

Nature of Application

General Dynamics Advanced Information System (“GDAIS”) is developing a satellite communication signal processing system that will provide processing results to the Federal Government at a remote facility. This processing system will consist of hardware for operating with geo-synchronous satellites. Construction at a remote facility and installation of this signal processing system are scheduled to be completed by August 2006 with testing through July 2007. ***The communications signal processing system is part of a satellite system vital to the national defense of the United States resulting from the events of September 11, 2001.***

The Federal Government has hired GDAIS to develop a satellite communications signal processing system to be installed at a remote facility that is conducting ongoing upgrades of the system. The proposed processing system will permit the ground station to transmit and receive terrestrial information via a satellite system. Upon successful testing of this system, GDAIS will install the necessary earth station hardware to receive and transmit information from geo-synchronous satellites viewed from the remote facility. GDAIS has completed testing of this processing system in its laboratory. However, in order to complete testing, GDAIS must test the communications system in a real world environment; hence the necessity of the authorization for an experimental radio station to test the communications system.

Because this project has been classified “top-secret”, the Federal Government prohibits GDAIS from disclosing the name of the federal agency, the contact person at the agency, the project number, or the name of the project. GDAIS has in the past filed Form 442 applications in this manner and receive approval from the Federal Communications Commission, most recently for an application filed with the FCC in January 2002.