

Using the Z-Max with Ashtech Solutions 2.7

The National Geodetic Survey has completed testing of the Z-Max antenna. We can create or modify the appropriate antenna parameters in Ashtech Solutions.

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

The Ashtech Solutions manual is available from the reference manuals folder on the ftp server at

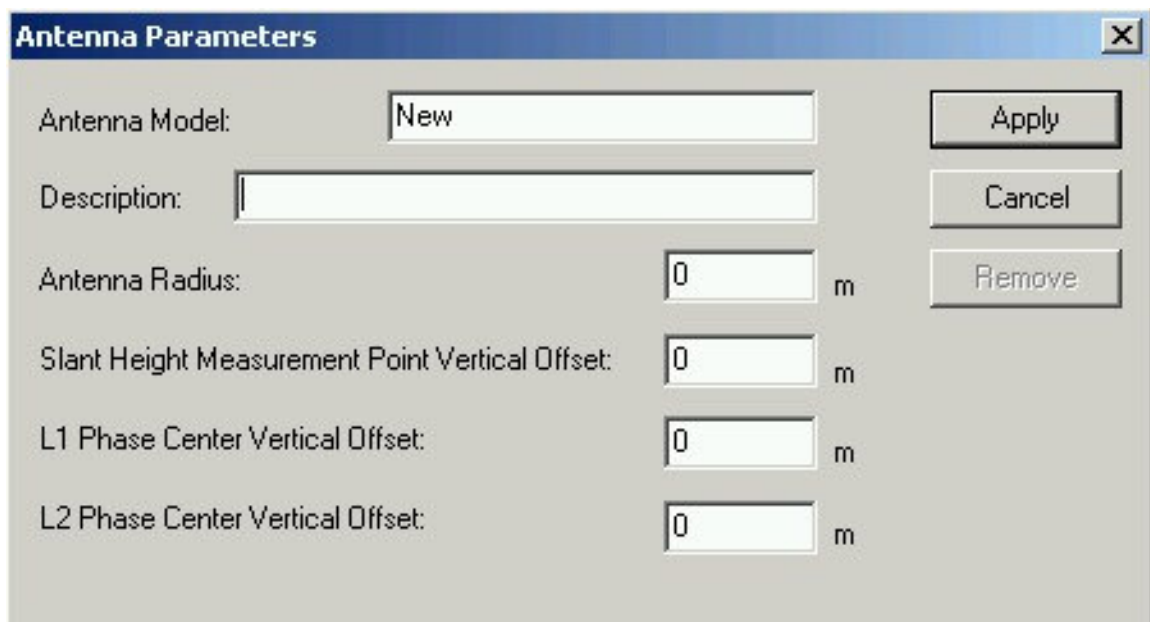
<ftp://ftp.thalesnavigation.com>

Find the instructions for

Creating a New Antenna Type

beginning on page 58 of the manual.

The following screen shots will let you create appropriate antenna types for the Z-Max.



Antenna Parameters

Antenna Model:

Description:

Antenna Radius: m

Slant Height Measurement Point Vertical Offset: m

L1 Phase Center Vertical Offset: m

L2 Phase Center Vertical Offset: m

Buttons: Apply, Cancel, Remove

Antenna Parameters [X]

Antenna Model: ZMax+GPS [Apply]

Description: Short ZMax 0.327 [Cancel]

Antenna Radius: 0.0900 m [Remove]

Slant Height Measurement Point Vertical Offset: 0 m

L1 Phase Center Vertical Offset: 0.3659 m

L2 Phase Center Vertical Offset: 0.3612 m

Antenna Parameters [X]

Antenna Model: ZMax+GPS+UHF vortex [Apply]

Description: Tall ZMax .774 [Cancel]

Antenna Radius: 0.0900 m [Remove]

Slant Height Measurement Point Vertical Offset: 0 m

L1 Phase Center Vertical Offset: 0.8129 m

L2 Phase Center Vertical Offset: 0.8082 m

For additional questions please take advantage of the web page at

<http://products.thalesnavigation.com/en/support/request.asp>

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