



## **Exhibit 1: Use of Frequency for Government Project**

### **Basic facts:**

SpaceX has been awarded the following government contracts:

1. Naval Research Lab (NRL). For proof of contract, contact Tim Duffy at the NRL at 202-404-3041.
2. US Defense Department (DARPA)
3. Air Force/Space and Missile Systems Center (SMC Detachment 12)

### **Summary:**

Space Exploration Technologies (SpaceX) is a small launch vehicle company, which will be launching an NRL and a DARPA satellite in late 2005. The vehicle must eventually fly 2-burn missions – this means that the upper stage injects the vehicle into a transfer orbit, and then ignites 15-45 minutes later to insert the payload into its final orbit. During this coast period, tank thermodynamics are a large question mark, so telemetry is required to monitor the vehicle. This telemetry can be transmitted on S-band if the license is granted.

Note that this could be considered “requirement for government contract” or “essential to research project.”