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ORIGINAL



June 1, 2006

Jennifer D. Hindin
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Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: **Petition for a Declaratory Ruling Adding Anik F3 at 118.7° W.L. to the Permitted List, SAT-PPL-20060516-00061, Call Sign S2703**

Dear Ms. Dortch:

Telesat Canada ("Telesat"), by its attorneys, files this letter pursuant to Section 1.65 of the rules of the Federal Communications Commission ("FCC")[1] to provide additional information relevant to the above-captioned petition for declaratory ruling adding the C- and Ku-band payloads of Anik F3, a satellite to be located at 118.7° W.L., to the FCC's Permitted Space Station List (the "Permitted List"). This letter provides supplemental information regarding orbital debris mitigation as required by Section 25.114(d).

As requested by the International Bureau, Telesat confirms that the orbital debris information submitted by EchoStar Satellite LLC ("EchoStar") in its application for blanket authorization to operate one million receive-only earth stations in the Ku-band to receive Direct-to-Home ("DTH") Fixed Satellite Services ("FSS") from the Anik F3 satellite[2] is accurate and should be incorporated by reference into Telesat's petition. Specifically, Telesat verifies that upon mission completion, Anik F3 will be maneuvered to a disposal orbit with a minimum perigee of about 280 km above the normal GSO operational orbit, based on the IADC formula:

- Area-to-mass ratio ("A/M") = 0.0437 $m^2$/kg
- Solar Pressure Radiation Coefficient (worst case) ($C_R$) = 1

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1 47 C.F.R. § 1.65.

2 *See EchoStar Satellite, LLC Application for Authorization to Operate 1,000,000 Receive-Only Earth Stations to Provide Direct-to-Home Fixed Satellite Service in the United States Using the Canadian-authorized ANIK F3 Satellite at the 118.7° W.L. Orbital Location*, File Nos. SES-LFS-20040831-01253, SES-AMD-20051118-01599, SES-LIC-20050621-00799 SES-AMD-20051118-01601, Order and Authorization, 20 FCC Rcd 20,083 (Int'l Bur. 2005) ("*EchoStar Order*").

Therefore, the Minimum Disposal Orbit Perigee Altitude will be equal to

= 36,021 km + 1000 x $C_R$ x A/M
= 36,021 km + 1000 x 1 x 0.0437 $m^2$/kg
= 36,064.7 km
= 278.7 km above GSO

Additionally, the amount of fuel reserved for disposal will be 10.6 kg, as noted by EchoStar in its application.

Please do not hesitate to contact the undersigned with any questions.

Respectfully submitted,

/Jennifer Hindin/CAK

Jennifer D. Hindin
*Counsel for Telesat Canada*

cc: Andrea Kelly