

Using ENC Charts in HYPACK®

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ENC (Electronic Navigational Charts) provide a convenient way to display navigation information directly within HYPACK®. Using the built-in ENC download feature, users can quickly locate and download charts covering their project area for use as background reference layers during survey and dredging operations.

Article Keywords:

- ENC Charts
- HYPACK Background Files

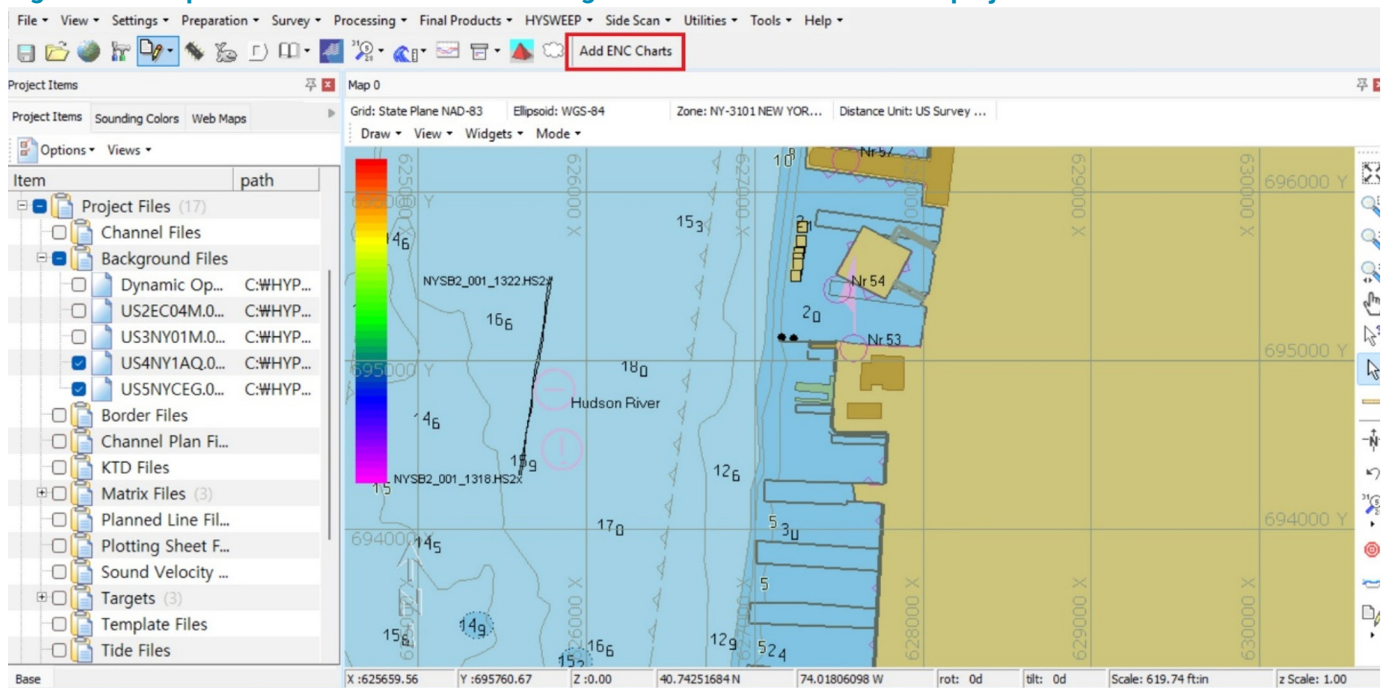
Step 1: Open or Create a Project

Open an existing HYPACK® project or create a new project. Before downloading ENC charts, verify that the project geodesy settings are configured correctly. HYPACK® uses the project location and coordinate system to determine which ENC charts are available for download.

Step 2: Load a File in the Project Area

Load a file that places the map in the desired project location. This may be a survey line file, border file, or any other project file that defines the work area.

Figure 1. Example of ENC charts loaded as background files within a HYPACK® project.



Step 3: Download ENC Charts

From the HYPACK Shell, click the [Add ENC Charts] button. HYPACK® will search for available ENC charts covering the current map extent and project location.

Select the desired charts and download them. Once downloaded, the charts will automatically be added to the Background Files folder and displayed in the map window.

Tip

If no charts are found, verify:

- Project geodesy settings
- Current map location
- Internet connection

Common Uses for ENC Charts

ENC charts can be used for:

- Navigation awareness
- Survey planning
- Dredging projects
- Channel reference
- Displaying navigation aids
- General project visualization