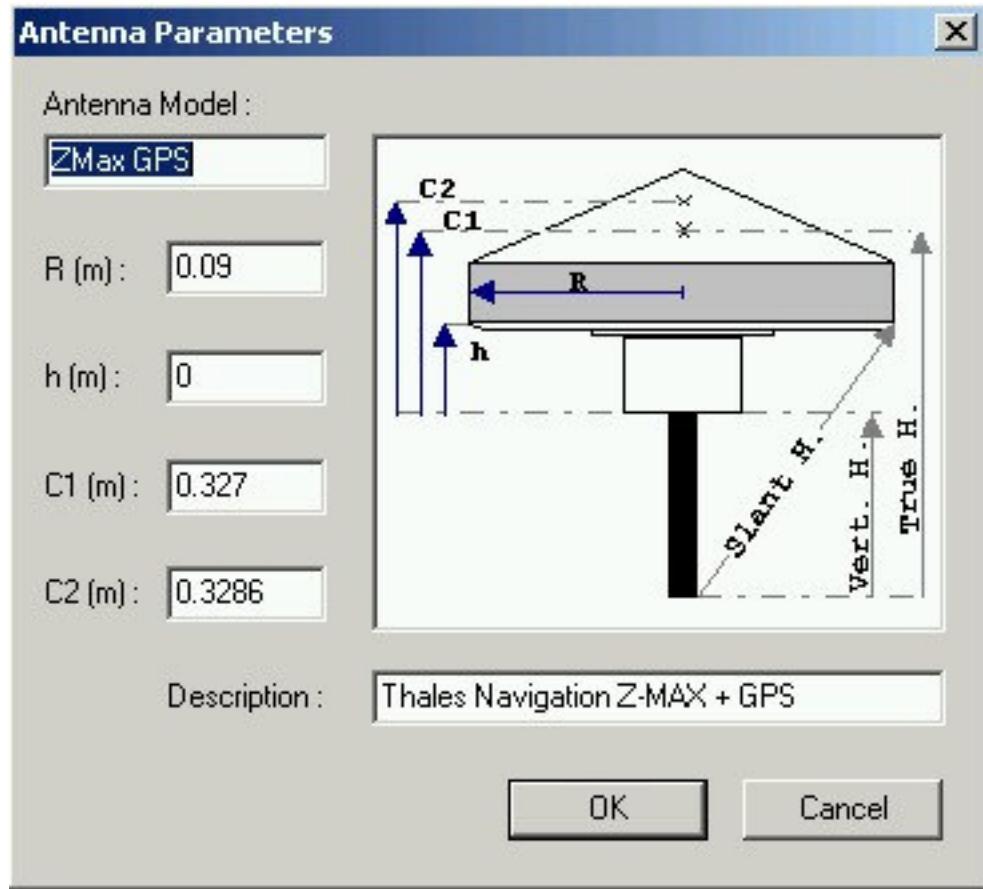


## ZMax antenna updates in GNSS Studio

The National Geodetic Survey has completed testing of the ZMax antenna. The antenna parameters in GNSS Studio can be easily modified to match the NGS configuration.

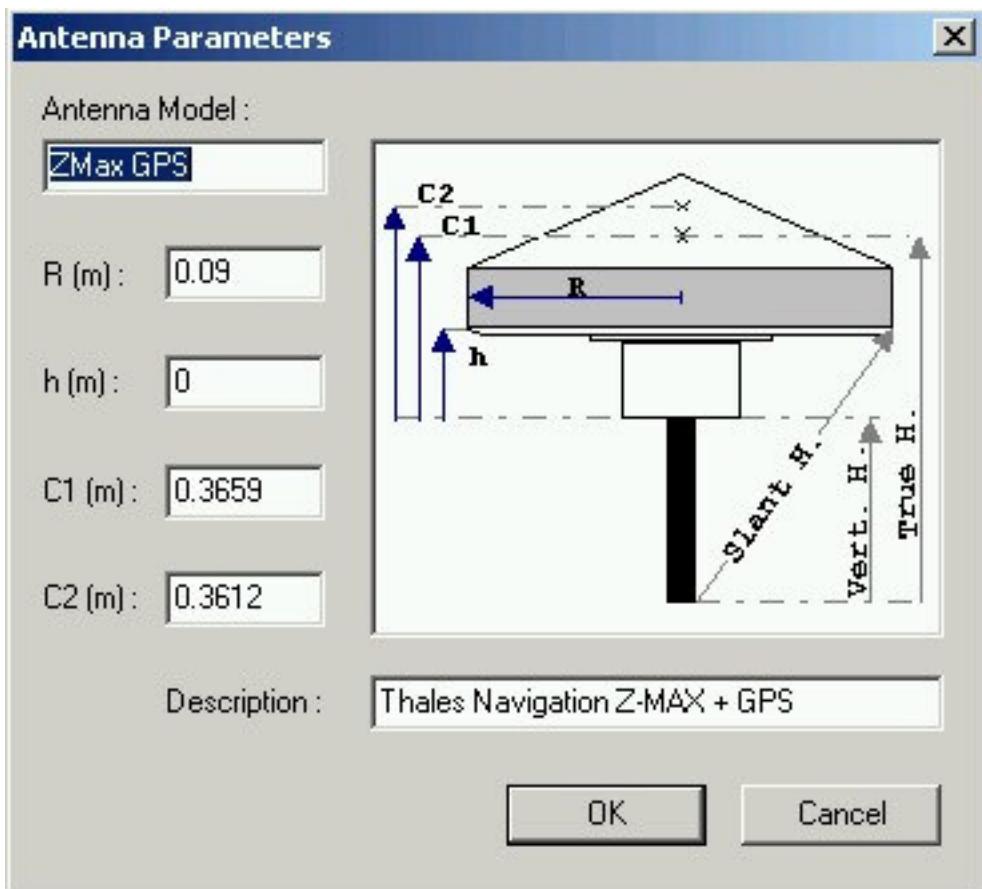
From the Tools menu in GNSS Studio, select GNSS Antenna to open the dialog box. For the first example select ZMax GPS. Click on the edit button in the upper right corner of the antenna dialog box.

You should see the following Antenna Parameters screen:



Screen shot 1: GNSS Studio ZMax GPS Antenna Parameters

To match the NGS parameters change the numbers in the C1 and C2 boxes as shown:



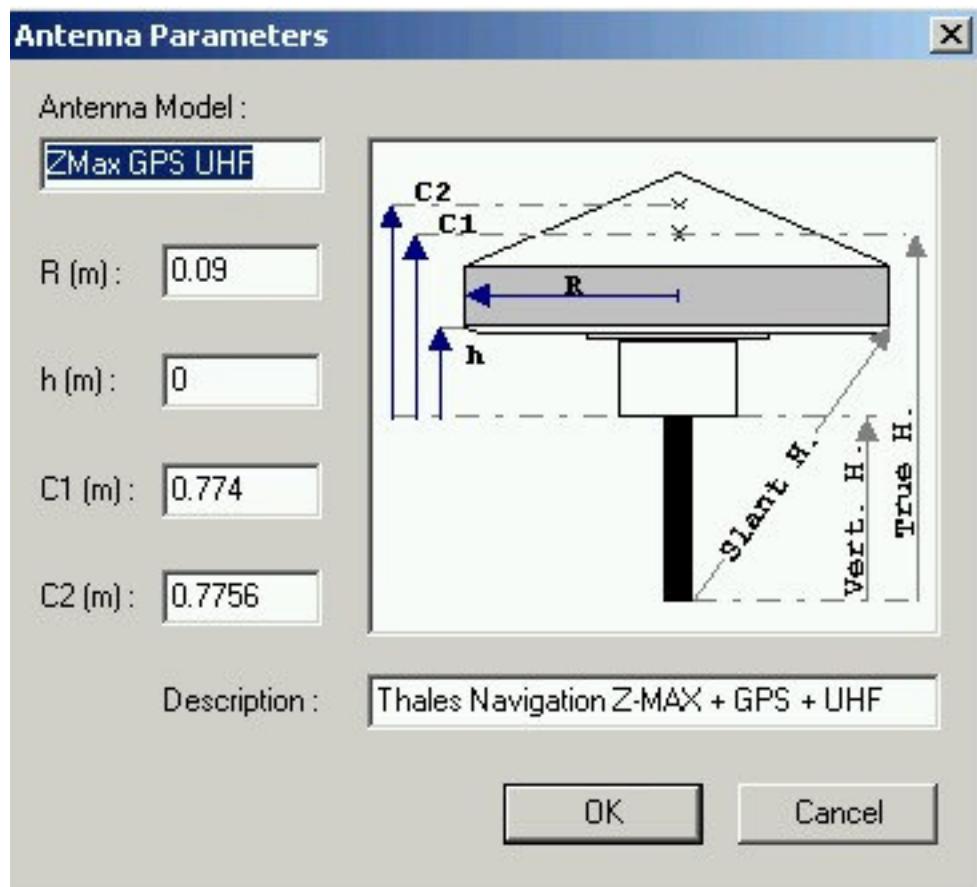
**Screen shot 2: GNSS Studio ZMax Antenna Parameters modified to match the (centimeters to meters) NGS Parameters**

Click OK.

Close the GNSS Antenna dialog box or proceed to the next page to modify the ZMax GPS UHF model.

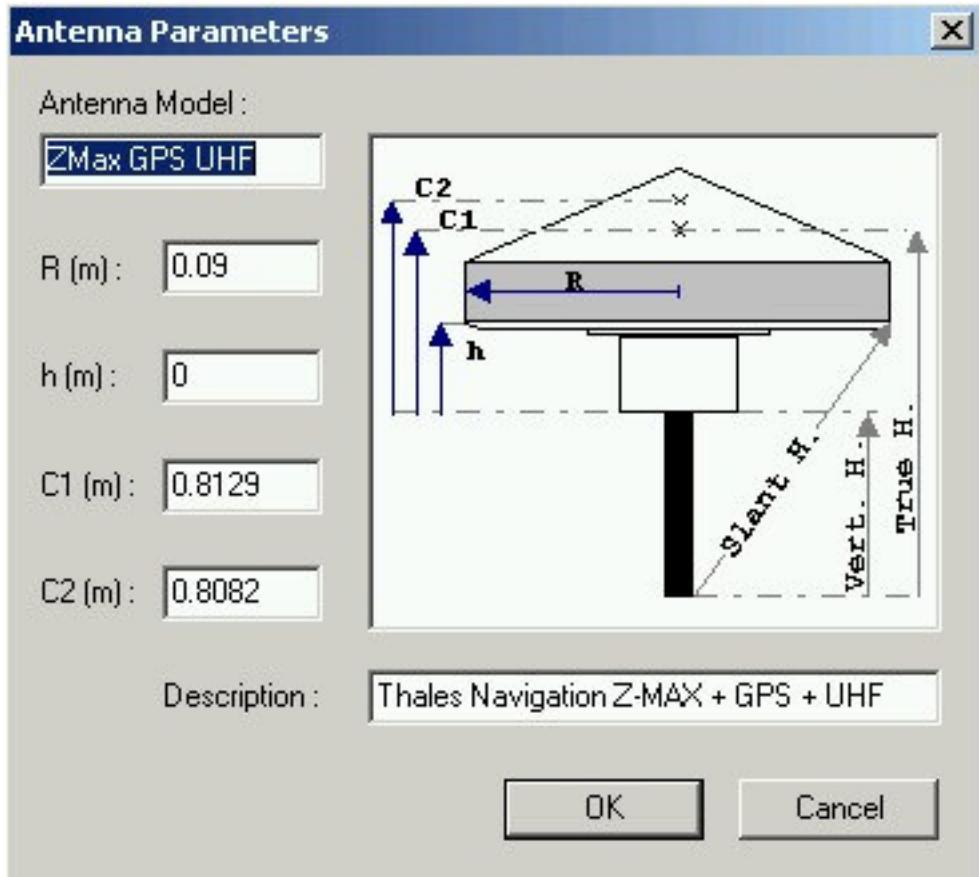
To modify the **ZMax GPS UHF** Parameters select ZMax GPS UHF. Click on the edit button in the upper right corner of the antenna dialog box.

You should see the following Antenna Parameters screen:



Screen shot 3: GNSS Studio ZMax GPS UHF Antenna Parameters

To match the NGS parameters change the numbers in the C1 and C2 boxes as shown:



Screen shot 4: GNSS Studio ZMax UHF Antenna Parameters modified to match the (centimeters to meters with adjustment for UHF) NGS Parameters

Click OK.

Close the GNSS Antenna dialog box.

For more information about antenna calibration at the NGS see their web page.

<http://www.ngs.noaa.gov/ANTCAL/>

Phil Stevenson  
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