



PCI Customer GPS “Cheat Sheet”

LOWRANCE HDS Gen3

Do not rely on GPS units as your primary source of navigation. These tips are provided for your own fun and are not to be used for navigational purposes. Use this data at your own risk!



= Menu



= Exit



= Pages

Setting up your new GPS- Use these settings for racing and making trails

Map Orientation: Make sure your *Map Orientation* is set to “Heading up.” **Menu**, Select **Chart Options**, Select **Orientation**, make sure **Heading Up** is selected, press **Enter**. While still in *Chart options*, turn the “**Look Ahead**” feature **on**. Turn the **3D off**. Imagery will change to 2D. Also in *Chart options*, under *Presentation*, turn **off shaded relief**. *Chart Source* should be set to “**Lowrance**”. *Overlay* should be **off**.

Overlay Data: The GPS already comes from the factory with Speed over ground (SOG) in the top left hand corner as display data. To add and change data, press **Power**, Select **Edit Overlay**. It will take you back to the map screen, press **Add** to add another item. Make sure you press **Save** when done. Other commonly used items are **Trip Distance**, **Local Time** and **Supply Voltage**.

System Settings: Press **Pages** once, Select **Settings** (left column), make sure you are on the **Systems tab**, Select **Advanced**, Select **User Interface**, **Auto hide menu off**, Make sure **ALL Features** is turned **off**. **Sonar off**, **Structure off**, **Audio Server Shutdown off**, **Auto Pilot off** (the unit will restart to complete this task).

Range Rings help to determine distance, we recommend **Range Rings**. Select **Pages**, Select **Settings**, Select **Chart**, Turn **Range Rings** to the **on** position. Exit back out to the Map screen and **ZOUT** or **ZIN** (notice the range ring measurement key at the bottom of the screen). Exit back out to the map screen, press menu **once**, make sure **Overlay** is **off**.

Turning on the External Antenna

The HDS comes with an internal antenna, but you may need an external antenna depending on GPS location. Select **Pages**, Select **Settings**, Select **Network**, select **Data Sources**, Select **GPS**, Select **All Data (Global)**. Find **Point-1 [serial #]** – Make sure this one is selected with the orange check. *In this screen, you should not have a “**Vessel**” option. If you do, you did not buy your GPS Antenna from PCI. Open up vessel and make sure all options are **off**.

Remove old data from your GPS

Pages, Down to **Files**, (this may be tricky to find, it's on the left and you have to use the touch screen to scroll down) Select **Files**. Highlight **Waypoints, Routes and Trails**, Press **Menu**, Select **Delete All**.

Load Data (IMPORT) from a chip to your GPS

If you have the file on your computer (or sanctioning body website) you will first need to save it to an SD MMC card. The HDS units can accept no larger than an 8GB chip. Place the card in any open drive in your GPS. **Pages**, down to **Files**, (this may be tricky to find, it's on the left and you have to use the touch screen to scroll down) Select **Files**, highlight the SD Card, find the file, press **Menu**, Select **Import**. Always turn your Junk/Race trail to **RECORD**. *If you set one of our trails to record, you will overwrite them!* If the file you imported was not a PCI Hi Def course and it didn't contain a “junk” trail, make one!

Trail Colors

Make different trails different colors so you can navigate faster! This is extremely helpful with courses that have chase roads and highways. Make your race courses one color and your chase roads another.

Pages, select **Waypoints**. Select the **Trails** Tab, Select the trail you wish to change, Press **Enter**. PCI recommends Light Green for Highways and Chase Roads, and Light Red or Light Blue for the race course.

Adding your own Waypoints

1. Press **WPT/Find** or **Enter** to create a waypoint at your current position. Or, place the cursor on the chart page where you want to set the waypoint. You can change the name, color and icon and alarm radius in this screen. Select **Save** to keep it! To delete, place crosshairs over a waypoint and press **enter** to open up the options.

Adding your own lines/Trails

Follow these instructions if you are plotting a course you want to save. Always start with an empty GPS, see 'remove data from GPS.'

Create a new trail. Do this when you are physically at the beginning of the trail you wish to plot. **Pages**, select **Waypoints, routes, trails**. Right to **Trails**, press **Menu**, select **New, Enter**.

Rename the file to the desired name with cursor, **Enter**. **Exit** back out to the map screen. Drive the line/trail you want to make. Before you leave the course, stop moving and set the junk trail to **record** so you do not add lines where you do not want them.

Tips for Making Trails (prerunning)

Each trail only holds a maximum of 20,000 points. While prerunning, check back to the 'Trails' tab and make sure you have plenty of points remaining. If you exceed 18,000 points, find a landmark/town of some sort and make a new trail at that point. We usually call the new trail the landmark you are at.

Tips for Race Day:

- To get back to the MAP screen if you are somewhere else: Press **PAGES**, then go to the **Chart** (all the way at the top) press **Enter**. Or exit.
- If you have crosshairs in your screen, you are looking somewhere else than your current position. To see your current position, press **exit**.
- By making your 'junk' trail a different color than your recorded race trail, you can see different lines you have taken. This can be helpful during a lap race.
- Reset your trip distance so your maximum speed and trip distance calculators are at zero. **Pages**, Right to **Settings**, Down to **Trip Calculator**, **Enter**. To the right, **Reset All**.
- The odometer will never reset, it measures the life of the GPS. Make sure if you are looking for race miles on the overlay data or customized data on the left side of the screen that you select 'trip distance.' You can reset this with the above step.
- To turn on Waypoint Radius Alarms, Press **Pages, Alarms, Settings, Enter**. Down to **Waypoint Radius**, **Enter** to make blue. Each WPT you want to set an alarm, needs to be individually set in the WPT itself.

Check For Software

Lowrance is constantly updating the new HDS units, so check at www.lowrance.com for updates. Select the Downloads option from the menu bar, then select Product Software Updates.

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