

February 5, 2024

Woods Hole Oceanographic Institution
266 Woods Hole Road
Woods Hole, MA 02543

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Equipment

Proposed Program

We would like to apply for using a GPS repeater in our Quissett Research Facility. Our GPS lab provides research and development to all sorts of oceanographic projects. Most of these projects involve scientific research using data collection on buoys, boats, or robotic watercraft. The GPS allow us to support the various departments in testing GPS receivers that are used for navigation or data uplink.

Objectives

We seek to accomplish the following objectives:

1. Illumination of the part of our lab, located at 266 Woods Hole Road, Woods Hole, MA with a GPS signal to allow for the testing and experimentation indoors for continued exploration of utilizing GPS technologies.
2. Further design, development and enhancement of GPS applications to provide greater efficiency and more effective means of utilizing GPS derived information.