

## **Exhibit A**

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

PanAmSat Licensee Corp. (“PanAmSat”) requests modification of its license, call sign E000048, to add new emissions and related services. It also seeks to add authority to communicate in new frequencies and related points of communications, emission designators and services.

This earth station license, call sign E000048, currently authorizes communication with all authorized U.S. Domestic (ALSAT) satellites in the 14000-14500 MHz and 11700-12200 MHz frequency bands.

The present modification seeks to add:

- 1) new emission designators 850 KF2D and 72M0G7W, as well as related services in the 14000-14500 MHz frequency band for communication with all authorized U.S. Domestic (ALSAT) satellites;
- 2) new emission designator 72M0G7W and related services in the 11700-12200 MHz frequency bands for communication with all authorized U.S. Domestic (ALSAT) satellites;
- 3) the frequencies 12750 MHz to 13250 MHz and corresponding emission designators 64K0G7W to 72M0G7W and 850 KF2D, for communication with the Intelsat 11 (IS-11 @ 43 W.L.) satellite;
- 4) the frequencies 13750 MHz to 14000 MHz and corresponding emission designators 265KG7W to 72M0G7W and 850 KF2D, for communication with the Intelsat 1R (IS-1R @ 50 W.L.) and Intelsat 11 (IS-11 @ 43 W.L.) satellites;
- 5) the frequencies 10950 MHz to 11200 MHz and corresponding emission designators 64K0G7W to 72M0G7W for communication with the Intelsat 1R (IS-1R @ 50 W.L.), Intelsat 11 (IS-11 @ 43 W.L.), and Intelsat 707 (IS-707 @ 53 W.L.) satellites;
- 6) the frequencies 11450 MHz to 11700 MHz and corresponding emission designators 64K0G7W to 72M0G7W, for communication with the Intelsat 1R (IS-1R @ 50 W.L.), Intelsat 9 (IS-9 @ 58 W.L.), Intelsat 707 (IS-707 @ 53 W.L.) and Intelsat 14 (IS-14 @ 45 W.L.) satellites; and
- 7) the frequencies 10700-10950 MHz and 11200-11450 MHz and corresponding emission designators 64K0G7W to 72M0G7W, for communication with the Intelsat 11 (IS-11 @ 43 W.L.) satellite.

The relevant modification sought is reflected in Schedule B of this application, as well as the information provided in Exhibit B.

Schedule B only includes information related to the new emissions being sought in the present application. It does not reflect the emissions already covered in the current license. To the extent necessary, the Schedule B information previously provided, which covers parameters already in the license, is incorporated by reference.

The coordination information relevant to the new frequencies, emission designators and related points of communications is provided as Exhibits C and D of this application.

The proposed operations in the bands 10.7-11.7 GHz and 12.75-13.25 GHz will be limited to international systems, in accordance with the requirements of footnote NG 109 to the U.S. frequency allocation table. The earth station will only communicate with satellites previously authorized to provide services to the United States in relevant portions of the 10.7-11.7 GHz and 12.75-13.25 GHz bands.

Although PanAmSat is seeking authority to use its earth station, call sign E000048, for TT&C services in extended frequency ranges in the Ku-bands, it is understood that the actual TT&C operations will be conducted only in those specific bands licensed on the relevant satellites for TT&C purposes, taking due consideration of the requirements of Section 25. 202(g) of the FCC's rules.