

## Exhibit A

### **Answer to Question 43 of Form 312**

Intelsat License LLC<sup>1</sup> (“Intelsat”) herein requests authorization to modify its existing license, call sign E950307, to add new polarization, frequencies, points of communication and emission designators.

The earth station will continue to communicate, per its current license, with all U.S.-licensed and Permitted List satellites in the 5925-6425 MHz and 3700-4200 MHz frequency bands. In this application, Intelsat seeks authority for the earth station also to communicate in the 5850-5925 MHz and 3625-3700 MHz frequency bands with those Intelsat satellites that are licensed to operate in these bands. Intelsat understands that communication in these bands will be limited to international intercontinental systems per the requirements of footnote US245 of the FCC’s frequency allocation table. Intelsat also understands that operations in the 3650-3700 MHz frequency band will be on a secondary basis with respect to Fixed Service operations in the band, pursuant to NG169.

Intelsat is seeking authority to utilize this antenna to operate TT&C carriers within the full 5850-6425 MHz and 3625-4200 MHz (C-band) frequency ranges. This flexibility is requested because the earth station has been, and will continue to be, part of a large satellite network that includes many satellites with different TTC&M frequency ranges. The actual TT&C transmissions will occur only in frequencies approved in the related satellite authorizations, taking due account as appropriate, of Section 25.202(g) of the FCC’s rules. Moreover, the proposed carrier that would potentially operate in the full C-band frequency ranges (emission 950KF3D) complies with the FCC’s two-degree spacing requirements, specifically Section 25.211(d)(1) of the FCC’s rules.

The relevant technical information is provided in Schedule B of Form 312, as well as Exhibits B and C of this application. Schedule B reflects the changes being proposed as well as the information in the current license. Exhibit B contains a coordination report with Fixed Service operations. Exhibit C contains results of an electromagnetic compatibility analyses with respect to radiolocation operations in the bands below 3.7 GHz. The radiation hazard and FAA notification information is as originally submitted to the FCC, and is incorporated herein by reference.

All other parameters of the current license remain unchanged.

---

<sup>1</sup> The licenses previously held by PanAmSat Licensee Corp. recently have been assigned to Intelsat License LLC. See Letter from Jennifer Hindin to Marlene H. Dortch, Notification of Consummation of *Pro Forma* Assignment and Transfer of Control and Name Change, File Nos. SES-ASG-20101203-01501, SES-ASG-20101206-01502, SES-T/C-20101203-01503, SES-ASG-20101203-01504, SES-ASG-20101206-01512, SAT-ASG-20101203-00251, SAT-ASG-20101203-00252, SAT-T/C-20101203-00253, SAT-T/C-20101203-00254, and 0004520968 (filed Jan. 18, 2011).