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January 17, 1997

**VIA COURIER SERVICE**

**FEDERAL COMMUNICATIONS COMMISSION**

Experimental Radio Division

P.O. Box 358320

Pittsburgh, PA 15251-5320

**Re: Final Analysis, Inc., Application for Modification of  
Experimental Authorization for Fixed Ground Station at  
Logan, Utah (Call Sign KS2XDA; File No. 4684-EX-PL-95)**

Dear Sir or Madam:

Final Analysis, Inc., by its attorneys, hereby submits its application on FCC Form 442 to modify its above-captioned experimental authorization for its Logan, Utah ground station to add the 148.7 MHz uplink frequency to the frequencies in the 455-456 and 459-460 MHz band already contained in the current Logan authorization. The modification to add the 148.7 MHz uplink frequency is necessary for command, telemetry and control functions between Final Analysis's Logan ground station and its satellite FAISAT-2v, for which Final Analysis already has been granted experimental authorization for non-voice, non-geostationary orbit mobile satellite service ("NVNG MSS").<sup>1</sup> A central purpose of Final Analysis's overall experimental satellite program, as set forth in more detail in Exhibit 1 of the attached Form 442, is to determine the ability of NVNG MSS operations to coexist in certain frequency bands with existing users of those bands.

<sup>1</sup> Final Analysis received an experimental authorization for FAISAT-2v (Call Sign KS2XCY) on August 11, 1995.

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In addition to the proposed operations between the Logan ground station as modified in the instant application and FAISAT-2v, Final Analysis's plans for the experimental satellite program also include the following components:

A proposed ground station to be located at Final Analysis's Lanham, Maryland corporate headquarters. An application for experimental authorization (File No. 5582-EX-PL-96) and request for special temporary authority filed on January 8, 1997 are currently pending with respect to the Lanham, Maryland ground station.<sup>2</sup>

350 remote mobile terminals authorized to Final Analysis on an experimental basis (Call Sign KS2XCZ; File No. 4683-EX-PL-95).

The \$45 fee (Code EAE) as listed in the Office of Engineering and Technology Fee Filing Guide is enclosed in the form of a check payable to the Federal Communications Commission. A duplicate of this filing and a self addressed, postage-paid envelope also are included in this filing. Please date-stamp the duplicate upon receipt and return it in the envelope provided. Please contact the undersigned directly if you have any questions.

Respectfully submitted,



Peter A. Batacan  
Counsel to Final Analysis, Inc.

encls: FCC Form 442  
Check for \$45

cc: Mr. Douglas Young  
Office of Engineering and Technology

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<sup>2</sup> Final Analysis also plans to establish a ground station in Norway.