Troubleshooting Navionics Charts in Lowrance HDS Plotters

Units with SONAR/RADAR/SOUNDER/FISHFINDER must be set to FULL MAP to read the Navionics charts. (Once the Navionics charting information is pulled up you may change to split screen).
1. Press PAGES button once, scroll to MAP and then down to FULL MAP and press ENTER.
2. After the Navionics information is brought up, then a split screen can be accessed.

Steps to bring up the Navionics chart files

1. Press MENU twice, select CHART and press ENTER.
2. Highlight CHART DATA and press ENTER.
3. Select NAVIONICS and press ENTER.

Steps to bring up the software version of the unit

1) Make sure the unit has the most up-to-date software version (to verify what this is visit www.lowrance.com select DOWNLOADS and PRODUCT SOFTWARE UPDATES. Select your GPS unit’s model #).

If your unit requires a software update, please do not use the Navionics chart to download the software or have the Navionics chip inside the unit when the software is being updated as this will corrupt the Navionics chart and render the card useless.
   a. From a chart or sonar page, press the MENU key twice to activate the Settings menu.
   b. Select SYSTEM.
   c. Select ABOUT from the SYSTEM menu.
   d. The software version is displayed with the title "Application".

Some units require a “HOT BOOT” which means that the unit needs to be turned on and once fully booted up the chip can then be placed in the unit.
   a. If the unit has one slot, proceed to the next step.
   b. If the unit has two slots
      i. Drawers with two slots (right & left), the chip should be placed in the right side or slot B.
      ii. Units with two slots vertically (up & down), the chip should be placed in the top slot or slot A.

Steps to turn on the Navionics information

1. To ensure that the Navionics details in the HDS UNIT are turned on:
   a. Press MENU button once.
   b. Select CHART OPTIONS and press ENTER.
   c. Highlight SETTINGS and press ENTER.
   d. Highlight the desired option and press ENTER
      i. SAFETY DEPTH SHADING – allows the shading display of depth areas corresponding to the safety contour desired. Available options:
         a. OFF – no depth shading displayed
         b. OTHER NUMERIC DEPTH VALUES – the areas with depths up to value selected are displayed in shades going from darker blue (for lower depths) to lighter blue (for higher depths). The areas whose depths are over the selected value, and therefore navigable under safety conditions, will be displayed in white. The DRYLINE areas are displayed in green.
ii. **CONTOURS DEPTH** – used to select the display of depth contours. Available options:
   a. 5m: display depth contours up to 5 meters (16 feet)
   b. 10m: display depth contours up to 10 meters (33 feet)
   c. 20m: display depth contours up to 20 meters (66 feet)
   d. ALL: all depth contours are displayed – **RECOMMENDED**

iii. **TEXTURE TYPE** – enables (ON) or disables (OFF) the 3D shading feature. **PHOTO OVERLAY** allows you to enable (FULL) or disable (OFF) the aerial photography overlay chart feature.

iv. **ANNOTATION** – allows you to display “MAIN” names, i.e. city names, only or the “FULL” (RECOMMENDED) set of names on the chart.

v. **PRESENTATION TYPE** – is used for the selection of the symbols and colors of the navigation chart “look and feel”; either US or INTERNATIONAL “paper chart” presentation types can be selected.

vi. **CHART DETAILS** – this menu is used to select which object types and information layers are displayed on-screen.
   Available options:
   a. STANDARD – equivalent to standard display settings as defined in ECS regulations.
   b. ALL (RECOMMENDED) – enables the display of all the object types and information layers on the chart.
   c. USER – allows selection of individual object types and information layers on-screen.

2. To turn on the **3D VIEW**
   a. Press **MENU** button
   b. Select **CHART OPTIONS** and press **ENTER**.
   c. Highlight **VIEW** and press **ENTER**.
   d. Select **3D** and press **ENTER**.
   e. Press **EXIT** twice.

3. To PAN/ROTATE the map:
   a. With **3D** view enabled, press **MENU**.
   b. Select **CAMERA** and press enter.
   c. Select **PAN** or **ROTATE** and press **ENTER**.
   d. Press **EXIT**. Use arrow keys to pan or rotate the map.

4. To enable **PHOTO OVERLAY**
   a. Press **MENU**.
   b. Select **CHART OPTIONS** and press **ENTER**.
   c. Highlight **PHOTO OVERLAY** and press **ENTER**.
   d. Select **ENABLED (LAND ONLY – RECOMMENDED)** and press **ENTER**.
   e. Press **EXIT** twice. Zoom in the screen until the photo overlay appears.