

**EXHIBIT 1**

## **EXHIBIT 2**

### **Purpose Statement for Question #10 of FCC Form 442: File No. 0214-EX-PL-1999**

Since 1995, Orbital Communications Corporation (“ORBCOMM”) has operated a commercial, low- earth-orbit (“LEO”) satellite system. ORBCOMM’s LEO satellite network is currently comprised of 28 satellites that provide a variety of services to its reseller customers, who in turn provide services to the general public. ORBCOMM’s earth station equipment is more specifically described in the particular licenses granting them the authority to operate. ORBCOMM seeks experimental authority in order to test the use of the 50 KHz channel centered on 150.025 MHz to provide a feeder link uplink between its four gateway earth stations (in St. John, Arizona; Ocilla, Georgia; Arcade, New York; and East Wenatchee, Washington) and its satellite constellation. In the Little LEO Second Processing Round, ORBCOMM was granted authority to use this feeder link channel if and when Final Analysis migrates its feeder link to other spectrum allocated for such uses. ORBCOMM is optimistic that such an allocation will be made at WRC-2000 (and subsequently adopted in the United States).<sup>1</sup> The experimental authorization will allow ORBCOMM to test fully the suitability of this particular spectrum and its equipment in the event ORBCOMM is required to change its feeder link uplink in the United States. By allowing ORBCOMM to conduct these experimental operations, ORBCOMM will be able to effectuate a smooth transition to this band, thus ensuring that its valuable services will not be interrupted. In this manner, the public interest will be well served by grant of the experimental authority.

Because Final Analysis is not yet operational in this band and there are no other licensed operators that ORBCOMM is aware of, ORBCOMM’s proposed experimental operations in this 50 KHz channel will not interfere with any of Final Analysis’s transmissions or the authorized operations of any other service provider. In addition, in the highly unlikely event that ORBCOMM’s experimental operations in the 150.025 MHz band cause interference to any licensed users, ORBCOMM’s active supervision and control of its gateway earth stations will allow it to cease transmissions immediately upon a request from the Commission or the licensed operator. ORBCOMM will also maintain a single point of contact within the company (Paul Locke (telephone number is 703/406-5397, cell-phone number of 703/626-8742)) in order to ensure responsiveness and convenience. Finally, ORBCOMM understands and acknowledges that it will be receiving experimental authority only, and thus will operate on a secondary basis and will have to tolerate interference caused by other users authorized to operate in this band.

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<sup>1</sup> See *In re Amendment of Parts 2 and 95 of the Commission’s Rules to Create a Wireless Medical Telemetry Service, Notice of Proposed Rulemaking*, ET Docket 99-225, FCC 99-182, at ¶ 14 (rel. July 16, 1999).