Form 442 Question 7: Experimentation Description

File Number: 044-EX-PL-2010 Confirmation number: EL438191 Contact: John Lund <u>jlund@whoi.edu</u>

Phone: 508-289-3636

Purpose of Experiment:

This application is for a GPS signal repeater which will include a passive roof mounted antenna at the Woods Hole Oceanographic Institution Carlson Lane laboratory and an emitter inside the facility work bay.

Oceanographic instrumentation including buoys and vehicles use GPS for position and time information. The GPS signals need to be repeated inside during construction and assembly for testing purposes.