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General Dynamics - Itronix
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FEDERAL COMMUNICATIONS COMMISSION
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Application Narrative for Proposed Special Equipment Program

Proposed Program

General Dynamics Itronix is part of General Dynamics C4 Systems, a business unit of General Dynamics (NYSE: GD). General Dynamics C4 Systems is a leading integrator of secure communication and information systems and technology. The company is a market leader in business aviation; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and information systems and technologies.

At General Dynamics Itronix we are constantly designing innovative, cutting edge computers that can take on anything – from harsh temperatures and weather extremes to dust, drops and vehicle vibration. As a leading provider of rugged, mobile computers our solutions are preferred by workers on the road and out in the elements. All of our ruggedized laptops or mobile computing devices have GPS capabilities that are critical for many others systems functionality. With the presence of a GPS signal in the research and development lab area, we are able to design, develop and test new and improved applications incorporating GPS capabilities. Therefore General Dynamics Itronix requires a GPS signal in its facility to maintain the ability to further its research and experimentation to enhance existing GPS functionality in its products in addition to the develop of new applications. It is also a benefit that service technicians will be able to test, operate and perform maintenance on these systems in this space.

Objectives

We seek to accomplish the following objectives:

1. Illumination of the R&D area with a GPS Signal to allow for the continued testing and experimentation on the new application software incorporated in a wide range GPS enabled laptops and mobile computing devices that are widely used by the US Military in addition to commercial applications.
2. Further design, development and enhancement of existing GPS applications to provide greater efficiency and more effective means of utilizing GPS derived information in these ruggedized laptops.
3. Ability to troubleshoot and repair GPS systems without having to endure the costly time and expense to relocate the equipment outdoors.