December 14, 2012

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

Re: Supplement to Application for Modification of Authority for Intelsat 8
Call Sign S2460; File No. SAT-AMD-20120815-00131; SAT-MOD-20120619-00100

Dear Ms. Dortch:

In response to a request from the FCC staff, Intelsat License LLC ("Intelsat") hereby clarifies Intelsat's waiver request in the above referenced application, as amended, to operate Intelsat 8 at 169.0° E.L. in the 12250-12750 MHz frequency band. Specifically, Intelsat's request to extend the waiver "to any earth station in International Telecommunication Union ("ITU) Region 2"[1] means that Intelsat seeks authority to operate in the 12250-12750 MHz frequency band in the entirety of the coverage area of the following Intelsat 8 downlink beams: Australia and Global Telemetry beams. The coverage of these beams -- each of which includes at least part of ITU Region 2 -- is set forth in Exhibit 2-7 and Exhibits 2-11 through 2-13 at page 21 and pages 25-27, respectively, of the Engineering Statement included in the amendment to the modification application SAT-AMD-20120815-00131 and attached hereto for the Commission's convenience.[2] These beam patterns show that Intelsat 8 will operate in a small portion of the United States in the 12250-12750 MHz frequency band -- specifically, only in Hawaii, Alaska, and the far western United States. Intelsat 8 will transmit to multiple earth stations within these beams, including to mobile antennas.

---

[1] *See Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00883, File No. SAST-MOD-20120619-00100 (July 20, 2012) at 4.

[2] *See Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00895, SAT-AMD-20120815-00131 (Sept. 7, 2012) (Public Notice).

Please direct any questions to the undersigned at (202) 944-7848.

Sincerely,

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Andrea Kelly
Stephen Duall
Jay Whaley
Cindy Spiers

Exhibit 2-7: Ku-Band Australia Downlink Beam

[Schedule S Beam Designation: AKHD]

Beam Peak Gain: 34.0 dBi
Beam Polarization: Horizontal
Beam Peak EIRP: 52.7 dBW

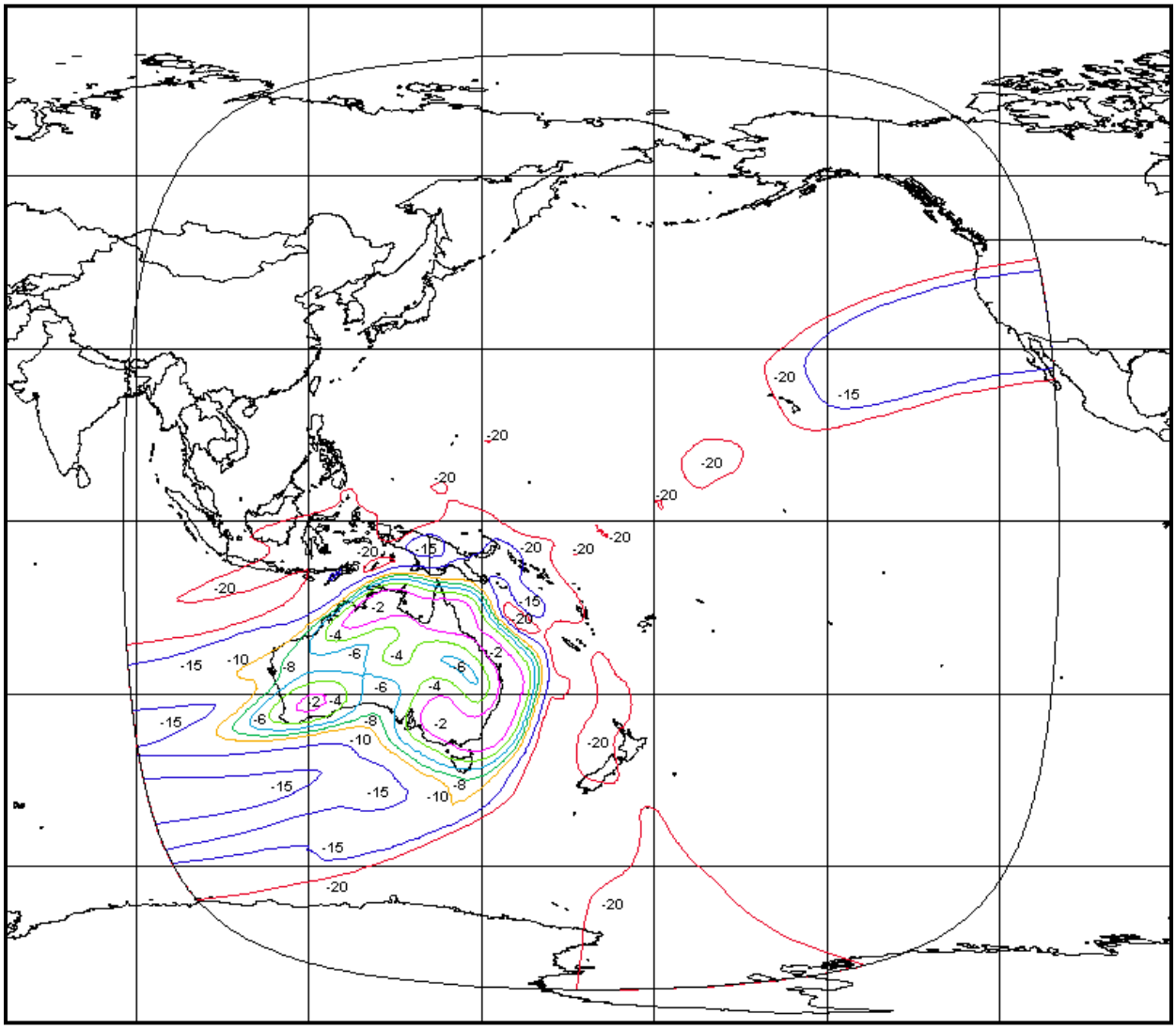

Exhibit 2-11: Telemetry Downlink Beam [Global Horn Antenna]

[Schedule S Beam Designation: TMGV]

Peak Beam Gain: 22.8 dBi

Polarization: Vertical

Peak EIRP: 17.1 dBW

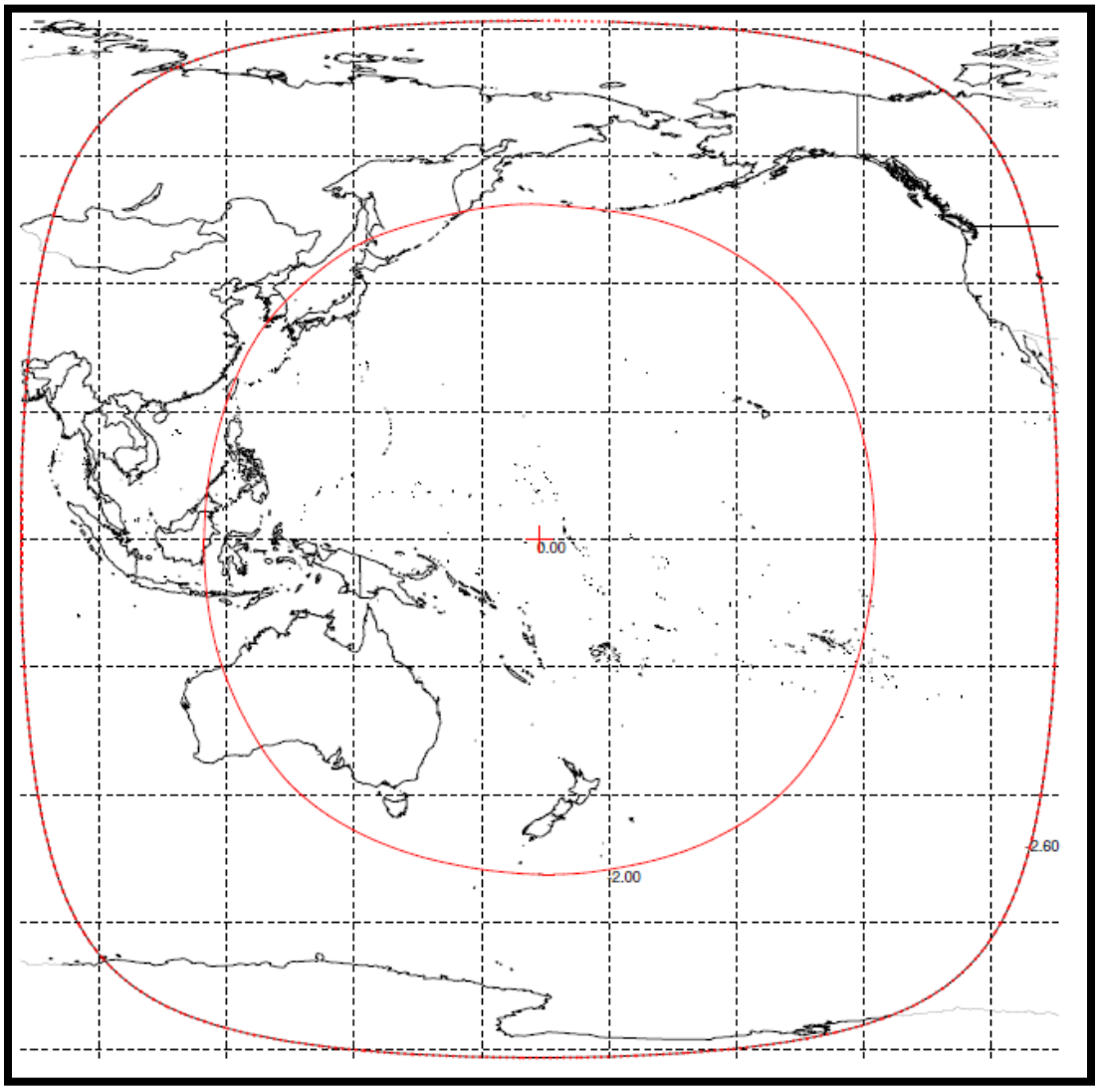

Exhibit 2-12: Telemetry Downlink Beam [Global Horn Antenna]

[Schedule S Beam Designation: TMGH]

Peak Beam Gain: 22.8 dBi

Polarization: Horizontal

Peak EIRP: 17.1 dBW

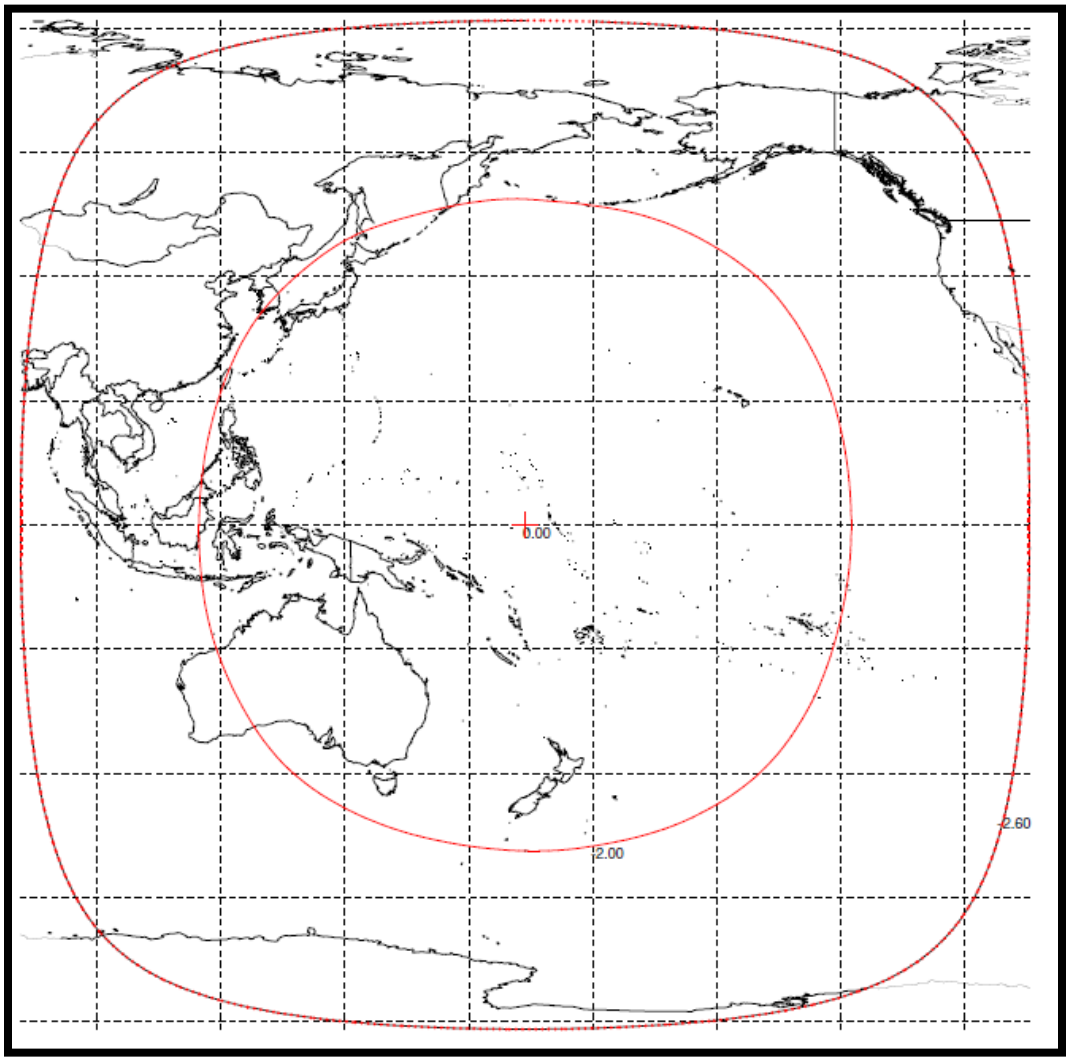

Exhibit 2-13: Telemetry Downlink Beam [+Z / -Z Antennas]

[Schedule S Beam Designation: TMP]

Peak Beam Gain: -2 dBi

Polarization: Left Hand Circular

Peak EIRP: 8.3 dBW