

1-22-08

NOTES ABOUT GPS FOR SENIOR DESIGN PROJECT

This folder contains technical information about how to implement this technology.

You will find pictures of the hardware as well as technical specifications.

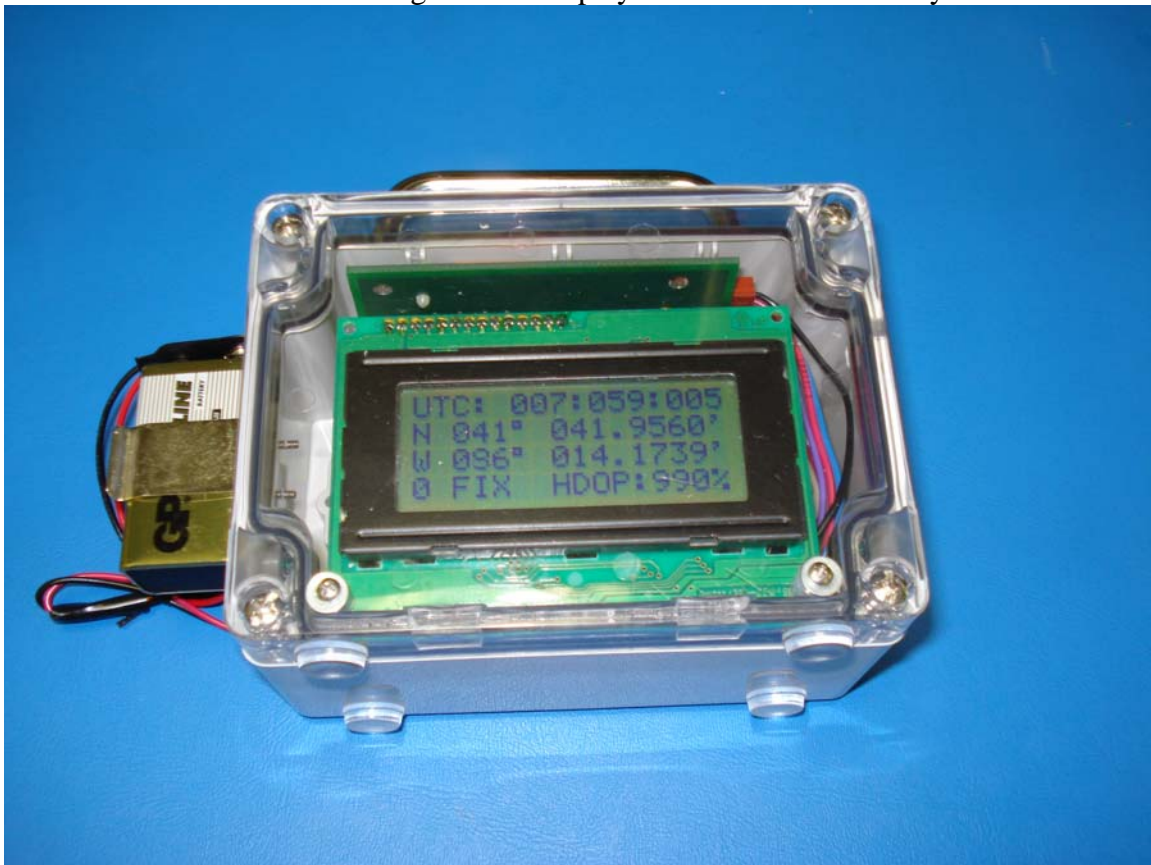
Reference information about GPS in general can be found in many places, including:

<http://www.u-blox.com/customersupport/tutorial.html>

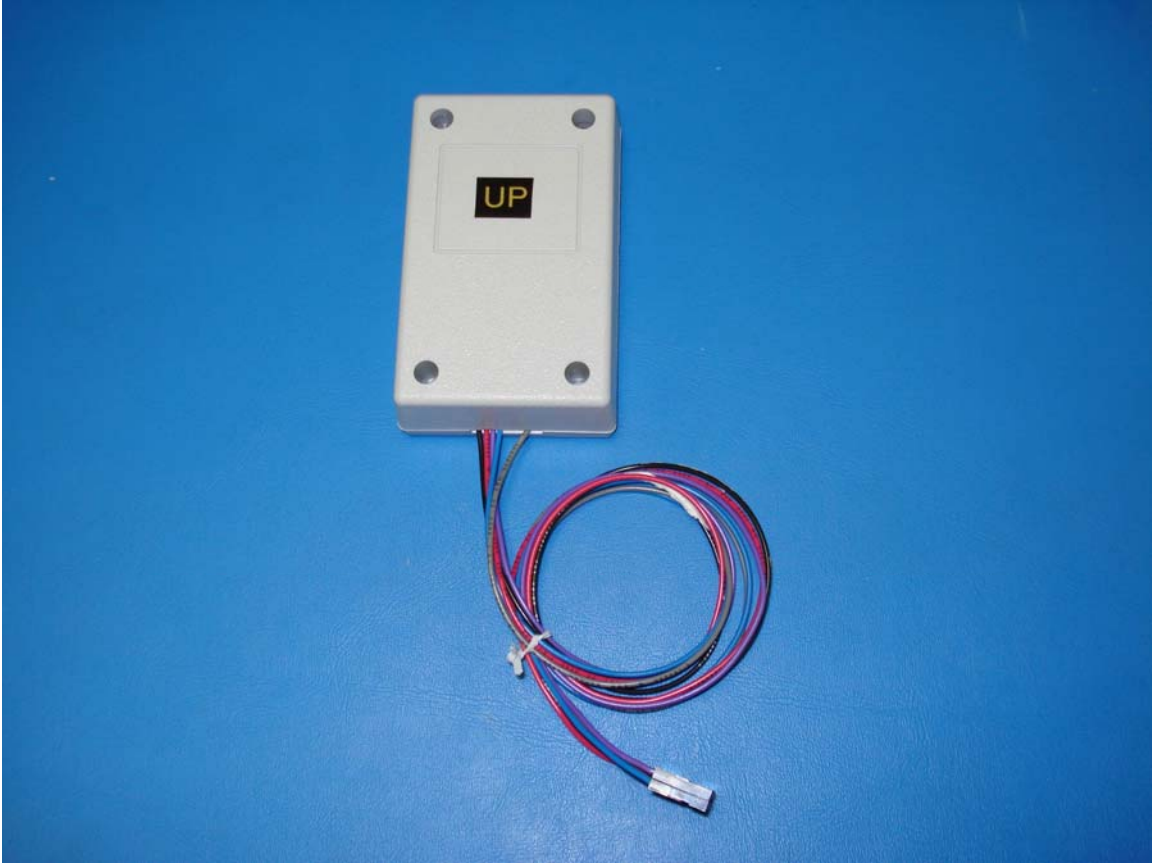
<http://en.wikipedia.org/wiki/Gps>

<http://www.u-blox.com/technology/antaris4/accuracy.html>

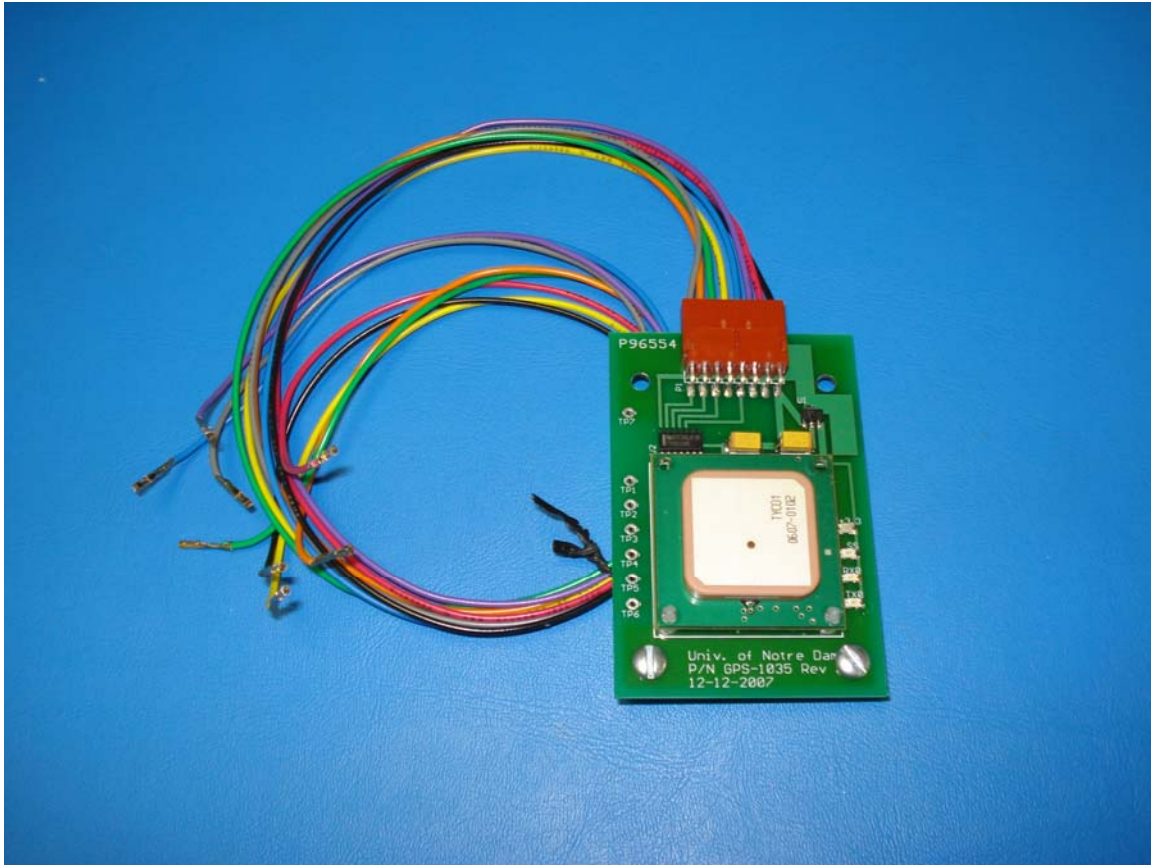
There are three receivers available for use in your projects, one of which is currently housed in a weatherproof box containing a microcontroller and display, for preliminary field testing and demonstration. It may be checked out from ISAL on request. This unit receives and decodes satellite signals and displays them in a user-friendly format.



A second unit is housed in its final packaging and is available for use in the ISAL lab prior to your project development. This is the unit as supplied for use in your design.



The third unit is in its bare form and is available for inspection and/or modeling. It will also be packaged for use in your designs.



Please refer to the other files in this folder for additional information, including programming examples and sample data.