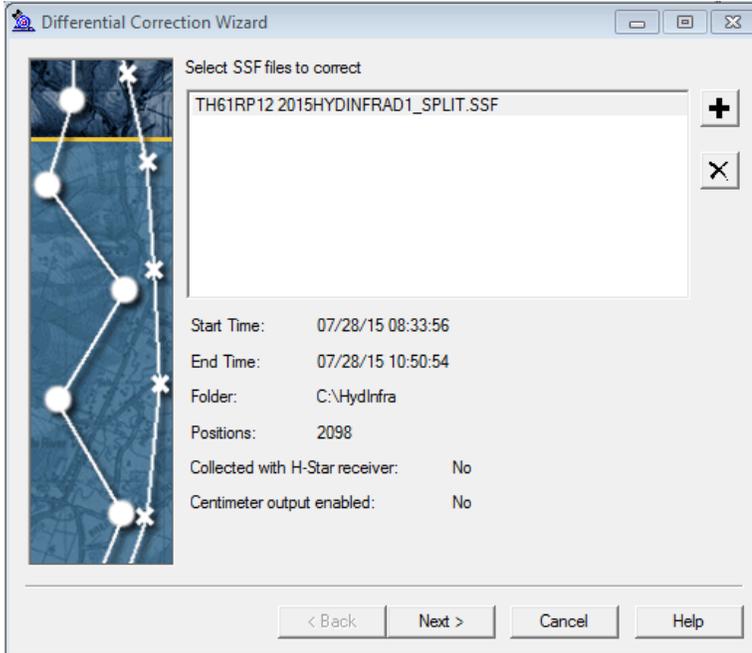


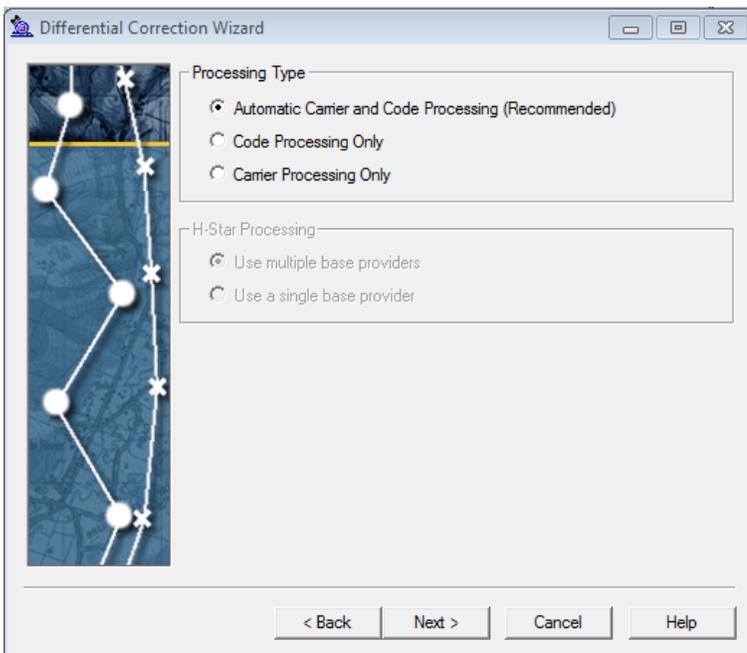
# Differential Correction of Terrasync files in Pathfinder Office for HydInfra data ASCII Export

In Pathfinder Office,

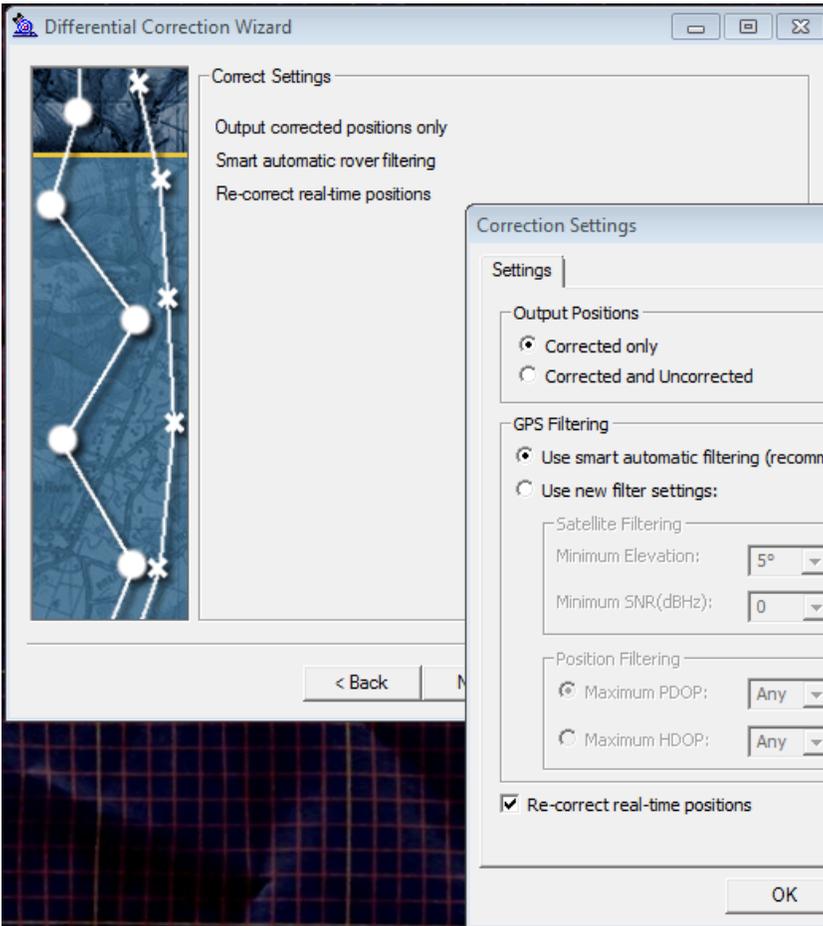
Go to Utilities > Differential Correction



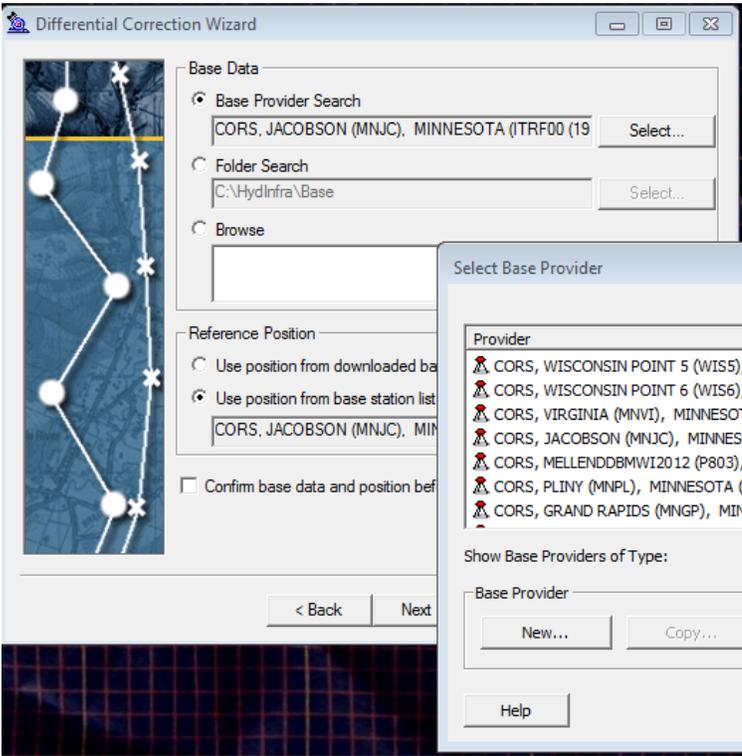
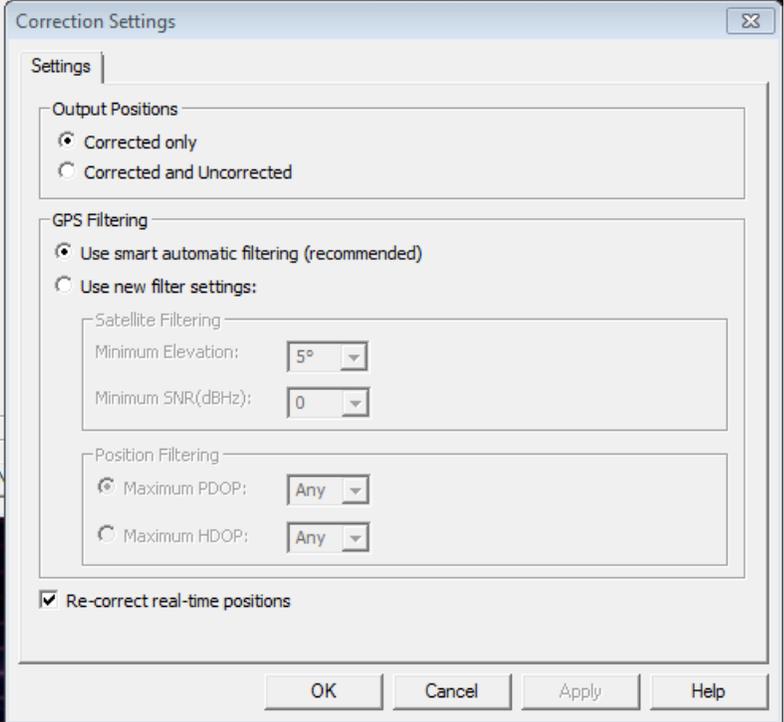
Choose the .ssf file to correct and click Next>.



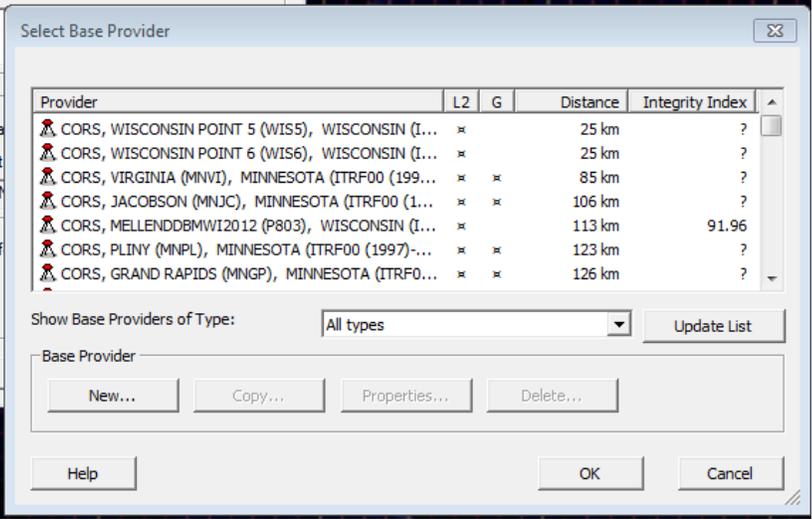
GeoXH can "Use Multiple Base Providers". GeoXT uses only one.

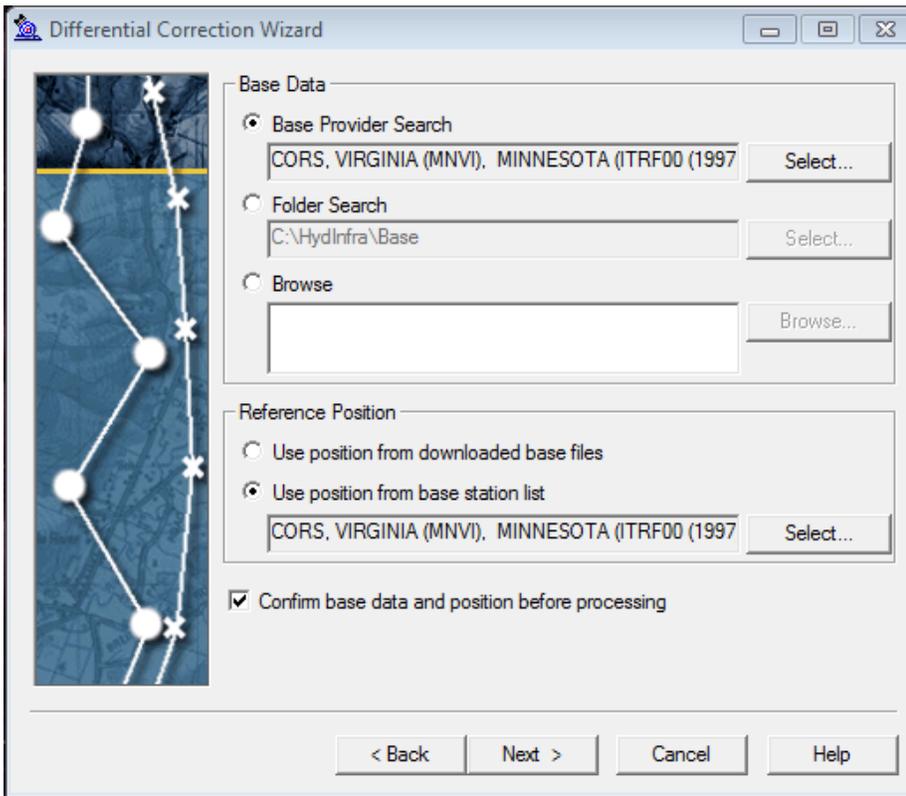


Click **Change** to check settings.  
Match these and click **OK**.

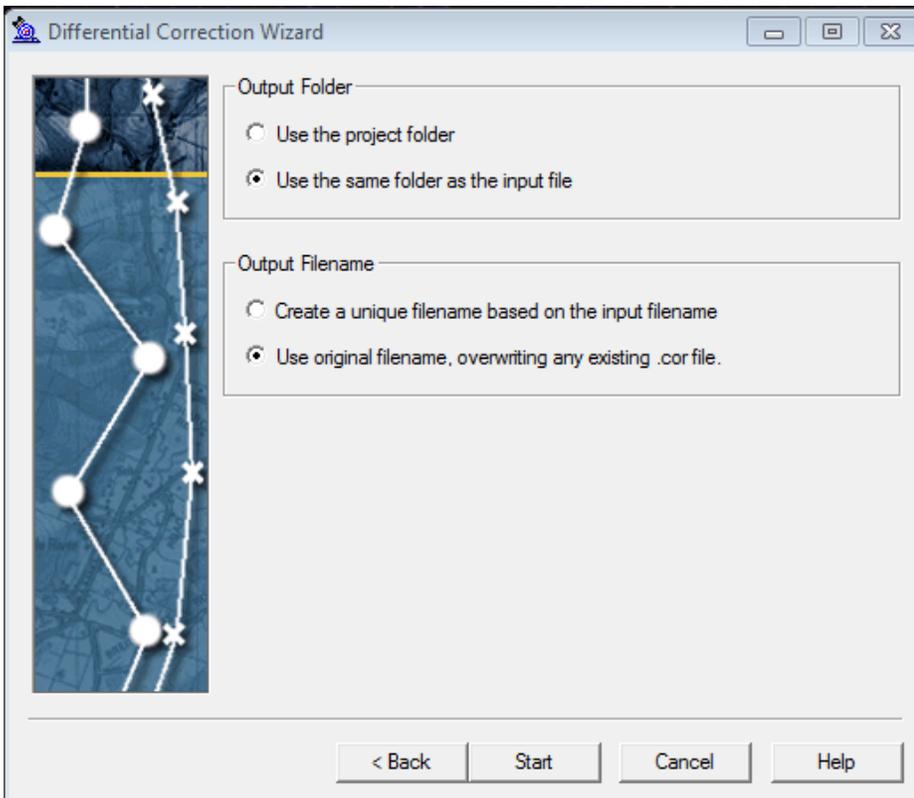


Click **Select** button to find the nearest Base Providers. Note the distance to each.  
Click **Update List** to get the most up-to-date set. Click on a Provider to choose it, and click **OK**.



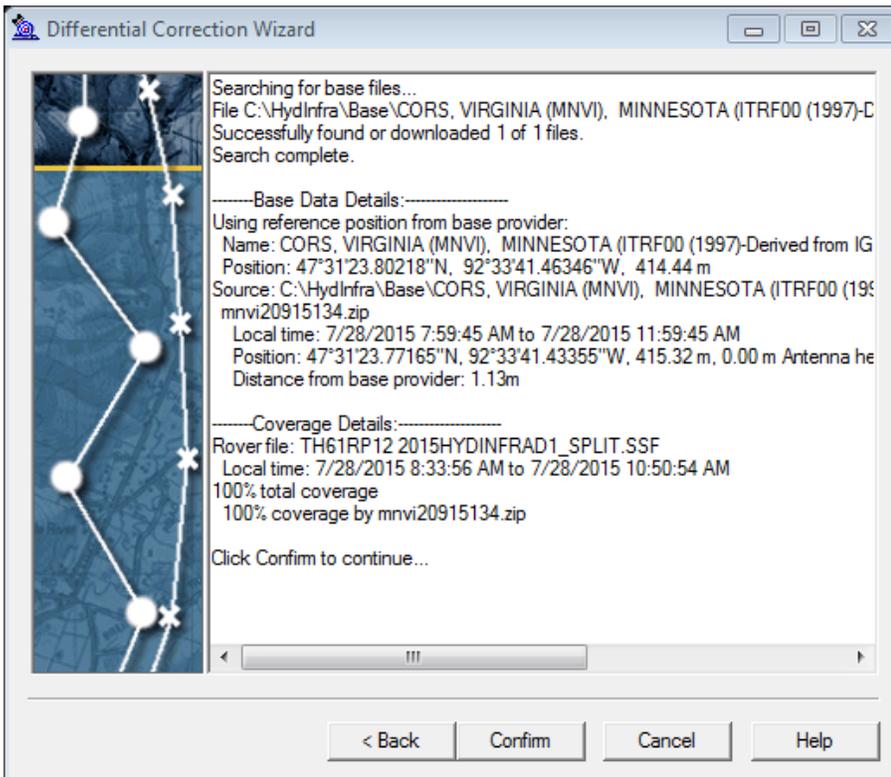


(Some providers data won't be found in the processing later, so you may have to return here to choose another. )



“Use same folder as the input file” keeps the corrected file together with the original ssf file.

Click Start to begin the Correction processing.

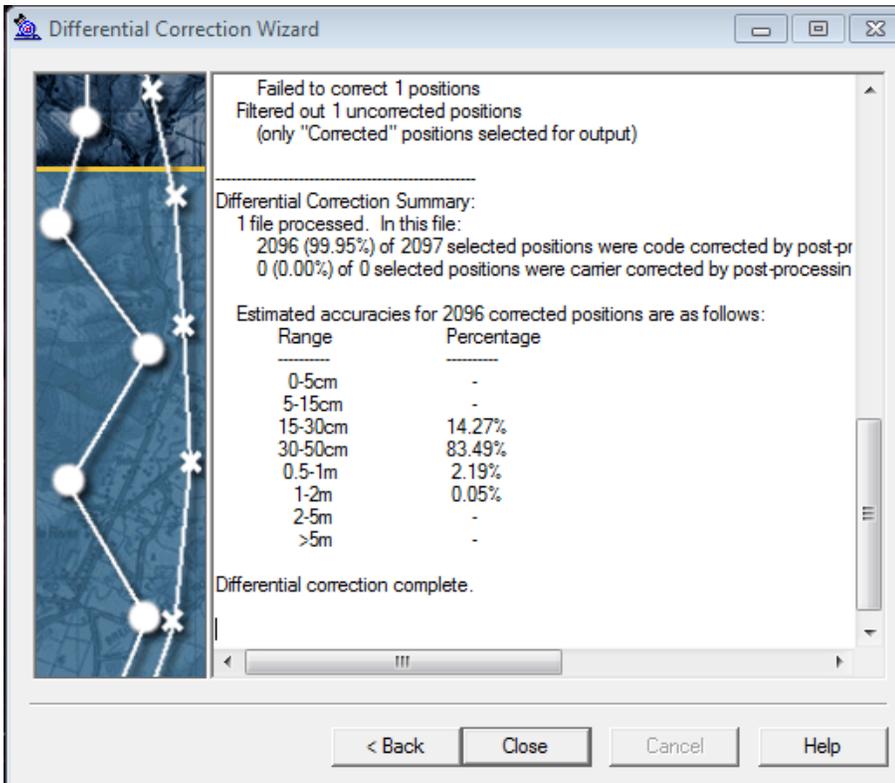


The Differential Correction Wizard then goes to the internet to request the Base Station files for the time period that the field data was collected in the ssf file.

Check the Coverage Details to see if the Base Station has data for the time period. If not, go back and choose a different base station.

Click Confirm to continue.

The processing begins.



Read the summary.

The Range and Percentage show the estimated accuracies of the differentially corrected locations.

The corrected file will be in the same directory as the ssf file.

This text file (with all the processing iterations) is saved in the output directory with a name like

Correct 2015-08-20 09-07.txt

To review the corrected file, open the .cor file. Got to Pathfinder Office File > Open.

In the Pathfinder Office program window always keep these boxes open:

- View > Map
- Data > Position Properties
- Data > Feature Properties
- Find > Feature

Click the button “First” to find the first feature.

Use the > button in either the Feature Properties box to step through each feature. (if you find carrier notes instead of a feature, use the Find Feature window to step through the set of a specific feature type).

Look at Position Properties:

- Status: 3D Postprocessed Code
- Horiz.Precision to see the effect, in this case, 0.4 meters+/- estimated accuracy.

