

# INSTALLATION GUIDE



**NOAA Coastal Services Center**  
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

## Electronic Navigational Chart Handler

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### **ENC Handler Extension for ArcView 3.x**

The Electronic Navigational Chart (ENC) Handler extension for ArcView 3.x provides automated functions that include creating views, adding groups of shapefiles, applying symbols, and arranging themes in the table of contents. All these functions are accessible through an easy-to-use graphical user interface.

### **ENC Handler Extension for ArcGIS 8.3 / 9.x**

The ENC Handler extension for ArcGIS was created by the NOAA Coastal Services Center. This extension imports ENC data into defined geodatabase feature classes based on ESRI's S-57 data model, assigns nautical chart symbology to each feature class, and removes extraneous data layers that do not contain information. The necessary steps for processing ENCs from their raw format into an ArcGIS personal geodatabase are detailed in a tutorial that is packaged with the extension.

ENCs are available for various geographic regions from the Office of Coast Survey at [www.nauticalcharts.noaa.gov/mcd/enc](http://www.nauticalcharts.noaa.gov/mcd/enc). Follow the links to ENCs.

Download the ENC Handler extension for ArcGIS (see "Get It Now" at [www.csc.noaa.gov/digitalcoast/tools/enchandler](http://www.csc.noaa.gov/digitalcoast/tools/enchandler)) and double-click on the **ENC\_GDB.exe** file to begin the installation. The necessary steps to install and run this extension are given in the **ENC\_Tutorial.pdf**, which can be found in the C:/Program Files/ENC\_DATA directory. Follow the directions in the tutorial.

Please note that the ENC Handler extension for ArcGIS will not function properly in versions prior to ArcGIS 8.3.