

March 23, 2005

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

To Whom It May Concern:

This letter certifies that SES Americom, Inc. ("SES Americom") is aware that Exxon Communications Company, ("Exxon"), is filing to operate on the SES Americom satellite AMC-3 at 87° W.L. licensed by the Federal Communications Commission ("FCC"), using C-band transmit/receive antennas that are not strictly compliant with the FCC rules for off-axis sidelobe gain.¹

The C-band terminal uses the Data Marine Systems antenna with an aperture of 2.4 meters. To allow for the motion of the guyed caisson structure, the Satellite Earth Station automatically and continuously tracks the satellite so that the antenna is always pointed within the beam width normally associated the diameter of the dish. The tracking mechanism is capable of tracking the satellite and the minimum tracking capability is aligning the antenna boresight to within +/- 0.5 degrees of the intended satellite, at all time. To ensure the reliability, there are fully redundant earth stations. SES-Americom understands that these antennas are installed on oil platforms at fixed locations and generally exhibit non-compliance performance in the region from 1.0 to 1.6 degrees off axis from the maximum gain. The antennas comply at 1.6 degrees and beyond with the requirements of Section 25.209 of the FCC's rules.

In order to prevent potential unacceptable interference from antenna misalignment, Exxon will align the 2.4 meter antennas to less than or equal to 0.4 degrees offset in the azimuth direction of the intended satellite. In addition, the uplink power density for the antennas operating on the AMC-3 satellite at 87° W.L. will not exceed -14.1 dBW/4 kHz into the antenna flange. In order to prevent unacceptable interference into adjacent satellites due to motion of the guyed caisson structure, the transmitter would be automatically turned off in the event that the antenna is misaligned from the intended satellite by more than 0.4 degrees.

SES Americom acknowledges that the use of the Data Marine Systems 2.4 meter antenna by Exxon, installed and operated in accordance with the above conditions, should not cause unacceptable interference into adjacent satellites in accordance with FCC's 2-degree spacing policy and that Exxon will accept interference from adjacent satellites to the degree to which

¹ 47 C.F.R. § 25.209

harmful interference would not be expected to be caused to an earth station employing an antenna conforming to the reference patterns defined in Section 25.209 of FCC rules. If the use of this antenna should cause unacceptable interference into other systems, Exxon has agreed that it will terminate transmission immediately upon notice from the affected parties.

Respectfully,

JL
K. Jonnalpadda
Jaime Londono
Director, Satellite Market Development
SES Americom

4/5/2005
Date

Acceptance by Exxon:

Exxon testifies that the information provided to SES Americom and reflected in this Affidavit letter is true and accurate to the best of Exxon's knowledge.

Rod Fuller
Exxon for Frank Simoes
By:
Title: Vice President

3/29/05
Date

Acceptance by Intelsat:

Intelsat agrees to the use of the Data Marine Systems C-band antenna with an aperture of 2.4 meters with their respective azimuth angle alignment tolerances toward AMC-3 and the power density levels into the antenna flange as stated in this letter, with respect to the Intelsat satellite transponders that are within ± 6.0 degrees orbital spacing from AMC-3 at 87° W.L.

Ram Manohar
Ram Manohar
Department Manager, Frequency Management
Intelsat

04/07/05
Date