

Use Waypoints to Locate Existing Features

Quick Instructions for Using Waypoints on Trimble GeoXT or GeoXH:

Transfer Waypoints to GeoXT or GeoHT

1. Save the waypoints file on your PC so you can browse to it later.
2. Open Trimble Data Transfer Utility to send the .wpt file to your GeoXT
 - Click on Send tab
 - Click the “Add” button and choose “Waypoint” then browse to file, and Transfer All

In GeoXT or GeoHT

1. Open TerraSync
2. Create a Data file with ExFeat data dictionary
3. Choose Status Navigation with pulldown menu
4. 2nd pulldown menu choose Waypoints
5. Your waypoints file should be listed – click Open
6. A list of Pipe IDs appears with a distance to each.
7. Highlight the first ID then click Options pulldown menu and choose “Set Nav Target”
 - a. If Navigation view does not automatically appear, click Waypoints > Navigate
8. Screen will show direction and distance to follow to your target ID
9. Follow the distance and compass arrow to your target feature (The arrow direction varies and is not correct all the time. Think of playing the game “you’re getting warmer” and follow the distance or the symbols on the map view.)
10. Switch to Map
 - a. click Layers button to turn on Waypoints.
 - b. turn on GPS trail to show where you have walked
 - c. zoom in or out to see the area you are working in
 - i. If difficult to find, click Options > Auto Pan to GPS Position
 - ii. When GPS position is close to the waypoint, the top of the screen is aligned North.
11. When you are at target, click on navy blue dot icon (at upper right screen)
 - a. Create a Basic Session first.

- b. Create the ExPipeandInsp. Type in the HydInfra ID that you just navigated to.
(go back to the Navigate screen to see the ID -- at top of the screen -- but **DON'T** use the digit that shows up in front of the ID number)
- c. Click OK to confirm

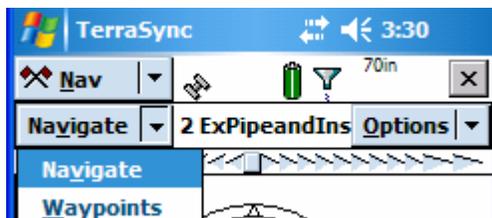
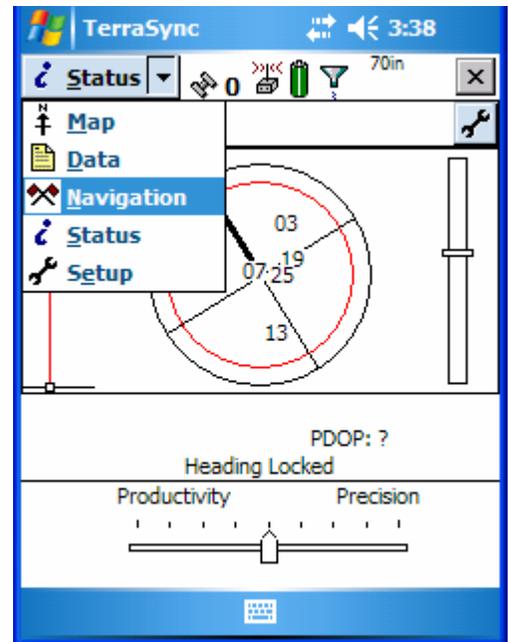
Detailed Instructions for Using Waypoints on Trimble GeoXT or GeoXH

Transfer Waypoints file to GeoXT or GeoHT

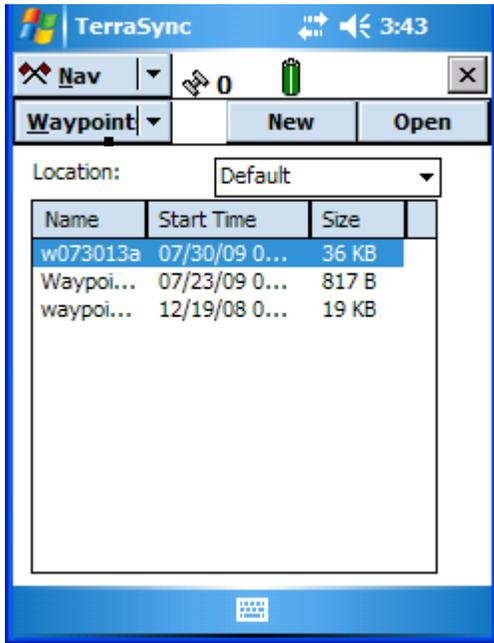
1. Save the waypoints file on your PC so you can browse to it later.
2. Open Trimble Data Transfer Utility to send the .wpt file to your GeoXT
 - a. Click on Send tab
 - b. Click the “Add” button and choose “Waypoint” then browse to file, and Transfer All

In GeoXT or GeoHT

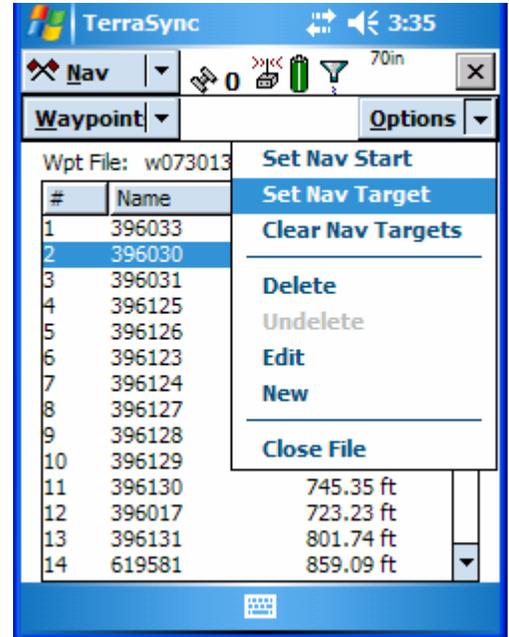
- Open TerraSync from Start Menu
- **First, choose Data and create an Exfeat file**
- Then on Status button, pull down menu and choose Navigation



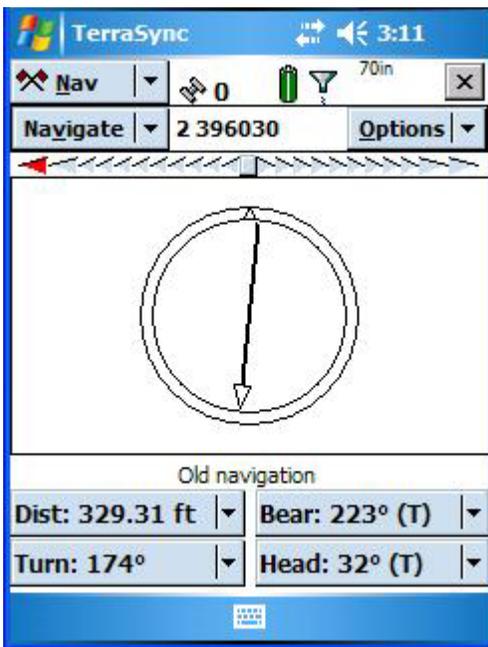
- Choose Waypoints from with the 2nd pulldown menu



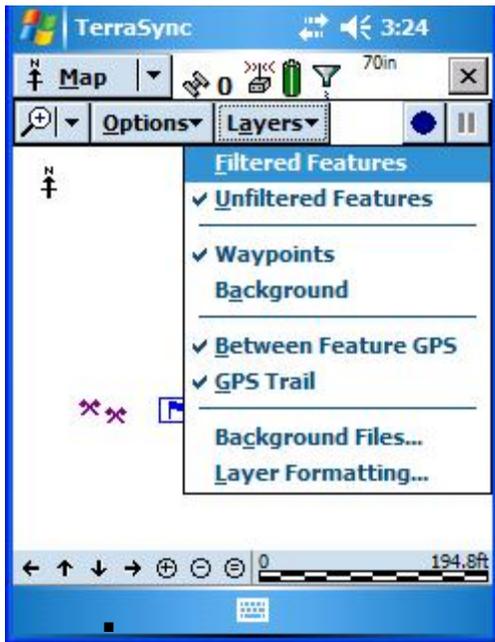
- Your waypoints file should be listed – highlight it and click Open



- A list of Pipe IDs appears with a distance to each.
- Highlight the first ID then click Options pulldown menu and choose “Set Nav Target”
- Screen will show direction and distance to follow to your target ID

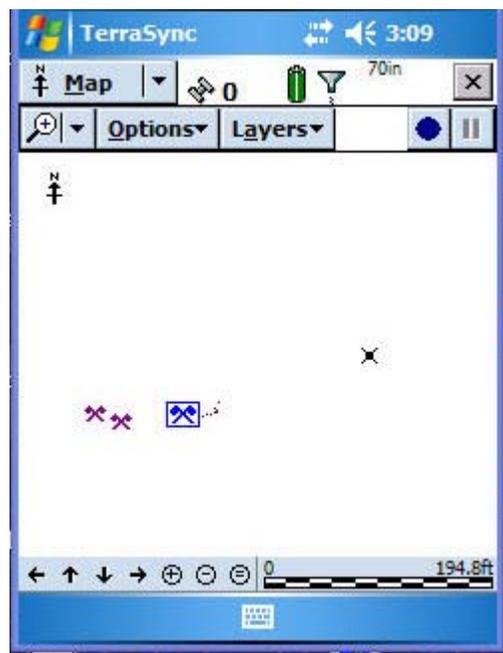


- Follow the compass arrow to your target feature (in this example, 329 feet behind me)

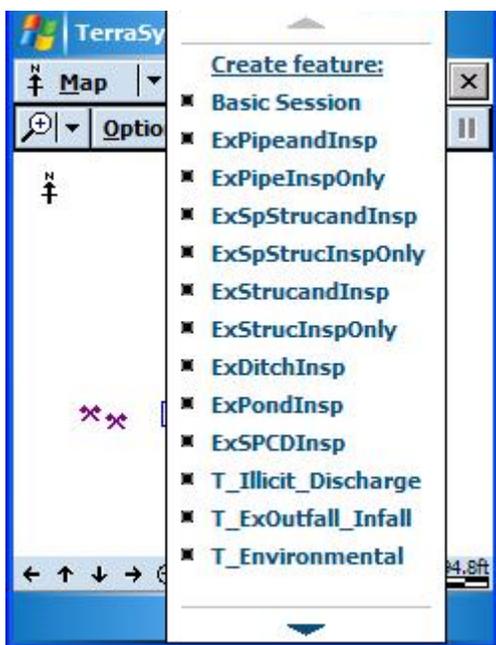


- Switch to Map and
- click Layers button to turn on Waypoints.
- Also turn on GPS trail to show where you have walked (it helps to give perspective).
- Zoom in or out to see the area you are working in (this may take some practice).

- When you have reached the target, click on the big navy blue dot icon on upper right of screen.



- A list of available features opens.



- Create a Basic Session first.
- Then create the ExPipeandInsp. (If the ExPipeandInsp feature is not listed, go back to the Data menu and create a data file with the Exfeat data dictionary.)
- Type in the HydInfra ID that you just navigated to. (go back to the Navigate screen to see the ID -- at top of the screen -- but **DON'T** use the digit that shows up in front of the ID number or all hell breaks loose).