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Visual Geodesy in the Project Wizard

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The PROJECT WIZARD now has an alternative and simpler way of setting up geodetic parameters when you are using UTM Grids; it is called “Visual Geodesy”. This interface allows you to set up geodesy with just a click on a map!

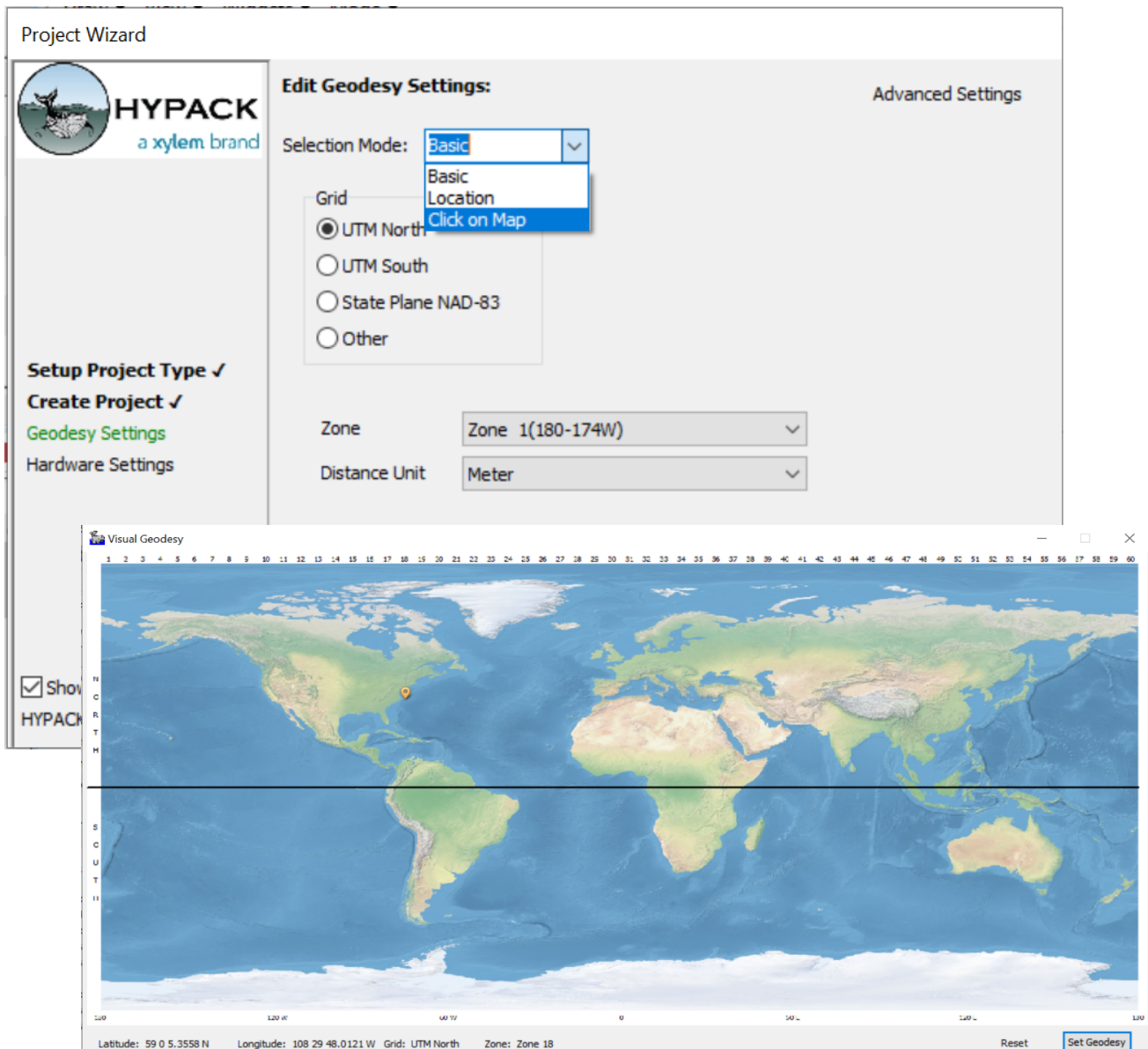
To set up geodetic parameters using Visual Geodesy follow these simple steps:

1. **Open the Project Wizard.** Project Wizard generally pops up when HYPACK starts. If it is disabled, Project Wizard can be opened by clicking on File-> Project Wizard.
2. **Select “Create New Project” and click [Next].** This will take you to the new project creation page.
3. **Give a project name and click [Next].** In this example, I have named the project “Visual Geodesy” (Figure 2). Next is the geodesy page.

Creating a New Project (left) Named Visual Geodesy (right) in the Project Wizard

The image displays two side-by-side screenshots of the HYPACK Project Wizard interface. The left screenshot shows the 'Welcome to Project Wizard!' screen. It features a sidebar on the left with the HYPACK logo and a list of options: 'Setup Project Type' (highlighted in green), 'Create Project', 'Geodesy Settings', and 'Hardware Settings'. The main area has a 'Please select an option to begin:' section with three radio buttons: 'Create New Project' (selected), 'Load Existing', and 'Copy Existing'. At the bottom, there is a checkbox for 'Show on startup' and a link for 'HYPACK Help'. The right screenshot shows the 'Please enter New Project Name and select location to begin:' screen. It has a text input field for 'New Project Name' containing 'Visual Geodesy' and a dropdown menu for 'New Project Location' set to 'HYPACK 2021'. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons. Both screenshots include the HYPACK logo and a sidebar with the same menu structure as the first screenshot.

4. **On the Geodesy page, select Click on Map in the Selection Mode drop-down.** This opens the World Map where you can click on the area to set up your geodetic parameters. You can see the Lat-Long value on the bottom of the window along with grid area and zone information.



5. **On World map, click the location where will you be doing your survey.** You can see the geographic information (Lat/Long, Grid and Zone) in the status bar.
6. **When the information is correct for your project, click [Set Geodesy].** This will take you back in the geodesy page in the Project Wizard, and you can see the updated geodesy settings.

NOTE: Once you set your geodesy using map and return to the Project Wizard page, the option to change the grid will be locked. If you need to change the settings, you can either click the Show Map link or select the Basic Selection Mode.

7. **When you are done with Geodesy settings, click [Next],**
8. **Setup your hardware and click [Launch].**

You have created the project and setup your geodesy with just click on a map.