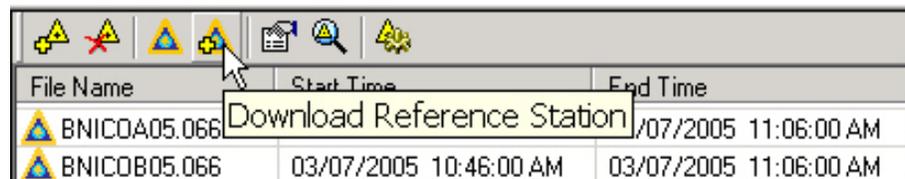


MobileMapper Office Tech Note: Adding a RINEX Provider

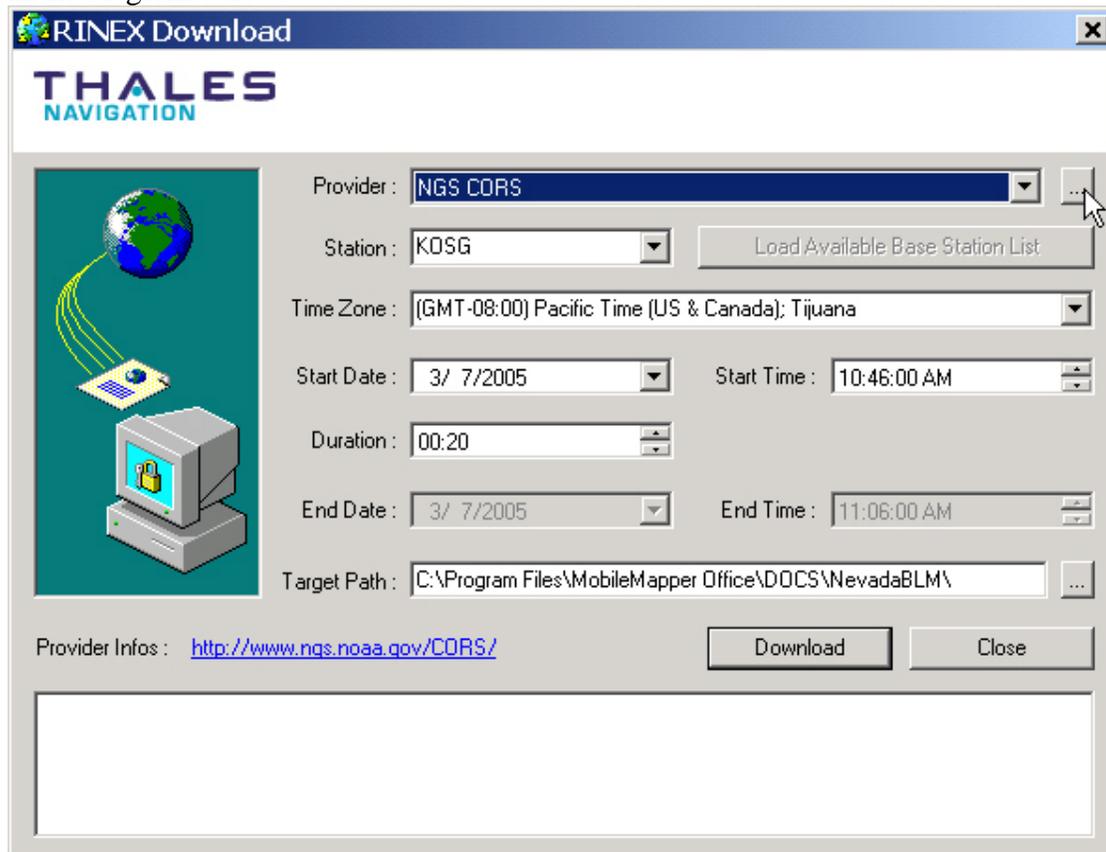
21 February 2007

There are three requirements for adding a RINEX provider in MobileMapper Office (MMO). First, the reference station data must be available as individual files listed on an ftp site. MMO cannot access data available from Worldwide Web pages, although it is possible to manually download such files for post-processing. Second, the data files must be named according to certain conventions. Third, the reference station data must be in RINEX 1 format. Although MMO can use either RINEX 1 or RINEX 2 data for differential correction, the RINEX Download utility currently supports only RINEX 1.

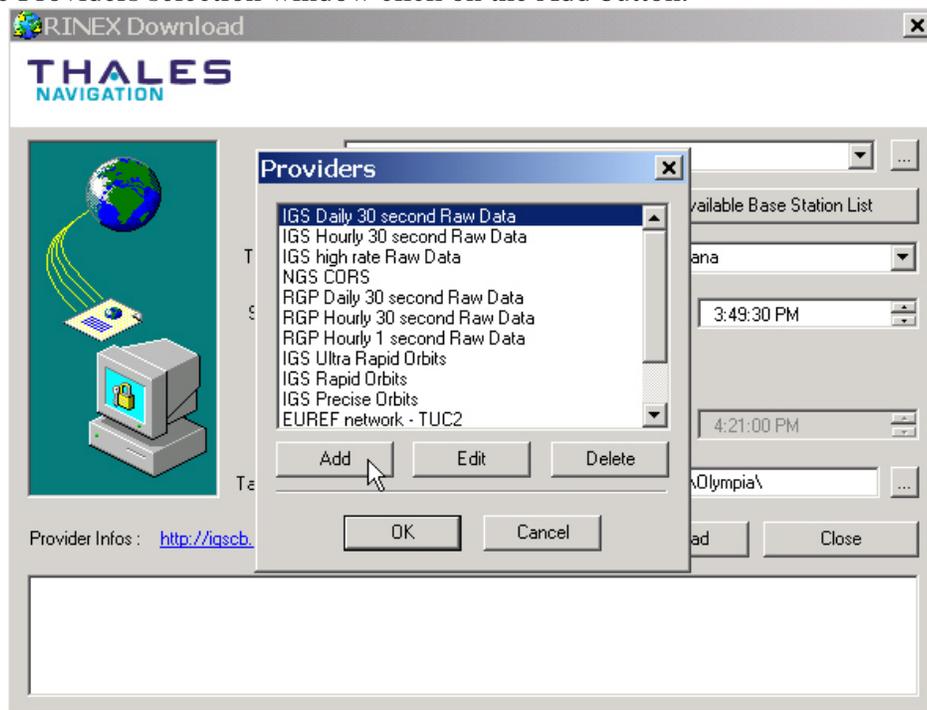
1. Click on the Download Reference Station icon on the Differential Correction tool bar.



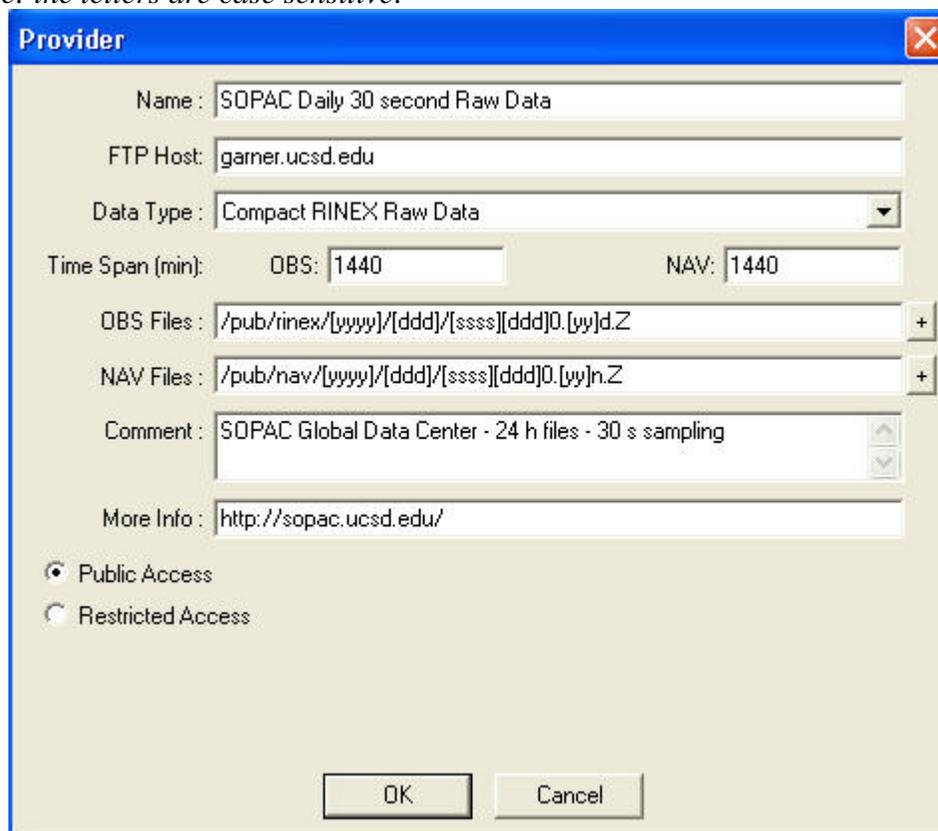
2. On the RINEX Download window, click on the small tab with three dots in it as seen in the diagram below.



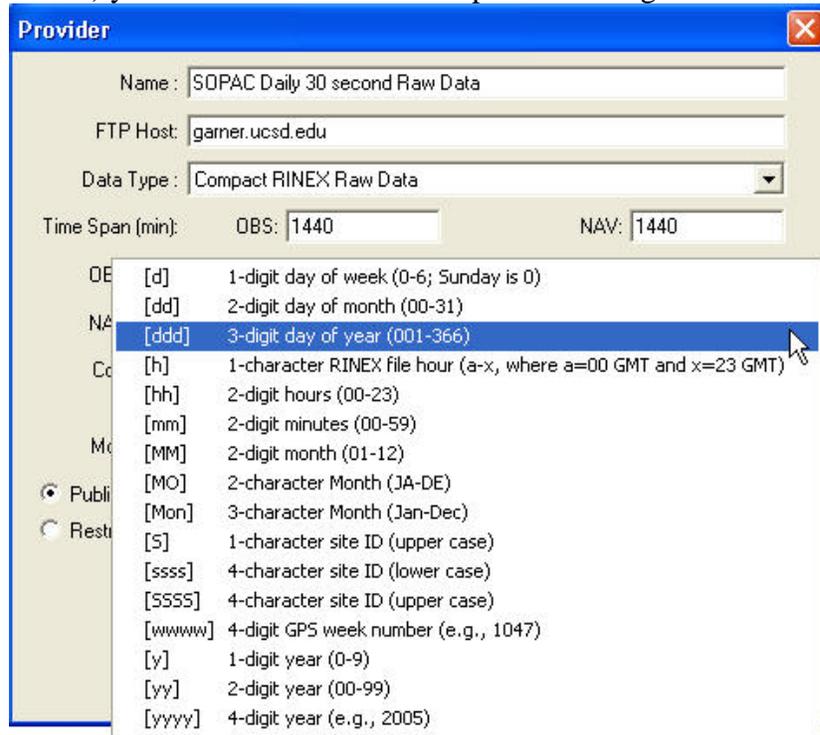
- On the Providers selection window click on the Add button.



- Fill out the Provider Properties window with the information in the diagram below.
Note: the letters are case sensitive.



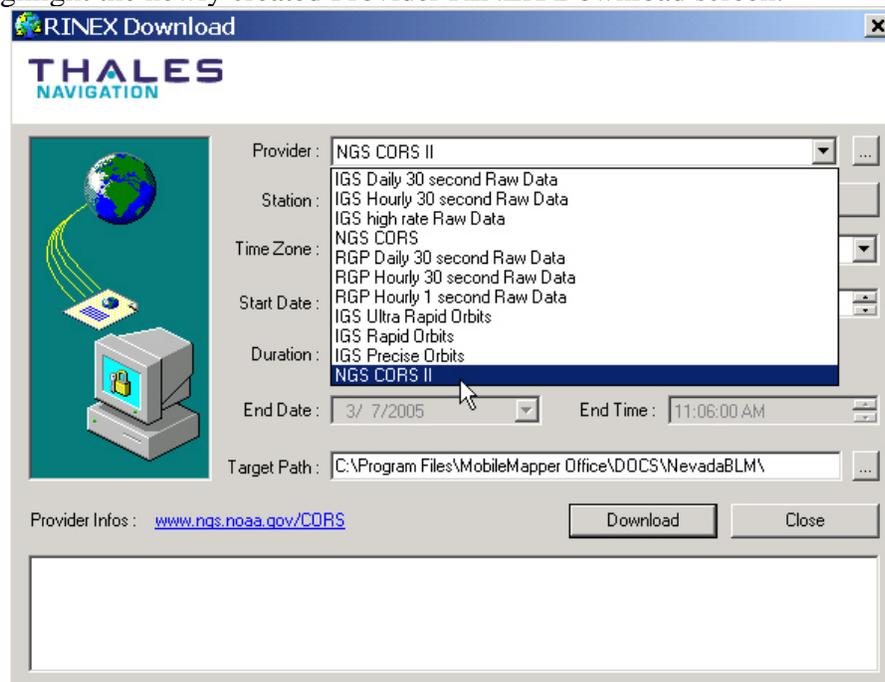
By clicking the button with the plus sign (located to the right of the **OBS Files** and **NAV Files** fields) you can select from a list of possible strings.



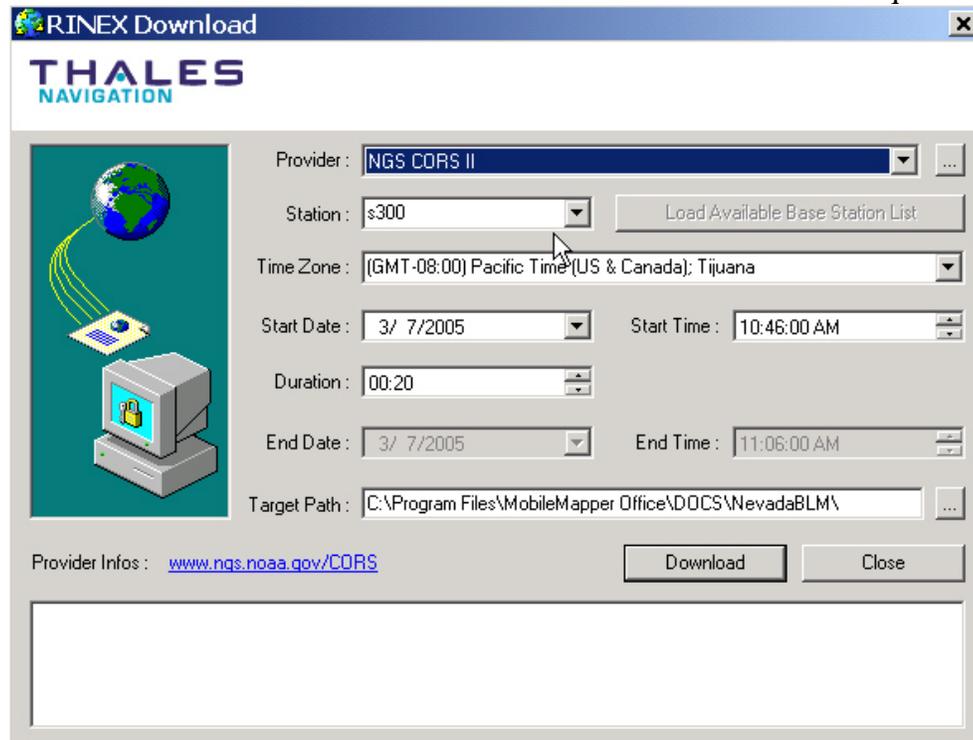
When you are done, click **OK** at the bottom of the Provider screen.

Note: if the OBS and NAV files are bundled in the same file on the Provider's ftp site, leave the NAV field blank.

- Now highlight the newly created Provider RINEX Download screen.



6. After you fill out the Provider info dialog box, click **OK**. Then you must also type in the station name in the **Station** field on the **RINEX Download** page (see below). You can then click the **Download** button and MMO will download the required files.



The screenshot shows the 'RINEX Download' dialog box from Thales Navigation. The window title is 'RINEX Download'. The Thales Navigation logo is in the top left. On the left side, there is a graphic of a globe with lines connecting to a computer monitor. The main area contains several fields and buttons:

- Provider:** A dropdown menu set to 'NGS CORS II' with a browse button '...' to its right.
- Station:** A dropdown menu set to 's300' with a 'Load Available Base Station List' button to its right.
- Time Zone:** A dropdown menu set to '(GMT-08:00) Pacific Time (US & Canada); Tijuana'.
- Start Date:** A dropdown menu set to '3/ 7/2005'.
- Start Time:** A time selection field set to '10:46:00 AM'.
- Duration:** A spinner box set to '00:20'.
- End Date:** A dropdown menu set to '3/ 7/2005'.
- End Time:** A time selection field set to '11:06:00 AM'.
- Target Path:** A text field containing 'C:\Program Files\MobileMapper Office\DOCS\NevadaBLM\' with a browse button '...' to its right.
- Provider Infos:** A label with the URL www.ngs.noaa.gov/CORS.
- Buttons:** 'Download' and 'Close' buttons are located at the bottom right.

At the bottom of the dialog box is a large empty rectangular area.