Intelsat
inspiring connections

9 June 2005

Federal Communications Commission
International Bureau
445 12th Street, S.W.
Washington, D.C. 20554

To whom it may concern:

This letter certifies that Intelsat is aware that GENERAL DYNAMICS is seeking FCC authorization to access Intelsat Americas-7 at 129 W.L. as the point of communication, using Ku-band transmit/receive terminals that are not strictly compliant with the FCC 2-degree spacing requirements for off-axis sidelobe gain.

Intelsat understands that GENERAL DYNAMICS will be deploying 60 cm circular aperture transmit/receive antennas for a two-way digital service communicating with another properly FCC licensed terminal through the IA-7 satellite. This antenna generally exhibits non-compliance in the region from 1.25 to 2.8 degrees off axis from maximum gain in the transmit band, due to the width of the main lobe. This terminal is installed on a moving terrain-vehicle and the antenna is on a stabilized platform having a tracking accuracy of 0.2 degrees towards the intended satellites. The antenna will operate at a maximum input power density at the antenna waveguide flange of –29.0 dBW/4 kHz.

In order to prevent unacceptable interference into adjacent satellites, Intelsat has been informed and GENERAL DYNAMICS acknowledges that these antennas will be installed in compliance with the technical, operational and performance requirements of Part 25 of the FCC rules and any requirements set forth in the licenses granted by the FCC for the above sub-meter antennas.

Intelsat and GENERAL DYNAMICS acknowledge that the use of the 60-cm non-conforming antennas will not cause unacceptable interference into adjacent satellites in accordance with the FCC's 2-degree spacing policy and will not seek any additional protection compared to the

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case of an earth station employing an antenna conforming to the reference patterns defined in § 25.209 of the FCC rules.

Sincerely,

06/10/05

Ram Manohar
Department Manager
Frequency Management Department
Intelsat GSC

Date

Acceptance by GENERAL DYNAMICS:

GENERAL DYNAMICS testifies that the information provided to Intelsat and reflected in this Affidavit letter is true and accurate to best of GENERAL DYNAMICS' knowledge.

9 JUNE 2005

GENERAL DYNAMICS
By: TIMOTHY M. SHROYER

Date

Horizons
Acceptance by ~~Intelsat~~:

Horizons Satellite LLC agrees to the use of the 60-cm circular-aperture antenna with the respective azimuth angle alignment tolerances towards the intended satellites and the power density levels into the antenna flange as stated in this letter, with respect to the Horizons Satellite LLC's satellites and the associated networks located within ±6° from Intelsat Americas-7 at 129 W.L.

6/21/05

James Cuminale
Horizons Satellite LLC

Date