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## PCI CUSTOMER HDS LOWRANCE GPS "CHEAT SHEET"

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

### SETTING UP YOUR NEW GPS

Use these settings for racing and making trails.

1. **Map Orientation.** Make sure your Map Orientation is set to "Heading up." **Menu**, Select **Chart Options**, **Select Orientation**, down to **Heading Up**, press **Enter**. **Exit**. This sub menu is also where you can turn off the shaded relief and turn it to the standard 2D map and also use the Look Ahead feature. (shows more map in front of you instead of being in the center.
2. **Range Rings and Zoom.** To help determine distance, we recommend Range Rings. **Menu**, **Menu**, **Chart**, down to **Range Rings** and press **Enter** to make the circle Blue. Exit back out to the Map screen and **ZOUT** until the Range Rings show .25 mi and you have two of them in the screen. (From the cursor to the top of the screen will be ½ a mile.). This is the most common setting for off road racing.
3. **Overlay Data.** The GPS already comes from the factory with Speed over ground in the top left hand corner as display data. To add and change data, press **Pages**, **Menu**, Select **Edit Overlay Data**. It will take you back to the map screen, now press **Menu** to configure the currently selected Data (outlined in Blue) or **Add** to add another item. Make sure you press **Save** when done. Other commonly used items are Trip Distance, Trip Time, Local Time and Internal Voltage.

### TURNING ON THE EXTERNAL ANTENNA

The HDS comes with an internal antenna, but you may need an external antenna depending on GPS location.

1. **Menu**, **Menu**, select **Network**, select **Data Sources**, Select **GPS**, Select **All Data (Global)**. Find LGC-3000 or LGC-4000 [serialnumber] – Make sure this one is selected with the blue circle.

### HOW TO REMOVE OLD DATA FROM YOUR GPS

1. **Pages**, Right to **Settings**, select **Waypoints, routes, trails**. Select the **Waypoints** Tab, Press **Menu**, Select **Delete All**. Go to the **Trails** tab and do the same.

### HOW TO LOAD DATA (IMPORT) FROM A CARD TO YOUR GPS

1. 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 a 2GB chip.
2. Place the card in any open drive in your GPS.
3. **Pages**, Right to **settings**, select **Files**, Select **Memory Card**, highlight the file you wish to import, press **Menu**, **Import**.
4. 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! **Pages**, right to settings, **Waypoints, routes and Trails**, **Enter**. Right to trails, **Menu**, **New**.

### HOW TO SAVE DATA (EXPORT) TO A CARD FROM YOUR GPS

This is how you can move your prerun notes from your prerunner to other vehicles.

1. **Pages**, Right to **settings**, select **Files**, Highlight **Waypoints, Routes, and Trails**, press **Menu**, Select **Export**. Under **File Formats**, Select **User data file version 2 (no depth)** so it is compatible with all GPS units, press **enter**.
2. You are sending ALL data on the GPS; this is why it's important to start with an 'empty' GPS.

## 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!
2. Place crosshairs over a waypoint and press **enter** to open up the options or delete it.

## 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.'

1. Create a new trail. Do this when you are physically at the beginning of the trail you wish to plot. **Pages**, Right to **Settings**, 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 make the junk/race trail active so you do not add lines where you do not want them.
2. Make different trails different colors so you can navigate faster! This is extremely helpful with courses that have chase roads and highways. **Pages**, Right to **Settings**, select **Waypoints, routes, trails**. Right to **Trails**, select the trail you want to change, **Enter**. Right to the color option, **enter**. Make sure you **SAVE!**

## TIPS FOR MAKING TRAILS (PRERUNNING):

Start a new trail when on the course you want to record. When you get back to the same point in the loop, go back into trails and start a new trail or make your junk trail active. Always power off your GPS unit at the power button, not ignition or battery switch or you will lose the last few minutes of data written.

## 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**. Down to **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 overlay data by selecting 'trip distance' not the odometer. You can reset the trip distance this with the above step.
- To turn on Waypoint Radius Alarms, Press Menu, Menu, 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 these new HDS units, so check at [www.lowrance.com](http://www.lowrance.com) for updates. Select the Downloads option from the grey menu bar, then select Products Software Updates.

