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APR 24 2006

Satellite Division
International Bureau

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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APR 21 2006

Federal Communications Commission
Office of Secretary

Application of:)

THE BOEING COMPANY)

For Blanket Authority To Operate Earth)
Stations Onboard Vessels in the 14.0-14.5)
GHz and 11.2-12.75 GHz Bands)

File No. SES-LIC-20060228-00326

Call Sign: E060070

COMMENTS OF PANAMSAT CORPORATION

In the above-captioned application (the "Application"), The Boeing Company ("Boeing") seeks authority "to communicate with U.S.-licensed satellites and satellites on the Permitted Space Station List using conventional Ku-band Fixed Satellite Services ("FSS") spectrum, as well as authority to communicate with certain individual U.S. and foreign satellite points of communication using non-conventional Ku-band spectrum."¹ In connection with its Application, Boeing has requested a waiver permitting it to operate at off-axis e.i.r.p. spectral density levels that exceed the routine levels set forth in the Commission's ESV rules.²

Boeing seeks authority in its waiver request to operate "at aggregate off-axis e.i.r.p. spectral density levels up to the limits set forth in ITU-R Resolution 902, subject to compliance with the coordinated parameters of the serving satellite"³. If this request were granted, Boeing could operate at aggregate levels up to 8 dB higher than those required by Section 25.222 of the FCC's rules.⁴ PanAmSat Corporation ("PanAmSat"), by its attorneys, hereby comments on two aspects of Boeing's waiver request: (1) how a waiver, if granted, should work if there is no coordination agreement with adjacent operators addressing the use of higher aggregate levels; and (2) how a waiver, if granted, should work if there is a coordination agreement with adjacent operators addressing the use of higher aggregate levels and the coordinated levels are lower than the levels set forth in ITU-R Resolution 902.

¹ See Application (p. 4).

² See Application (pp. 21-24).

³ See § VI A of the Application (p.22).

⁴ The levels specified in Section 25.222 pertain to emissions from a single earth station. The aggregate levels can be derived by adding 10logN to the values specified in Section 25.222.

Boeing's waiver request applies to nine satellites that are identified in the Application.⁵ Boeing states that, in cases in which coordination is required, it "has obtained certifications from its U.S. satellite operators that ESV operations at higher aggregate off-axis e.i.r.p. spectral density levels are consistent with the parameters coordinated with adjacent satellite operators."⁶

Four of the nine satellites identified by Boeing are within 6° of satellites licensed to PanAmSat's subsidiary, PanAmSat Licensee Corp. Two of these are relevant to these comments: AMC-6 is 2.05° from SBS-6 at 74.05° W.L. and Estrela do Sul is 5° from PAS-23 at 58° W.L.

There is no coordination agreement between PanAmSat and the operator of AMC-6 that would permit operation at aggregate levels above those required by Section 25.222. It is unclear what Boeing is proposing in such cases. Boeing states that its authority to operate at the aggregate levels permitted under ITU-R Resolution 902 would be "subject to compliance with the coordinated parameters of the serving satellite." This statement could be read, in cases in which coordination is required, as permitting operation with aggregate levels up to a full 8 dB higher than permitted in the rules if there are no "coordinated parameters" to be "subject to" because the parties have not coordinated aggregate levels. If that is what Boeing is proposing, PanAmSat opposes it. Boeing should not be permitted to exceed the aggregate levels required by Section 25.222 unless higher aggregate levels have been coordinated with adjacent operators. If, on the other hand, Boeing is proposing to operate at higher aggregate levels (up to an additional 8 dB) only to the extent that the higher levels have been coordinated with adjacent operators, then PanAmSat has no objection to the proposal.

There is a coordination agreement between PanAmSat and the operator of Estrela do Sul. Although this agreement allows for aggregate levels above those required by Section 25.222, the coordinated levels are well below the limits set forth in ITU-R Resolution 902. It is PanAmSat's understanding that, in these circumstances, if Boeing's waiver

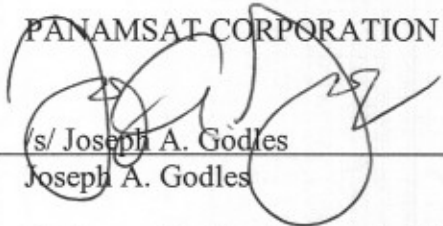
⁵ See Application (p. 21).

⁶ See Application (p. 23).

request were granted Boeing would be limited to the coordinated levels, not the ITU-R Resolution 902 levels. PanAmSat requests that any grant of the waiver request make clear this limitation.

Respectfully submitted,

PANAMSAT CORPORATION

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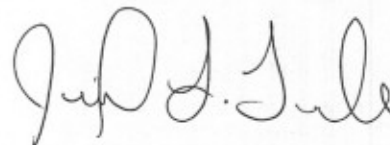
CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing Comments of PanAmSat Corporation was sent by first-class mail, postage prepaid, this 21st day of April 2006, to each of the following:

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