

- a. The complete program of research and experimentation proposed including description of equipment and theory of operation.
- b. The specific objectives sought to be accomplished.
- c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

The goal is to validate units for PPS detection. The units require a GPS signal to validate, and the indoor GPS signal is weak, slowing down the validation process. A GPS repeater will greatly reduce the amount of time it takes to validate a unit.