

## Tips and Performance Handout

- **Structure Scan**
- Setup quad panes on HDS-8/10:
- Press pages - right arrow to structure
- Down arrow to structure & Sonar & Chart press enter
  
- **Set up for max performance:**
- Set the left top pane view to look both left/right
- HDS 8&10 Press view button soft key
- HDS 5&7 Press menu, down arrow to view - enter
- Up arrow to left/right - enter
  
- **Change active pane:**
- Hold the pages key down until the orange box moves to the top right box.
- HDS 8&10 Press view button soft key and change to look down.
- HDS 5&7 Press menu - right arrow - down arrow to look down - press enter.
  
- **Change width of panes:**
- Press menu - menu - up arrow to page- right arrow - down arrow to adjust pane - right arrow.
- Hold the right arrow down and adjust the left panes to have  $\frac{3}{4}$  of the screen - press enter.
  
- **Edit overlay data:**
- Press menu- menu - arrow up to page - right arrow- down arrow to edit data- right arrow.
- There is a blue box around the active field to edit, i.e. (Structure depth) - Press Enter and use arrow keys and move data to desired location - and then press exit. Press down arrow key and the blue box will change to the next active field to move, i.e.(Water temp) - Repeat this process on other data to edit or move. When edits or moves are completed, Press Menu- down arrow to Save- Press Enter.
- **Add overlay data to screen:**
- While in edit overlay data press the menu key and down arrow to add - press enter and up arrow to GPS - right arrow and then down arrow to (Speed over ground) press enter. This will add that data to the screen. Repeat this process to add time or any other data as needed.
  
- **Change the size of the overlay data:**
- While the data is active, with the blue box around it, press the Zout or Zin to make the data larger or smaller as needed.

#### **Other optimum settings for use of Structure Scan:**

- Use pallet #6 for best viewing on the structure scan panes only.
- Contrast for pallet #6 is best at 72 to 76%. Pallet #5 works well on Structure Scan with 80% contrast. Pallet #1 or 13 work very well for conventional 2D sonar. Set the ping speed at 18 for good performance. Optimum speeds for the use of Structure Scan technology would be 3 to 10 mph. It can read at higher speeds depending on where the transducer is placed. Use 800khz for looking left/right from 0 - 120 feet. For 120 -300+ feet use 455khz for peak performance.
- To optimize key strokes while Structure Scan panes are active (on HDS 8&10) press the view soft key in the bottom right side of screen and leave the view menu up on the screen while trolling around looking at cover or structure. This will allow you to change the view to all left or right based or where the object would appear on the screen. Then range less as much as possible keeping the object visible; and move the cursor over the object and press Zin. This will shift the object to the center of the screen and zoom it in. **BE SURE TO ZOOM BACK OUT AND GO BACK TO VIEW LEFT/RIGHT menu.**
- **Turn HDS product off and save settings or wpts:**
- Press the power key one short stroke, the menu will come up with the standby mode active (blue box around standby), arrow down to power off and press the enter key. You should turn the product off in this manner every time.

#### **HDS Fishing Mode Settings**

- Transducer "Pre Sets" Shallow water vs. Deep water performance or (General Use)
- "**General Use**" setting is the default setting in HDS products. This setting dictates that the sonar will search from **0 to 2000 feet** of dense water ie salt water.
- "**Shallow Water**" setting applicable for any inland water application. Dictates a minimum search of **0 to 100 feet**; so bottom is not lost and sonar lock on is fast in shallow water.
- "**Fresh Water**" setting applicable to Great Lakes and unit goes into medium range search **0 to 400 feet**.

User needs to understand options and choose the correct setting for their application. Settings can be found under menu- menu- Sonar- Fishing Mode- Enter- Choose Application and press Enter.