inclined Orbit Operations for Intelsat 905
Call Sign S2409

Dear Ms. Dortch:

Pursuant to Section 25.280(a) of the Federal Communications Commission's ("FCC" or "Commission") rules (47 C.F.R. § 25.280(a)), Intelsat License LLC hereby notifies the FCC of the commencement of inclined orbit operations for Intelsat 905.¹ 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 January 1, 2019. The last north/south station-keeping maneuver occurred on December 15, 2018.
- (3) The initial inclination (after the last north/south station-keeping maneuver) was 0.0053°.
- (4) The rate of change in inclination per year is as follows:

¹ See *Policy Branch Information; Actions Taken*, Report No. SAT-01263, File No. SAT-MOD-20170502-00069 (Aug. 25, 2017) (Public Notice).

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YEAR	growth rate (deg/year)
2019	0.823
2020	0.857
2021	0.888
2022	0.919
2023	0.943
2024	0.960
2025	0.958
2026	0.946
2027	0.923
2028	0.904
2029	0.874
2030	0.842
2031	0.810
2032	0.783
2033	0.765
2034	0.760
2035	0.768

The current expected end-of-life of the satellite accounting for inclined orbit operations is January 2035.

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

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Jose Albuquerque
Stephen Dual
Kathryn Medley