What's in the Package?

Mountain High Maps   is published as a set of 2 CD-ROM discs, and is available for use on computers running Microsoft Windows™ or the Macintosh™ Operating System.

Land/ocean floor relief   Land relief only

FreeHand file   Illustrator file

PICT files

Individual country masks

On this disc you will find:

• A sample map of Greece in TIFF, PICT, FreeHand, and Illustrator formats.

• Hints & Tips files containing advice on using the maps with some of the most popular applications.

• View Catalog. Before launching the Catalog, make sure your monitor is set to 256 colors or less (you can set this in the "Monitors" Control Panel). The Catalog will still run if your monitor is set to more than 256 colors, but it may be slow.

The 2-disc Mountain High Maps collection contains:

1. 74 high-resolution (300ppi), grayscale TIFF maps with a variety of bitmap masks, also in TIFF format. The high resolution maps are all identified by the suffix ".TIFF" (e.g. "5.08 Greece-base.TIFF"). The grayscale maps feature ocean floor relief as well as land relief. These are identified as follows:

Number: each map and all masks relating to that map are prefixed by a number (e.g. "5.08 Greece").

Base relief maps (land and ocean floor relief): "base.JPEG" (e.g. "5.08 Greece-base.JPEG"). The base relief maps also contain Photoshop paths featuring country borders, state borders, rivers, country, state and river names, graticules (lines of latitude and longitude), towns and cities, scales, and coastlines.

Masked relief maps (with white ocean areas): "mkd.TIFF" (e.g. "5.08 Greece-mkd.TIFF").

Bitmap masks: these are identified by their purpose (e.g. "5.08 Ocean.TIFF").

2. 39 high-resolution (300ppi), grayscale TIFF globe views with corresponding ocean/land bitmap masks, also in TIFF format.

3. 21 full color, high-resolution (300ppi) relief maps, selected from the grayscale maps.

4. Low-resolution (72ppi) versions of all of the TIFF files, but in PICT format.   These are identified by the suffix ".PICT"

5. Corresponding outline versions of the grayscale maps (not globe views) in Macromedia FreeHand format (version 3.1 or later).   These are identified by the suffix ".fh3"

6. Corresponding outline versions of the grayscale maps (not globe views) in Adobe Illustrator eps format (version 5.0 or later).   These are identified by the suffix ".art"

7. 38 animated globes in QuickTime® format, plus the Strata Vision 3d™ files and supporting texture maps used to create them.

8. View Catalog containing useful technical information about the maps. This appears on Disc 1.

9. Hints & Tips files containing advice on using the maps with some of the most popular applications. These appear on both Disc 1 and Disc 2.

10. A selection of chevron arrows in FreeHand and Illustrator formats, for adding graphically dramatic flow lines to your maps.

The FreeHand and Illustrator file formats provide fully-editable outlines of each map, with each country placed on a separate layer for easy location and editing. Additional layers include rivers, major cities, graticules (lines of latitude and longitude), and scales. The FreeHand files also include a layer onto which the corresponding relief map TIFF file has been placed. The Illustrator files can be placed directly into any word-processing or page layout application which accepts the EPS file format (FreeHand files can also be placed, but they must first be converted to EPS format within FreeHand).

The TIFF images are best used with image-editing applications such as Adobe Photoshop, but they can also be used within page layout and drawing applications, where color can be applied directly.

Using the maps
The Mountain High Maps TIFF and PICT formats can be used either on their own, or with the Illustrator or FreeHand files.
Note: Unless you have version 6.0 of Illustrator, TIFF images must first be converted to EPS format before they can be placed within Illustrator.

his map combines a FreeHand file (for the coastline, country borders, rivers, cities, and graticules), a TIFF grayscale relief map image (for the land area, cloned and re-colored to highlight a country), and its corresponding TIFF mask (for the sea area).

End of Chapter 3