GPS EXERCISE

Train-the-Trainers Georeferencing Workshop 2

Gainesville, Florida, August 2013

General Instructions:

1. Give your team a name suitable for royalty or public scandal. Write in upper right-hand corner.
2. Complete the Field Resources section of this worksheet.
3. Navigate to the waypoint in the upper left-hand corner of this page (at least as close as you can get to the waypoint).
4. Complete the questions below about the waypoint.
5. Proceed to visit each of the other four waypoints in sequence and answer the questions below. Thus, if you start with TTT1, proceed to TTT2, TTT3… Likewise, if you start with TTT4, proceed to TTT5, TTT1…
6. Make sure you each complete the extra step when finding your third waypoint.

**NOTE:** Please complete the questions below in the order in which you find waypoints (*i.e.*, if the first waypoint you visit is TTT4, then answer question section beginning with TTT4 – thus, your sheet when done will read TTT4, TTT5, TTT1, TTT2, TTT3) from top to bottom.

Field Resources:

GPS UNIT:

Brand, Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit ID/Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

OS Version: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Datum Used: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Waypoint: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Longitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Accuracy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Waypoint: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Longitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Accuracy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Waypoint: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Longitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Accuracy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please write a locality description of this waypoint. Your description must be textual and descriptive. You may **NOT** use any coordinates. Each member of your team must complete their own locality description. Don’t cheat by copying each other’s descriptions.

Waypoint: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Longitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Accuracy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Waypoint: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Longitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Accuracy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BONUS FOR ADVANCED/ADVENTUROUS USERS: Record your current datum below. Change the datum in your GPS at this waypoint and then find this waypoint again (you don’t need to walk there). Record the selected datum below and the distance between your current location and the location of the waypoint using the other datum (You do not need to go to that location. In fact, please don’t.):

Original (Verbatim) Datum: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

New Datum: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Distance between current location and waypoint in new datum (include units): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please return your GPS unit and this sheet (all group members) to an instructor and receive further instructions.**