

INSTALLATION GUIDE



NOAA Coastal Services Center
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NOAA Raster Nautical Chart Reprojector

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NOAA Raster Nautical Chart Reprojector Tool Download

The Chart Reprojector is a stand-alone executable program that works with BSB format files (*.kap files, version 3 and earlier). The executable and support files are zipped for faster downloading (a free unzip program is available from info-zip at www.info-zip.org/pub/infzip/Info-ZIP.html). If your browser doesn't recognize the file as something to save to disk and tries to display it, then manually choose "Save As" after it has downloaded.

Installation and Use

For the Windows version, simply unzip the file and run the setup.exe program. If you start the program by clicking on its icon, the graphical user interface will appear. You may also run the program from the command prompt. If no arguments are given on the command line, the graphical user interface will appear; otherwise the text interface will appear. Batch processing can be accomplished by using the command line with arguments (see the ReprojectorUsage.html file included in the downloaded zip file for details).

For the UNIX and Linux systems, unzip the file and put the executable file somewhere in your PATH. You may want to rename the program to something more manageable for typing. UNIX users will need to make the file executable with the following command:

chmod +x programname (with the appropriate name for programname)

To execute the program, the same instructions apply as for Windows above.

The output file will be in BSB or TIFF format, but with a user-specified projection. BSB output may be read into ArcView 3.x, ArcGIS 8x or 9x, or Imagine 8 using NOAA's Chart Viewer (www.csc.noaa.gov/digitalcoast/tools/chartviewer). More recent versions of ArcGIS can read BSB format natively, although you may have to set the projection manually. TIFF format output can be read into most packages that can handle images, including geospatial programs. A TIFF world file is provided with the georeferencing information, although the projection information is not.