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August 26, 2003

Ms. Sylvia Lam  
Federal Communications Commission  
Satellite and Radiocommunication Division  
International Bureau  
The Portals, Room 7-A346  
445 12th Street, S.W.  
Washington, DC 20554

**Subject: Engineering Certification of Loral Skynet concerning authority requested by Amoco Production Company to operate a 2.4 meter C-band transmit earth station on the Telstar 6 Satellite located at 93° West Longitude.**

Dear Ms. Lam:

This letter certifies that Loral Skynet<sup>®1</sup> is fully aware that Amoco Production Company (“Amoco”), a customer of Loral Skynet’s customer Stratos, is seeking authorization to communicate with the Telstar 6 U.S. domestic satellite using a Channel Master offset C-band transmit-receive antenna that does not strictly conform to the FCC 2-degree spacing requirements for off-axis sidelobe gain<sup>2</sup>.

Loral Skynet is authorized to operate and currently operates Telstar 6 at 93° WL in the geostationary earth orbit.

Loral Skynet has reviewed the performance parameters of the Channel Master Type 243 2.4 meter diameter antenna, and the digital carrier parameters as they are to be used by Amoco. The antenna exhibits non-conformance in the region from 1.0 to 1.5 degrees off-axis from maximum transmit gain, due to the width of its main gain lobe. It is understood that this antenna will be professionally installed with a nominal pointing accuracy less than ±0.5 degrees and will operate at a maximum input power density at the antenna waveguide flange of -14 dBW/4 kHz, well below the -2.7 dBW/4 kHz FCC maximum for 2-degree compliant

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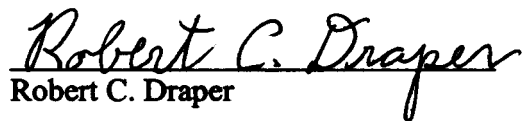
<sup>1</sup> Skynet is a registered trademark of Loral SpaceCom Corporation

<sup>2</sup> 47 CFR § 25.209

systems and routine licensing<sup>3</sup>. These maximum operating limits are also consistent with the SIA Part-25 C-band proposal of 0.5 degrees misalignment and -12 dBW/4 kHz power density into the antenna flange.

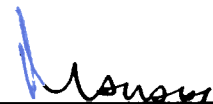
Loral Skynet acknowledges that the use of the Channel Master Type 243 2.4 meter non-conforming antenna with alignment tolerances and power density levels into the antenna flange as stated in this letter will not cause unacceptable interference into adjacent satellites in accordance with the FCC's 2-degree spacing policy and will accept interference from adjacent satellites to the degree to which harmful interference would not be expected to be caused to an earth station employing an antenna conforming to the reference patterns defined in § 25.209 of the FCC rules.

Respectfully,

  
Robert C. Draper

Acceptance by PanAmSat:

PanAmSat agrees to the use of the Channel Master Type 243 2.4 meter antenna and the antenna alignment tolerances toward Loral Skynet's Telstar 6 satellite at 93° W.L. and the power density levels into the antenna flange as stated in this letter, with respect to Galaxy satellite transponders that are within ± 6 degrees orbital spacing from Telstar 6.

  
~~Mohammad Marashi~~  
Vice President  
Customer Support Engineering  
PanAmSat Corporation

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<sup>3</sup> 47 CFR § 25.212(d)