

From: John Gregus

To: John Kennedy

Date: January 08, 2004

Subject:

FCC File # 0512-EX-ST-2003 and 0272-EX-PL-2003

Message:

Please find below the answers to your questions:

1. Is the input power density into the antenna less than -14 dBw per 4 kHz?

Yes. The power density is ≤ -14 dBW/4kHz based upon a worst case link of 3.6 watts (5.5 dBW) for a 360 kHz transmission (19.5 db-Hz).

2. Are all the satellites U.S. domestic satellites?

Only satellites on the Permitted Space Station list between 15-123 WL will be accessed.

3. Are the earth stations on vessels or aircraft?

No.

4. Are the earth stations transportable?

The earth stations are temporary fixed. They are not transportable in the traditional sense of transportable earth station trucks or trailers. They will be assembled and placed on an antenna mount, usually a non-penetrating mount located on the ground or on a rooftop. They will be disassembled and shipped to another venue after demonstration.

5. Are the earth stations mobile?

No, they are fixed.

6. What is the diameter of the dish antenna?

The antennas are channel master 1.8 meter antennas.

Best Regards,
John Gregus

Also, please contact Mrs. Shahnaz Ghavami at (202) 418-0740.

Confirmation Number: EL13970

jkennedy@fcc.gov

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of