

EXHIBIT 1

The facility which is the subject of this Application, a fixed ground station to be located in Lanham, Maryland, is intended to be operated in conjunction with other experimental facilities already authorized.

Specifically, in August 1995, Final Analysis was granted licenses for an experimental non-voice, non-geostationary orbit mobile satellite (Call Sign KS2XCY), an associated Master Ground Station in Logan, Utah (Call Sign KS2XDA), and up to 350 Remote Mobile Terminals (Call Sign KS2XCZ).¹ A full explanation of the purpose and intended operation of the experimental system is set forth in Exhibit 1 to Final Analysis's March 3, 1995 application for its experimental satellite, File No. 4682-EX-PL-95 (the "March 1995 Exhibit"). The March 1995 Exhibit is incorporated herein by reference.

As explained in the March 1995 Exhibit, the authorized experimental facilities will be utilized by Final Analysis in a program of research and experimentation to determine the ability of NVNG MSS systems to coexist with existing users and operations in the designated spectrum.

The additional station requested here is required in order to maximize communications with the satellite in connection with the planned experiments. The Logan,

¹ Final Analysis, Inc. is the parent corporation of Final Analysis Communication Services, Inc., which is an applicant for commercial license in the Non-Voice, Non-Geostationary Mobile Satellite Service ("NVNG MSS").

Utah and Lanham, Maryland stations will each communicate with the satellite on two separate passes over the continental U.S., on the west and east coasts respectively. Thus, the Lanham station will permit Final Analysis to maximize access to the satellite as it covers the U.S. This is critical for control of the satellite, particularly during the first few months of the launch. It is also important for the conduct of the planned experiments, which have gained significant visibility and interest. In order to maximize the value of the experiments, it is necessary to communicate with the satellite as frequently as possible.