HUMMINBIRD

SIMPLY. CLEARLY. BETTER.

HELIX® SERIES
Operations Summary Guide

▶ **SAFETY INFORMATION!** You must read the *Important Information about your Humminbird® Product* insert (included with your control head) before proceeding with this operations summary guide.

▶ **FEATURES:** A transducer is required to enable sonar, and a GPS fix is required to enable navigation. Your control head may not have all the features described in this guide. Also, the illustrations may not look exactly like the screens on your control head, but your unit will operate in a similar way. See our Web site at **humminbird.com** for compatibility and purchasing information.

▶ **SD OR MICROSD CARDS:** Your control head may be compatible with either an SD card or a microSD card. Please see your control head operations manual for compatibility details.

▶ **OPERATIONS MANUALS:** The complete operations manuals for your control head and accessories are available on our Web site at **humminbird.com**. Also, see *Manage your Humminbird: Use Manuals on your Device* for more information.

Table of Contents

KEY FUNCTIONS Overview

POWER/LIGHT key: Press once to power on the control head. During operation, press once to use Sonar, Light, Background, and Standby menus.

Press and hold to power off the control head.

ZOOM In/Out keys: Press once to adjust the zoom range in Sonar Zoom View, the sensitivity in sonar views (Sonar, DI, SI), and the chart scale in Chart Views.

Active Cursor: Press once to zoom in or out of the active cursor area in Side Imaging® and Down Imaging® Views.
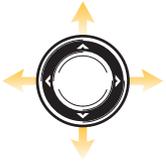
VIEW key: Press once to display the next view in the View Rotation (see *View Rotation Overview*).

Press and hold to open the Views X-Press Menu.

CURSOR CONTROL key: Press once OR press and hold any arrow on the key to freeze the display and move the active cursor in all Sonar and Chart Views.

Press any arrow on the key to browse the menu system, select a menu, and change or activate menu settings (see *Menu Overview*).

MENU key: Press once to open an X-Press Menu.

Press twice to open the Main Menu (see *Menu Overview*).

CHECK/INFO key: Press once to open the Chart Info submenu in Chart View.

Press once to switch frequencies in sonar views (if available).

Active Cursor: Press once to display chart information in Chart View.

MARK key: Press once to mark a waypoint at the boat's position.

Active Cursor: Press twice to mark a waypoint at the cursor position.

Press and hold to save a screen snapshot to the installed SD or microSD card.

GOTO/MOB key: Press once to display saved navigation data.

Active Cursor: Press twice to mark and start navigation towards a waypoint.

Man Overboard (MOB): Press and hold to activate Man Overboard. See your control head operations manual for more information about this feature.

EXIT key: Press once to close a menu, exit active cursor mode, or turn off an alarm. Press once to display the previous view in the view rotation (see *View Rotation Overview*).

VIEW SHORTCUT key: Press and hold to save a shortcut to the on-screen view.

Press once to display the view saved to the key (see *View Rotation Overview*).

MENU Overview

Open an X-Press Menu

X-Press Menus display menu options that are related to the view on the screen and the current operation mode (such as navigation).

Sonar X-Press Menu
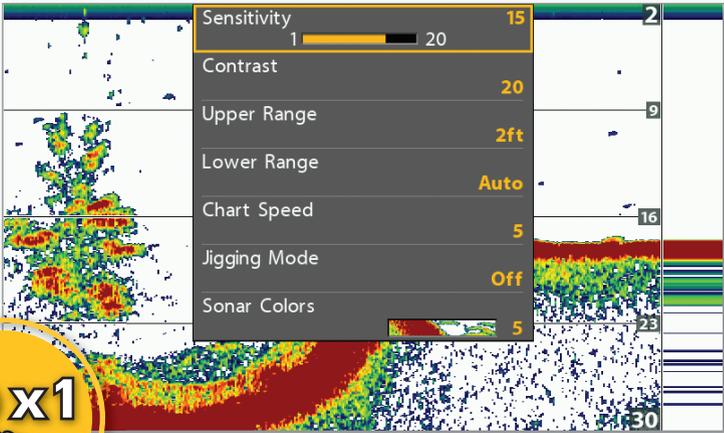
In this illustration, the Sonar X-Press Menu is displayed because the Sonar View is displayed on the screen.

Open the Main Menu

The Main Menu is divided into tabbed categories (Alarms, Sonar, Chart, etc.). The available tabs will vary by model. See your control head operations manual for more details.

Main Menu

Select a Menu and Change the Setting

Select a Tab

🔔	🧭 **Nav**		〰️	⚙️	👁️	⚬	🔀

Saved Tracks Defaults

Chart Orientation
North-Up

Casting Rings
Off

North Reference
True

Waypoint Proximity Flags
Hidden

Waypoint Decluttering
◄ **On**

Trolling Grid Rotation
0°
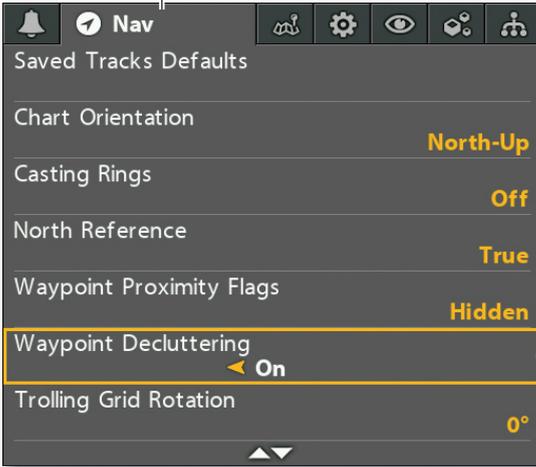
Select a Menu

Change a Menu Setting

Sensitivity **10**
1 ▭▭▭ 20

Start an Action or Open a Submenu

Cursor To Waypoint ›
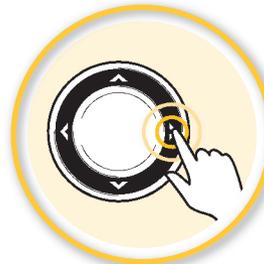
Getting **STARTED**

Power On/Off

ON: Press Once

OFF: Press and Hold

Select the Start-Up Mode

Press the MENU key once while the control head is powering on.

On the Water: If a transducer is connected to the control head, **Normal** mode will be selected automatically. If a transducer is not connected, select Normal, and press the RIGHT Cursor key.

Review System Connections: Select **System Status** and then press the VIEW key until Accessory Test View is displayed on-screen. During Normal mode, open the Views X-Press Menu > System > Accessory Test.

Accessory Test View

Accessory Test	
360 Imaging	UNCONNECTED
GPS	CONNECTED
i-Pilot	UNCONNECTED
NMEA2K Gateway	CONNECTED
Radar	CONNECTED
Remote	UNCONNECTED
Remote Dongle	UNCONNECTED
Speed	UNCONNECTED
Temperature	UNCONNECTED

Review System Connections: If a connected accessory is shown as unconnected, confirm the cable or network connections.

NOTE: If the control head is on a network, see your accessory manual for more connection information.

SETTING UP the Control Head

Your control head settings should be changed based on the area you are fishing, water conditions, bottom, and weather conditions. It is also important to set up system alarms. Some of the menus in this section are provided in the Quick Setup Menu the first time you power on the unit.

Set the Menu System to Angler or Custom

Main Menu > Setup tab > User Mode

- Select **Angler** to see greater simplicity and fewer menu choices.
- Select **Custom** to see all the menus available in the menu system.

Set the Language

Main Menu > Setup tab > Language

The available languages are determined by your control head model.

⚠️ **WARNING!** Do NOT enable Asian Mode if you do not require Asian languages. Before you select Asian Mode, contact Humminbird Technical Support for important information.

Set the Maximum Depth

Main Menu (Custom) > Sonar tab > Max Depth

Set the maximum depth of the body of water.

- Select **Auto** for the control head to acquire bottom readings as needed (within the capabilities of the unit).
- Select **the body of water depth** so the control head will not attempt to acquire sonar data below that depth, allowing more detail to be shown on the screen.

📝 **NOTE:** Side Imaging units default to the Side Imaging range setting if the SI Range is set deeper than Max Depth. (Side Imaging X-Press Menu > SI Range)

Select the Water Type

Main Menu (Custom) > Sonar tab > Water Type

Water Type configures your unit for operation in fresh or salt water. In salt water, you can also choose the shallow or deep setting. Water Type affects the accuracy of deep water depth readings.

- **If the depth is more than 330 ft (100 m),** select Salt (deep).

▶ Select an Accessory Transducer (optional)

Main Menu > Sonar tab > Connected Transducer

The control head will automatically select the transducer that was included with your control head. If a compatible accessory transducer is connected to the control head, select it from the Connected Transducer menu, so the related menus and views are added to the system.

▶ Select the Units of Measurement

Main Menu > Data Sources tab > Units > Depth, Distance, etc. (G4N models)

Main Menu > Setup tab > Units - Depth, Units - Distance, etc. (all other models)

Select the units of measurement format for your control head.

▶ Turn On/Off Sounds

Main Menu > Setup tab > Sound Control

If you are using alarms, but don't want key sounds, it is important to select Alarms Only to receive an audio alert when an alarm is triggered.

▶ Adjust the Backlight and Background

Press the POWER/LIGHT key during operation.

- **Adjust the Backlight:** Select Light.
- **Change the Background:** Select Background.

▶ Pair a Phone with the Control Head

If you have a *Bluetooth*-supported control head, you can pair a phone with it using *Bluetooth* wireless technology.

1 Select the Main Menu > Accessories tab.

2 Select Phone Bluetooth > Connect New Phone. Press the RIGHT Cursor key.

Follow the on-screen prompts to start the pairing process.

3 When the phone name displays in the menu, select it. Press the RIGHT Cursor key.

4 When prompted, tap Pair on your phone.

In your phone Settings menu, turn on Show Notifications.

▶ Set Alarms

Sonar and Navigation alarms are described briefly here. See your control head operations manual for more details about the variety of alarm options.

When an alarm is turned on, an alert will sound or display on the control head to indicate the threshold (setting) has been exceeded. **When an alarm is triggered,** you can silence it by pressing any key on the control head.

Chart View Displaying Off Course Limits and Arrival Circle
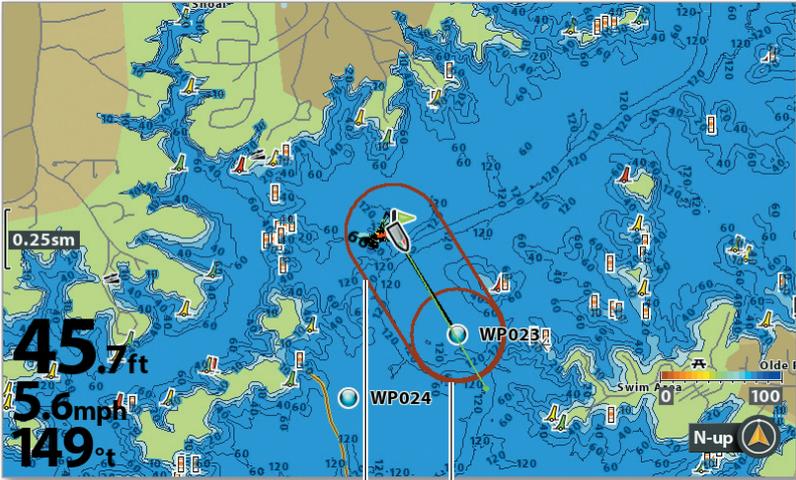
Off Course Limits
If the boat travels beyond the set threshold, the alarm will be triggered.

Arrival Circle
When the boat reaches the arrival circle, the alarm will be triggered.

- **Depth Alarm** is triggered when the depth becomes equal to or less than the menu setting.

- **Low Battery Alarm** is triggered when the input battery voltage is equal to or less than the menu setting. The battery must be connected to the unit.

- **Off Course Alarm** sets how far the boat can move off course during navigation before an alarm will be triggered.

- **Arrival Alarm** sets how close the boat must be to the destination waypoint before the alarm will be triggered.

- **Drift Alarm** sets how far the boat can move from its anchored position outside the drift alarm perimeter before an alarm will be triggered.

VIEW ROTATION Overview

Change the On-Screen View

Use the Views X-Press Menu to quickly display a view.

Views X-Press Menu
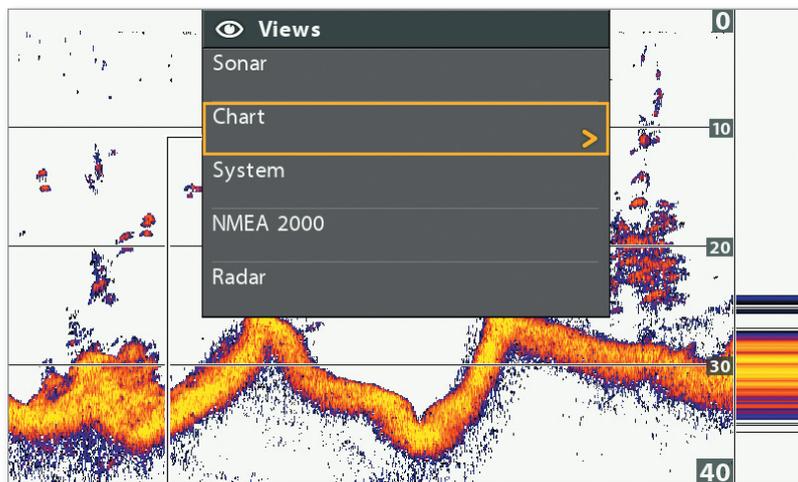
Select a view category, then select the view you want to display.

VIEW	**OR**	VIEW	EXIT
Press and Hold to Open the Views X-Press Menu		**Next View: Press Once**	**Previous View: Press Once**

Save View Shortcuts

You can program the VIEW SHORTCUT keys to display a saved view immediately. You can save one view on each key.

1 With the view you want to save displayed on-screen, press and hold a VIEW SHORTCUT key for several seconds.
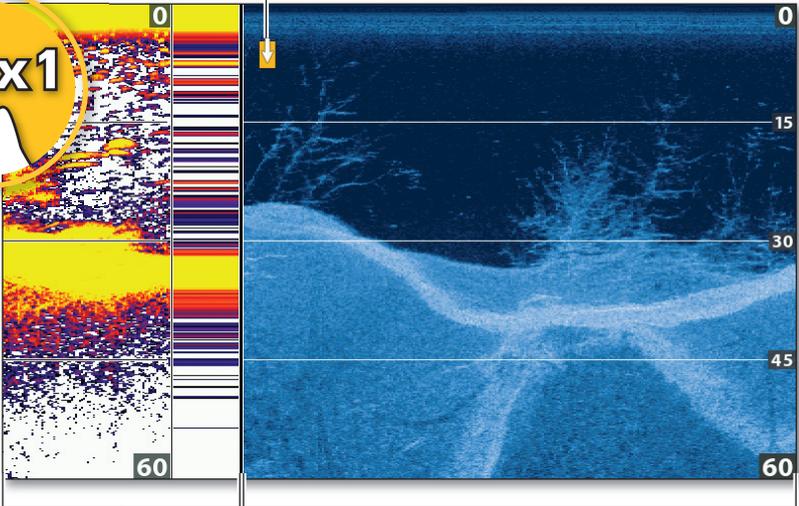
SAVE: Press and Hold

Use Combo Views

Combo Views display two views (or more) on the screen at the same time. To change the settings, select menus or actions, or change the size of either view, you must select the view as the Active Pane from the X-Press menu.

Sonar/Down Imaging Combo View

Open the X-Press Menu

indicates the selected pane (Active Pane)

Split Position
adjusts pane size

Split Position
adjusts pane size

Display Digital Readouts

Digital Readout data can be displayed on-screen as an overlay or in data boxes. The format and readouts you choose will be applied to all views.

- Select **Overlay** to display preset digital readouts as an overlay on the view.

- Select **Boxes** to display digital readouts in boxes on the view. You can select the readouts to be displayed in each box (see **Select Digital Readouts**).

- Select **Off** to hide the digital readouts.

Sonar View with Digital Readouts Set to Overlay
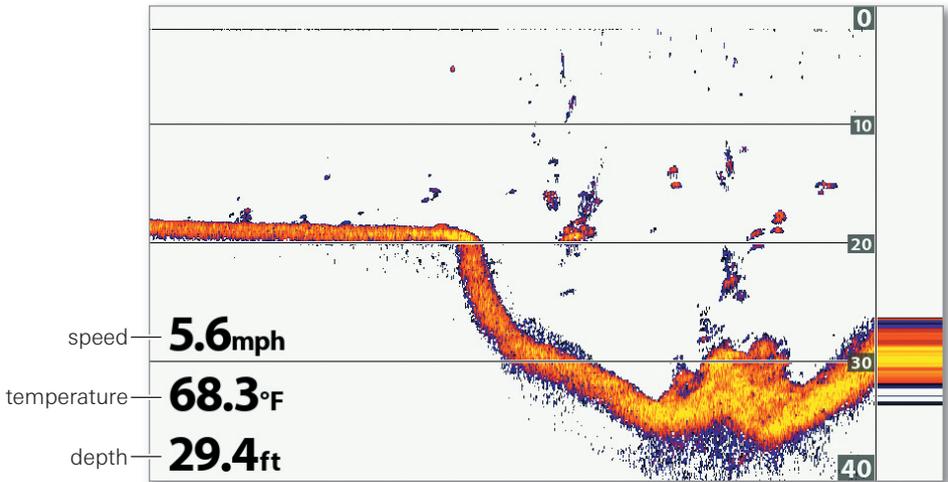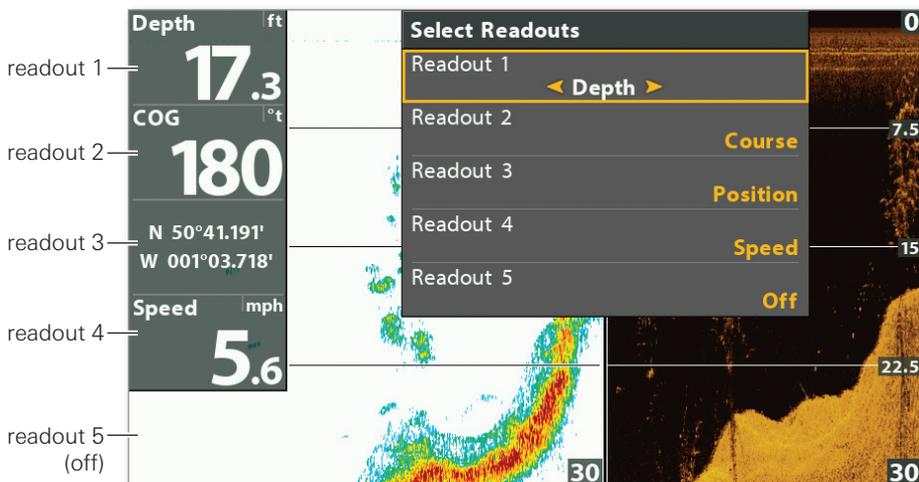
Select Digital Readouts

Main Menu (Custom) > Setup tab > Edit Data Boxes OR Select Readouts

Main Menu (Custom) > Setup tab > Edit Navigation Data Boxes OR Select Nav Readouts

If you have Digital Readouts set to Boxes, you can select the data that will be displayed in each box.

- Use the **Edit Data Boxes** (G4N models) or **Select Readouts** (all other models) menu to set your standard digital readouts.

- Use the **Edit Navigation Data Boxes** (G4N models) or **Select Nav Readouts** (all other models) menu to set the digital readouts that will be displayed during navigation.

Select Readouts Menu

Select a Readout Position

Select a Readout

Views   **11**

Understand the Digital Readouts

See below for examples of digital readouts available in the Select Readouts and Select Nav Readouts menus. The available digital readouts are determined by the installed equipment and the selected sources on the network.

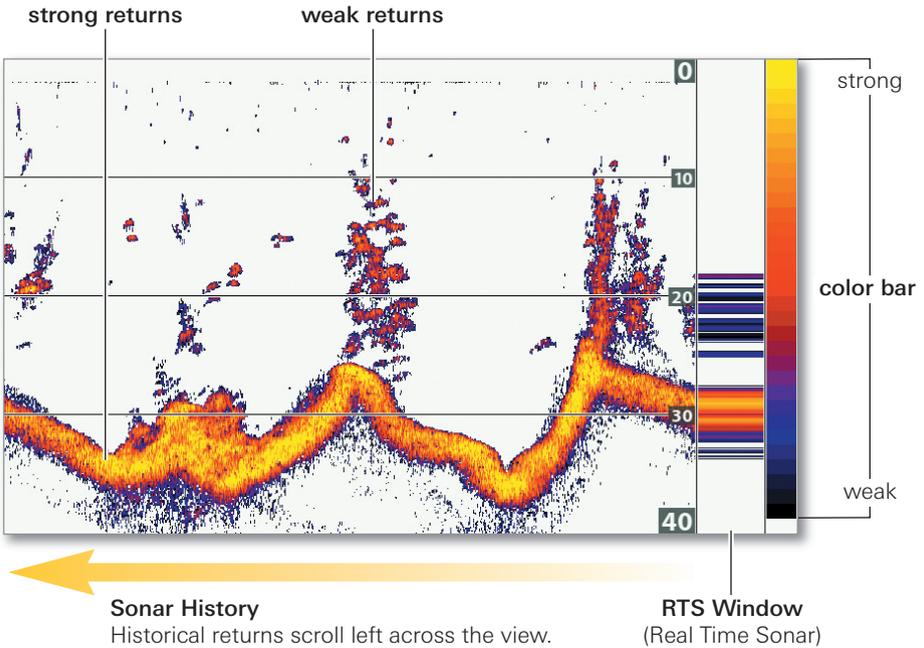|	
Bearing	The direction to a destination waypoint measured in degrees from north.
COG	**Course Over Ground** is the direction the boat is traveling measured in degrees from North. When the COG is equal to Bearing, the boat is said to be on course and will arrive at the destination in the most efficient manner.
Depth	The depth of the water from the transducer or digital depth sensor to the bottom. This measurement includes the depth offset setting.
DMG	**Distance Made Good** is the straight line distance actually traveled between the start position to the current boat position.
DTG	**Distance To Go** is the distance between the boat position and the next waypoint on the route.
ETA	**Estimated Time of Arrival** to the next waypoint on the route.
Position	The latitude and longitude coordinates of the boat position based on the GPS receiver installation location.
Speed	The measurement of the boat's progress across a given distance based on the speed measurement provided by the GPS.
Temp	The detected water temperature by the transducer's internal temperature probe or an accessory temperature sensor.
Timer	The digital readout for the timer set in the Alarms tab. See your control head operations manual for details.
Triplog	The elapsed time since the triplog was last reset, the distance traveled since last reset, and the average speed during timed interval.
TTG	**Time To Go** is the estimated time required to reach the next waypoint on the route.
Voltage	Power supplied to the control head.
Water Speed	The speed of water as it flows past the boat (optional-purchase speed wheel required).
XTE	**Cross Track Error** is the straight-line distance of the boat from the intended route. XTE measures how far the boat is off course.

SONAR
Interpretation and Display Settings

You can use the settings included with your control head, or you can customize the Sonar display.

The Sonar View displays the return intensity based on the Sonar Colors and Bottom View menu settings. You can also choose to turn on/off fish symbols (Fish ID+™), change the 2D SwitchFire® mode, adjust sensitivity, and more.

Sonar View: Sonar Colors Palette 1

strong returns   weak returns

strong

color bar

weak

Sonar History
Historical returns scroll left across the view.

RTS Window
(Real Time Sonar)

- **Weak Returns** could be vegetation or small fish.
- **Strong Returns** could be compacted sediment, rocks, tree limbs, or other structure.

Change the Color Palette

Sonar X-Press Menu > Sonar Colors

The palette you choose will be applied to the Sonar View, Sonar Zoom View, Split Sonar View, and Sonar Combo Views.
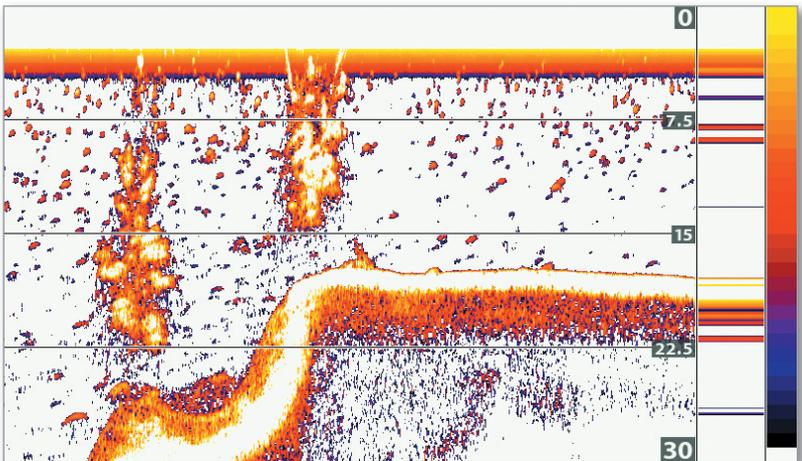
Changing the Color Palette in Sonar View

sonar colors menu
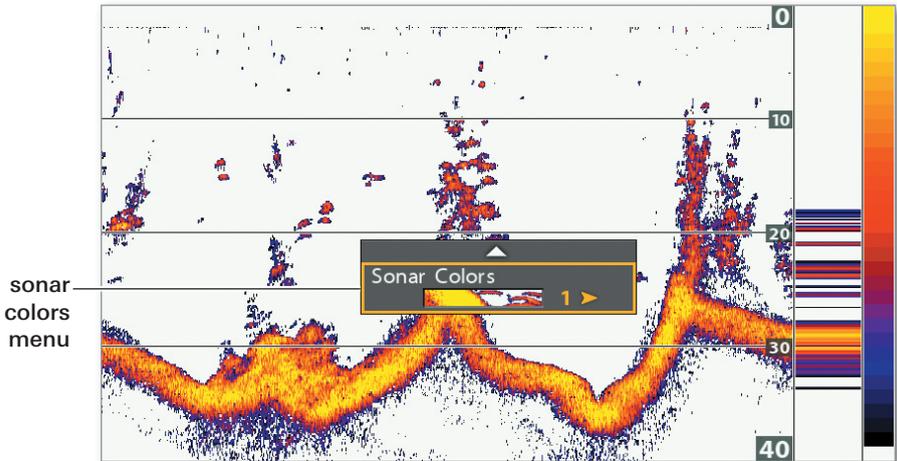
Select the Bottom View Display

Main Menu > Sonar tab > Bottom View

Select the method used to represent bottom and structure on the display.

Sonar View with Bottom View Set to WhiteLine

- **WhiteLine** highlights the strongest sonar returns in white.
- **Structure ID** represents the strongest returns as specified by the selected color palette.

SONAR on the Go ▶▶▶

▶ Adjust Display Settings and Freeze the Display

Use the Sonar X-Press Menu to see more detail on the view or filter the information you don't want to see. Move the cursor to freeze the display, review sonar history, and mark waypoints (GPS fix required).

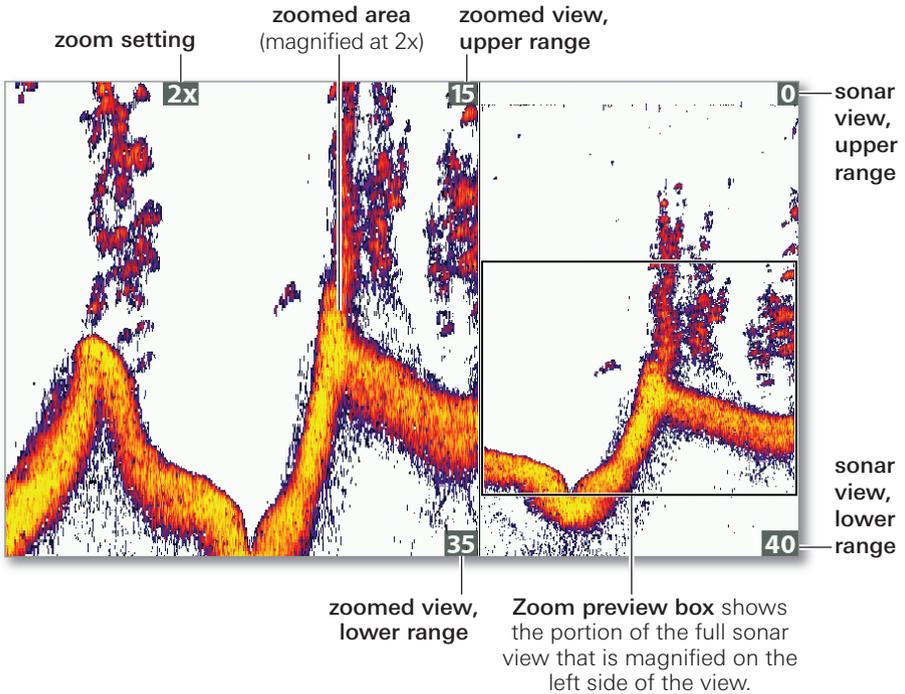### Sonar View with Active Cursor

cursor digital readouts

Cursor **27.7** ft   Depth **32.4** ft   Distance **0.15** sm   Bearing **178** °t

cursor
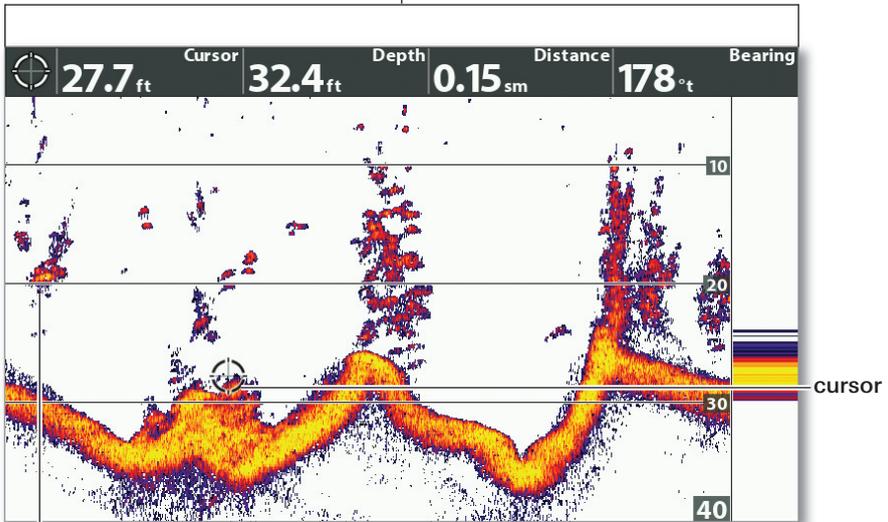
Sensitivity on the Sonar X-Press Menu can be adjusted to display more or less sonar returns on the screen.

MENU
**Open the
X-Press Menu**

**Move
the Cursor**

MARK
**Mark a
Waypoint**

GO TO
MOB
**Start
Navigation**
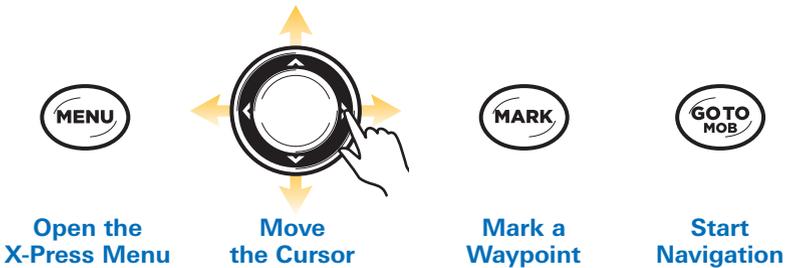
▶ Magnify Bottom Sonar Returns

Sonar Zoom View provides a magnified view of the bottom and structure. If the control head has GPS reception, you can also mark waypoints and start navigation.

Using the Sonar Zoom View

zoom setting

zoomed area (magnified at 2x)

zoomed view, upper range

2x

15

0

sonar view, upper range

sonar view, lower range

35

40

zoomed view, lower range

Zoom preview box shows the portion of the full sonar view that is magnified on the left side of the view.

Move the Cursor

Zoom In

Zoom Out

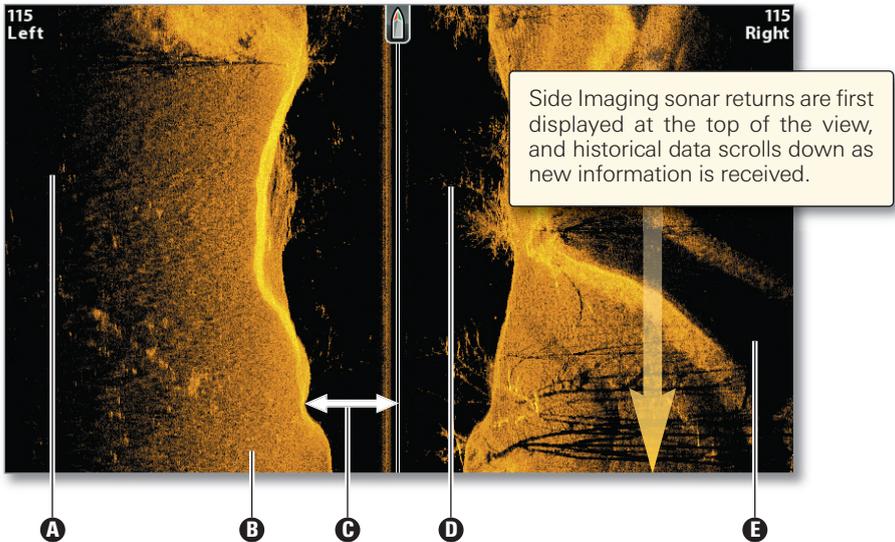**Mark a Waypoint**

Start Navigation

> ✍ **NOTE:** If your unit does not have ZOOM keys, open the Sonar X-Press Menu (Custom) > Zoom Level to adjust the magnification.

SIDE IMAGING
## Interpreting the Display

Side Imaging beams "illuminate" the bottom contour, structure, and fish. The side beam coverage is very thin from front to back, yet very wide from top to bottom. The bottom composition determines the intensity of the sonar return, and upward slopes that face the transducer reflect sonar better than downward slopes that face away from the transducer.

Interpreting the Side Imaging View

Side Imaging sonar returns are first displayed at the top of the view, and historical data scrolls down as new information is received.

Ⓐ Shadows: The longer the shadow, the taller the object. Fish also cast shadows, and their distance from the bottom can be interpreted by their shadow.

Ⓑ Light Shades represent denser terrain (possibly compacted sediment, timber, rocks) or rising terrain.

Ⓒ Water Column shows the relative depth of the water under the boat at any given time. Variations in the width of the water column show variations in the distance to the bottom as the boat passes over. See the illustrations *Interpreting the Side Imaging View*.

Ⓓ White Streaks or Clouds may represent fish on the display.

Ⓔ Dark Shades represent soft returns (possibly sand or mud) or descending terrain.

Interpreting the Side Imaging View
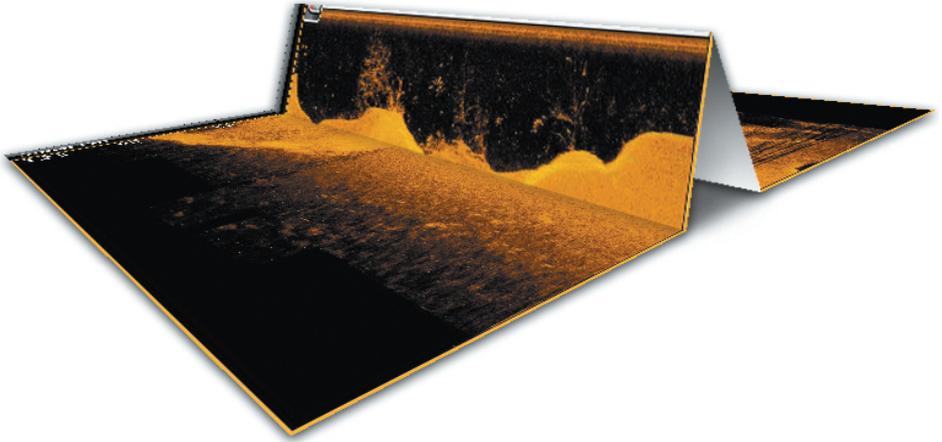
To visualize how Side Imaging works, the Side Imaging View illustration can be folded down the middle and then folded again at the lowest point of the water column. The raised area reveals the water column with its relative depth of the water under the boat. In the Side Imaging View, variations in the width of the water column show variations in the distance to the bottom as the boat passes over.

For Best Side Imaging Performance

- Boat speed: 2 to 6 mph
- Straight line navigation
- Minimum turning time and wave turbulence

See your control head operations manual for more information about the Side Imaging beams and how to interpret the Side Imaging display.

SIDE IMAGING Display Settings

You can use the default settings included with your control head, or you can customize the Side Imaging display.

▶ Change the Color Palette

Side Imaging X-Press Menu > SI Colors

Select the color palette to use for the Side Imaging Views.

▶ Adjust the Side Imaging Range

Side Imaging X-Press Menu > SI Range

SI Range sets the deepest range that will be displayed by the Side Imaging View.

• **Auto:** The range will automatically adjust to follow the bottom.

• **Manual:** Select a low range setting to focus on a shorter distance of the water column and show greater detail on the screen. Select a higher range setting to view farther into the water and see an overview of details on the screen.
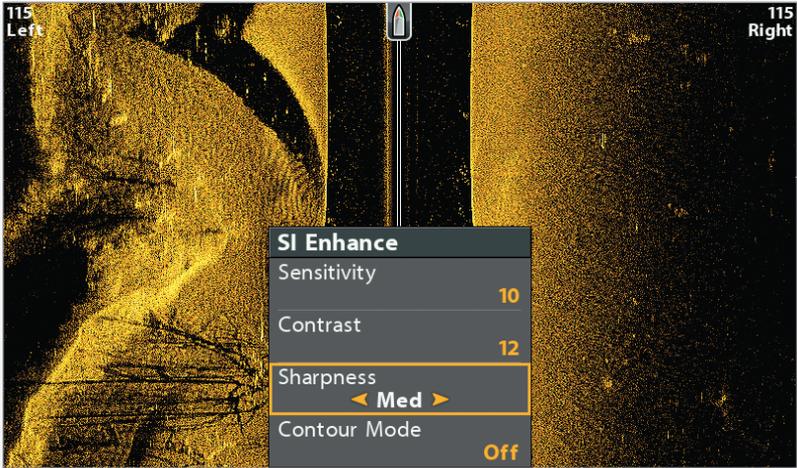
Adjusting the SI Range
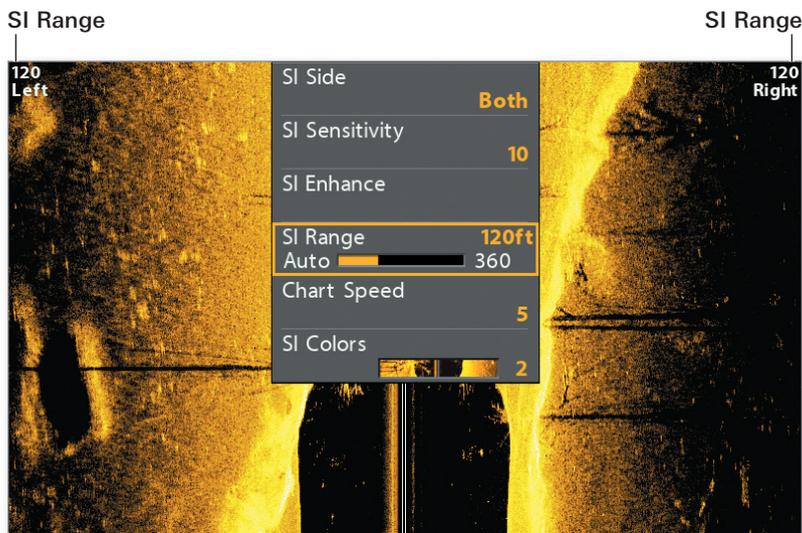
Enhance the Side Imaging View

The SI Enhance dialog box allows you to adjust your Side Imaging View in four categories: Sensitivity, Contrast, Sharpness, and Contour Mode.
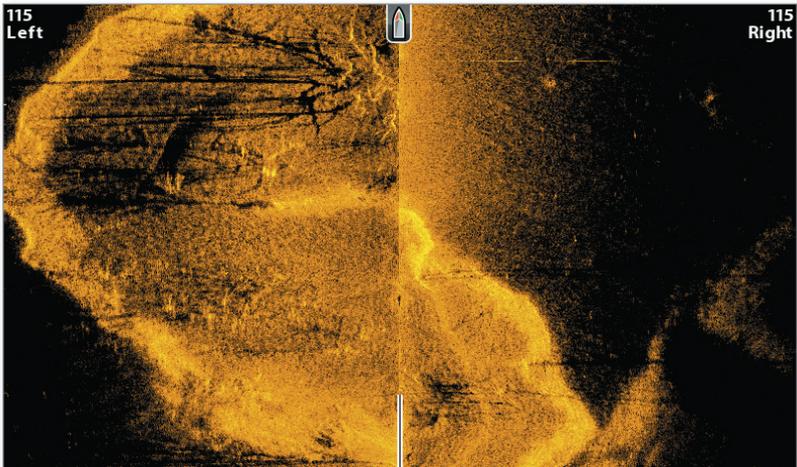
SI Enhance Menu

Display or Hide the Water Column

Contour Mode controls how the water column is displayed in the Side Imaging View. The location of a target on the view is influenced by the Contour Mode setting.
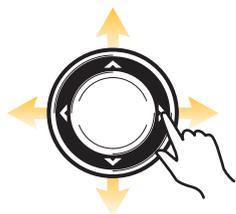
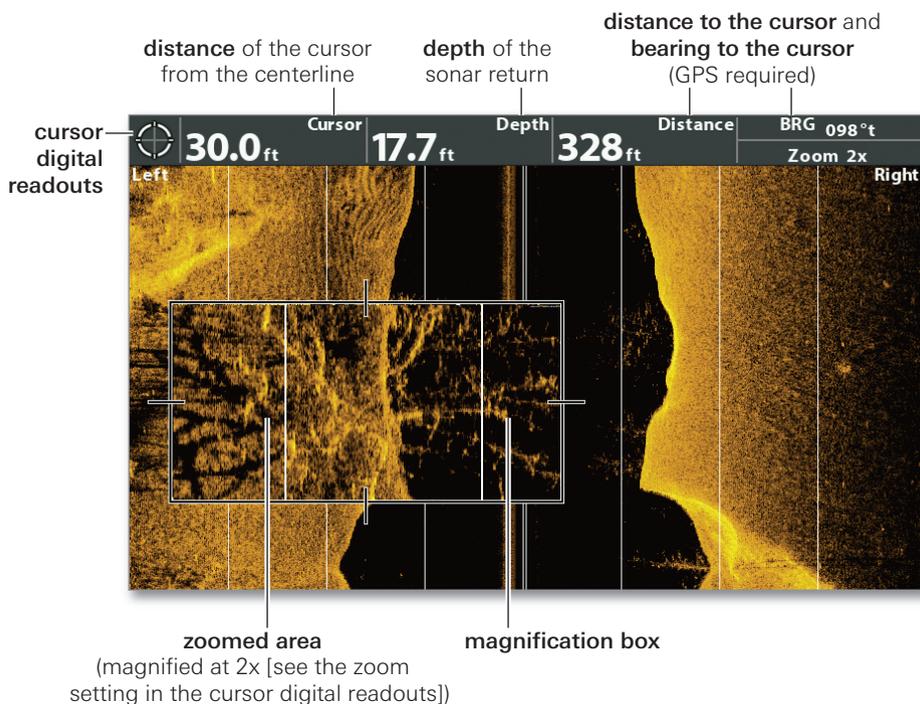Side Imaging View with Contour Mode On

The water column is removed.

SIDE IMAGING on the Go ▶▶▶

▶ Freeze the Display and Magnify Selected Returns

Use the Cursor Control key to activate the cursor, freeze the display, and move the cursor over a sonar return.

Using ZOOM on the Side Imaging View

distance of the cursor from the centerline

depth of the sonar return

distance to the cursor and bearing to the cursor (GPS required)

cursor digital readouts

zoomed area
(magnified at 2x [see the zoom setting in the cursor digital readouts])

magnification box

Activate the Cursor & Freeze the Display

Zoom In

Zoom Out

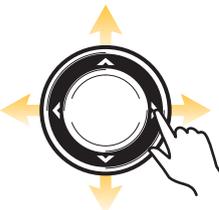**Mark a Waypoint**

Start Navigation

Turn On SI Navigation

SI Navigation controls how the boat icon is displayed in Side Imaging Views. **If SI Navigation is turned on,** an arrow icon indicates the direction the boat needs to turn to reach the next waypoint during navigation. **If SI Navigation is turned off,** the boat icon will not change during navigation.

Chart/Side Imaging Combo View with SI Navigation On
(with built-in Contour XD)

The **arrow** will point the direction that you need to steer your boat in order to reach the waypoint.
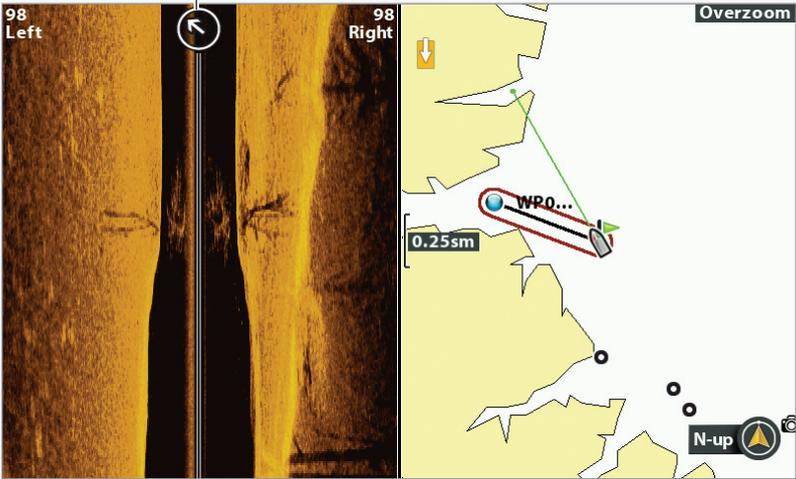
Move the Cursor

Zoom In

Zoom Out

**Mark a Waypoint**

Start Navigation

DOWN IMAGING
Interpreting the Display

Down Imaging beams "illuminate" the bottom contour, structure, and fish. The razor-thin, high-definition profiling beams produce the detailed sonar data that you see on the display.

Use the light and dark parts of the display to interpret the objects under your boat as follows:

Interpreting the Down Imaging View
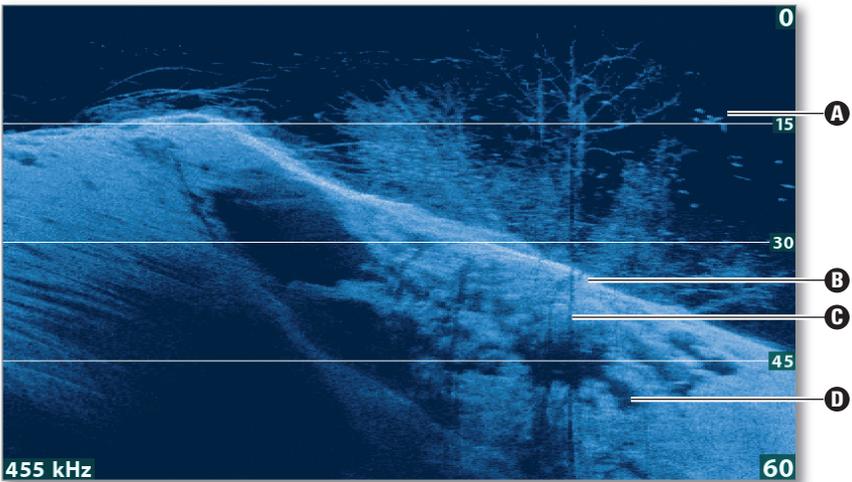
Sonar History
Historical returns scroll left across the view.

Ⓐ **White Streaks or Clouds** may represent fish on the display.

Ⓑ **Light Shades** represent denser terrain (possibly compacted sediment, timber, rocks) or rising terrain.

Ⓒ **Shadow**

Ⓓ **Dark Shades** represent soft returns (possibly sand or mud) or descending terrain.

DOWN IMAGING Display Settings

▶ Change the Color Palette

Down Imaging X-Press Menu > DI Colors

Select the color palette to use for all Down Imaging Views.

▶ Display or Hide Depth Lines

Main Menu (Custom) > Sonar tab > Depth Lines

Turn Depth Lines On to display the incremental marks between the upper and lower depth range. Turning Depth Lines On will also affect the Sonar Views.

▶ Enhance the Down Imaging View

Down Imaging X-Press Menu > DI Enhance

The DI Enhance dialog box allows you to adjust your Down Imaging View in three categories: Sensitivity, Contrast, and Sharpness.
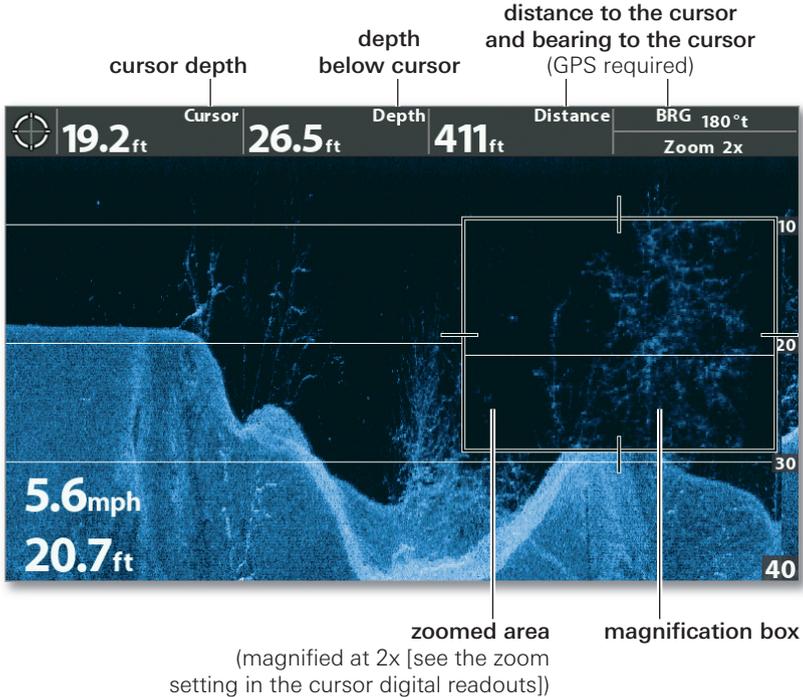
Down Imaging View
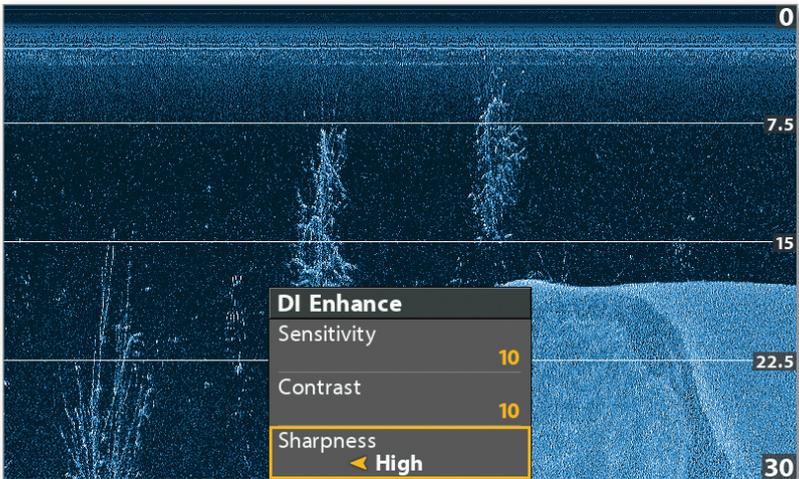
The Sharpness setting makes the sonar returns appear more defined.

DOWN IMAGING on the Go ▶▶▶

▶ Freeze the Display and Magnify Selected Returns

Use the Cursor Control key to activate the cursor, freeze the display, and move the cursor over a sonar return.

Using ZOOM on the Down Imaging View

cursor depth

depth below cursor

distance to the cursor and bearing to the cursor (GPS required)

zoomed area
(magnified at 2x [see the zoom setting in the cursor digital readouts])

magnification box

| Activate the Cursor & Freeze the Display | Zoom In | Zoom Out | Mark a Waypoint | Start Navigation |

NOTE: If your unit does not have ZOOM keys, move the cursor, and open the Down Imaging X-Press Menu (Custom) > DI Zoom to adjust the magnification.

Use the Down Imaging Combo Views

In the Down Imaging/Sonar Combo View, you can compare Down Imaging with traditional Sonar. Use the Cursor Control key to move the cursor over a sonar return, and the +ZOOM key to magnify the return.

Sonar/Down Imaging Combo View with Active Cursor

Cursor digital readouts show the cursor's depth and related position information (GPS required).
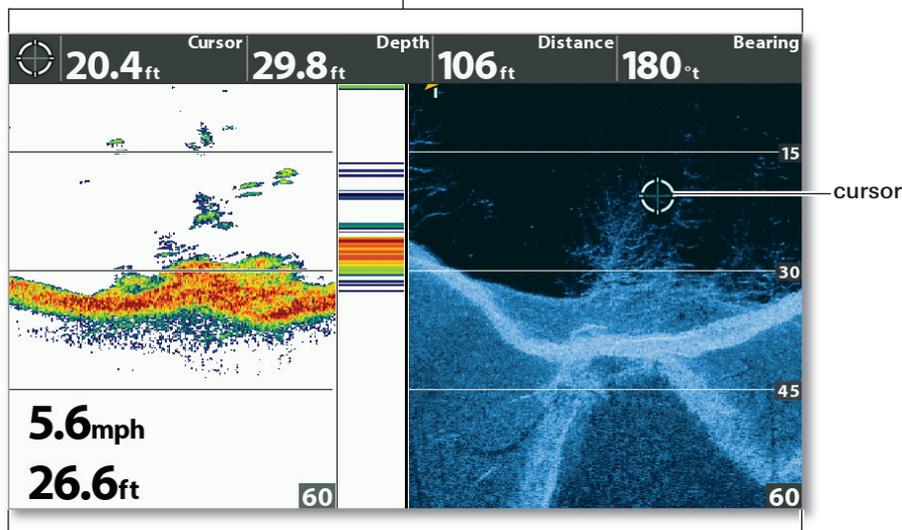
cursor

Use the Combo View to compare sonar returns.

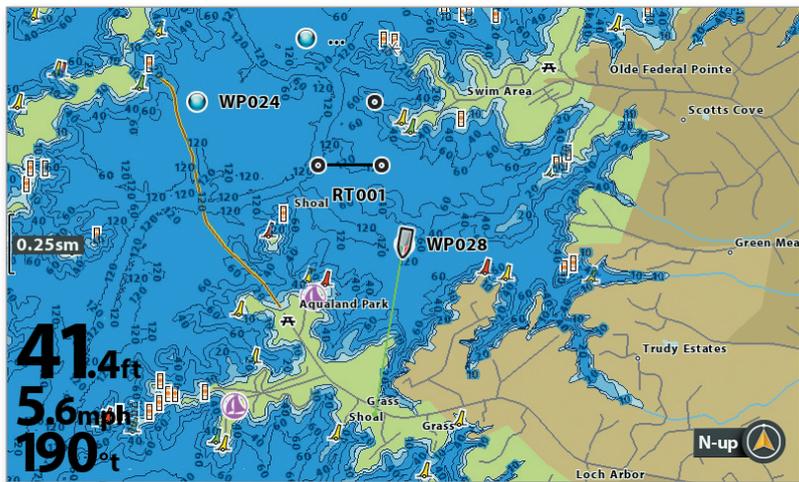| Activate and Move the Cursor | Zoom In | Zoom Out | Mark a Waypoint | Start Navigation |

CHART Display Overview

HELIX GPS models allow you to mark waypoints, create routes, and start navigation. A GPS fix is required for all chart and navigation features.

You can also use the Waypoint Management dialog box to create new waypoints and routes from scratch, as well as manage your navigation data (see *Navigation: Waypoint Management Dialog Box*). See your control head operations manual for more information.

Chart View with Built-In Humminbird Basemap
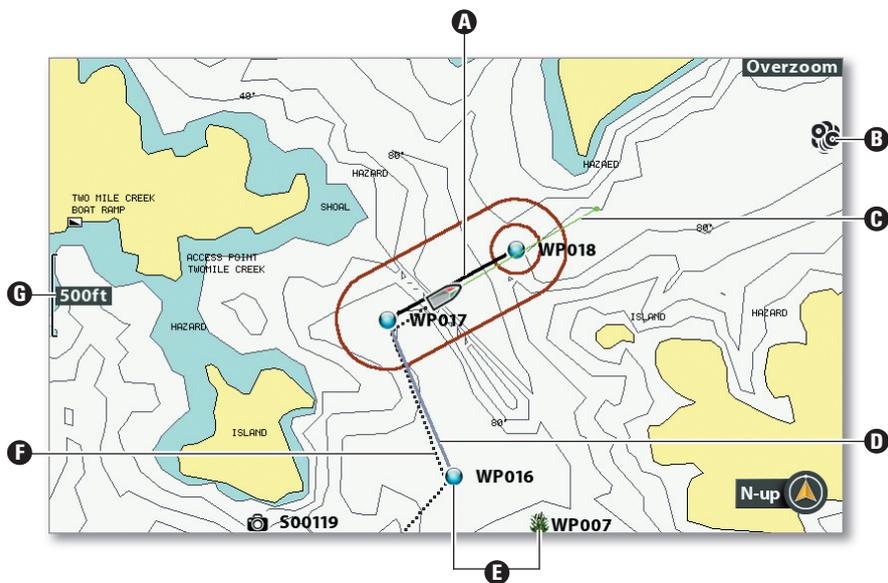

| Activate and Move the Cursor | Zoom In | Zoom Out | Mark a Waypoint | Start Navigation |

Navigating a Route in Chart View
(with built-in Contour XD)

Ⓐ **Current Route Leg (Black):** The projected path between each waypoint in a route.

Ⓑ **Decluttered Waypoint Icons:** To see a Decluttered Waypoint at full size, use the Cursor Control key to move the cursor onto a decluttered waypoint icon.

Ⓒ **Course Projection Line (Green):** The current direction the boat is traveling, measured in degrees from North.

Ⓓ **Completed Route Leg (Light Gray):** The completed path of travel on the route.

Ⓔ **Waypoint Icons:** Waypoints are saved positions that mark areas of interest or navigation points. To view more information about a waypoint, select it and press the CHECK/INFO key.

Ⓕ **Track:** The Current Track shows the position history since the unit was powered up as a breadcrumb trail of trackpoints. You can clear the Current Track or save it at any time (see *Navigation: Chart on the Go*).

Ⓖ **Map Scale**

> ⊕ When the boat is stationary, it is drawn as a circle.
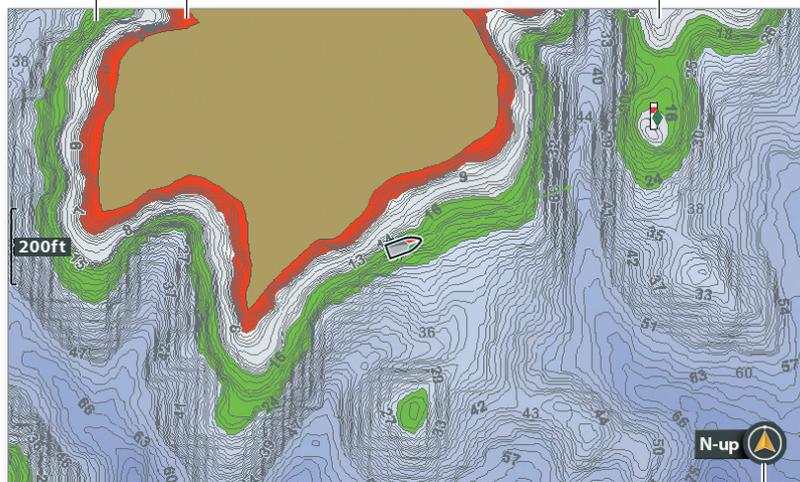>
> ◪ When the boat is in motion, it changes to a boat shape, pointed in the direction of motion (see *Set the Chart Orientation*).

CHART VIEW Display Settings

Chart View with Humminbird LakeMaster

Depth Highlights can be customized to show deep and shallow waters.

North-Up Indicator displays the Chart Orientation and will change as the orientation and data source change (currently set to North-Up).

Add Maps to the Control Head

Main Menu > Chart tab > Map Source

In addition to the built-in maps, you can install a compatible Humminbird LakeMaster®, Humminbird CoastMaster®, Humminbird ChartSelect® (see chartselect.humminbird.com), or Navionics chart card for additional chart information. When you install an SD or microSD chart card in the card slot, the map source will change automatically. To change the map source manually, use the Map Source menu.

Set the Chart Orientation

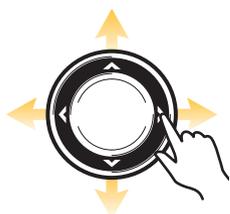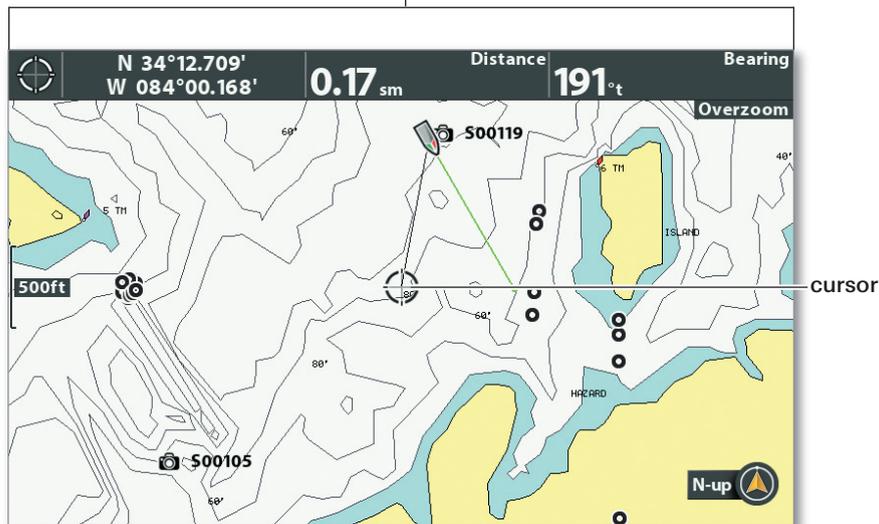**Main Menu > Chart tab > Chart Orientation**

Chart Orientation allows you to select how the Chart Views are displayed. The North-Up Indicator works with this feature also (see the above illustration).

- **North-Up:** True North is shown at the top of the view. Objects located to the north of the boat are drawn above the boat.
- **Head-Up:** The boat's current heading points up, and the chart rotates around the boat icon so that it always points up on the view.
- **Course-Up:** During navigation, the projected course is shown at the top of the view. If not navigating, the last known projected course is shown.

CHART on the Go ▶▶▶

Chart View with Active Cursor

cursor digital readouts

◈	N 34°12.709' W 084°00.168'	0.17 sm	Distance	191°t	Bearing

Overzoom

500ft

S00119

TM

ISLAND

cursor

HAZARD

S00105

N-up ▲

Activate and Move the Cursor

Zoom In ＋

Zoom Out ━

Mark a Waypoint MARK

Start Navigation GOTO MOB

Mark a Man Overboard (MOB) Waypoint

Press and hold the GOTO/MOB key.

As soon as you know that you have a man overboard (MOB), activate MOB navigation to maximize the chances for a successful rescue. The MOB waypoint indicates the point at which your man went overboard and the relation of the boat to that point. See your control head operations manual for details about this feature.
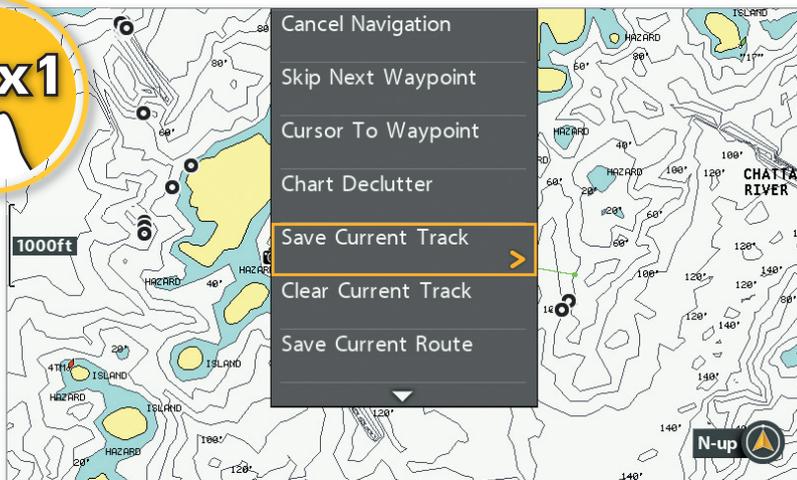
Press and Hold

GOTO MOB

CHART X-Press Menu

Open X-Press Menu

Chart X-Press Menu

Use the **Chart X-Press Menu** to save the current track and route, as well as cancel navigation.

▶ Save the Current Track

Chart X-Press Menu > Save Current Track

It is important to save the current track before powering off the control head.

▶ Save the Current Route

Chart X-Press Menu > Save Current Route

▶ Cancel Navigation

Chart X-Press Menu > Cancel Navigation

▶ Clear the Current Track

Chart X-Press Menu > Clear Current Track

Waypoint Management Dialog Box

Route, track, and waypoint names, as well as other details, can be edited from the Waypoint Management dialog box. See your control head operations manual for more information.

Open the Waypoint Management Dialog Box:
Main Menu > Nav tab > Waypoints, Routes, Tracks

Waypoint Management Dialog Box

Select

Open/Close Submenu

saved navigation data

▶ Edit a Waypoint
Select a Saved Waypoint
Select Edit > Waypoint Name (WP#), Icon, Visibility, etc.

Waypoint Name: Use the Cursor Control key to set the fields in the dialog box. Press the CHECK/INFO key to save.

▶ Create a New Waypoint
Options > New > New Waypoint

Use the Cursor Control key to set the fields in the dialog box.

▶ Start Navigation on a Saved Route
Select a Saved Route
Select Travel > Forward OR Travel > Reverse

▶ Edit the Track Name
Select a Saved Track > Edit

Use the Cursor Control key to set the fields in the dialog box.

MANAGE your Humminbird

⚠️ **WARNING!** Humminbird is not responsible for the loss of data files (waypoints, routes, tracks, groups, snapshots, recordings, etc.) that may occur due to direct or indirect damage to the unit's hardware or software. It is important to back up your control head's data files periodically. Data files should also be saved to your PC before restoring the unit's defaults or updating the software. See your control head operations manual.

▶ Register your Humminbird

Register your Humminbird product and sign up to receive the latest Humminbird news, including software updates and new product announcements.

1 Go to our Web site at **humminbird.com**, and click Support > Register Your Product.

2 Follow the on-screen instructions to register your Humminbird product.

▶ Use Manuals on your Device

Download Humminbird manuals to your mobile device or PC.

1 **Mobile:** Download the free Adobe Acrobat Reader app to your mobile device.

PC: Download the free Adobe Acrobat Reader software from http://get.adobe.com/reader/ to your PC, and install it on your PC.

2 Go to our Web site at **humminbird.com**, and click Support > Manuals.

3 Select the PDF for your control head model or accessory, and save it to your device.

4 **Mobile:** Open the Adobe Acrobat Reader app. Open the Humminbird manual.

PC: Open Adobe Acrobat Reader. Open the Humminbird manual.

▶ Manage Navigation Data

⚠️ **WARNING!** DO NOT import navigation data from unknown sources into your Humminbird unit without first converting the data to the correct format using HumminbirdPC. Importing corrupted data can cause the unit to malfunction, which can result in lost navigation data.

• **Import and export navigation data on the control head** using an SD or microSD card. See your control head operations manual for complete details.

• **Use HumminbirdPC** to organize your waypoints, routes, tracks, and groups on your personal computer. Visit our Web site at **humminbird.com** to download the latest version of HumminbirdPC.

▶ Conserve Power Used by the Control Head

1 Press the POWER/LIGHT key.

2 **Start Standby Mode:** Select Standby. Press the RIGHT Cursor key.

   Dim the Backlight: Select Light. Press the LEFT Cursor key repeatedly.

**3** **Turn off Standby Mode:** Press the POWER key.

▶ Update the Control Head Software
(with an SD or microSD card)

MicroSD Card and Adapter

For complete details about the software update process, see your control head operations manual.

1 Insert a formatted SD card (or microSD card with adapter) into the slot on your PC.

2 Go to our Web site at **humminbird.com** and click Support > Software Updates.

3 **To update your control head software**, click the series name for your control head model (HELIX, SOLIX, etc.) under Fish Finders.

   To update accessory software, click the product name under Accessories & Mapping.

microSD card adapter —

microSD card —

4 Select your model number or product name.

5 Read the software description, requirements, and the instructions fully before proceeding with the software update.

6 Click **Download**.

7 Follow the on-screen prompts to save the software file to the SD or microSD card.

8 Power on the control head.

9 Install the SD or microSD card with the software file into the control head card slot. The control head will recognize the new software and run through a series of prompts to confirm the software installation.

Notes ▶ ▶ ▶
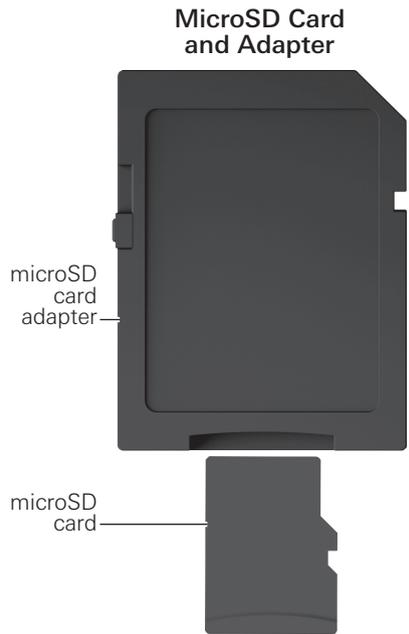
Contact Humminbird Technical Support

Contact Humminbird Technical Support in any of the following ways:

> Toll Free: **(800) 633-1468**
> International: **(334) 687-6613**
> E-mail: **service@humminbird.com**

> Shipping: **Humminbird**
> **Service Department**
> **678 Humminbird Lane**
> **Eufaula, AL 36027 USA**

Our Web site, **humminbird.com**, offers in-depth information about all things Humminbird, along with technical support, product manuals, software updates, and a robust FAQ section.

For more great content, visit:

Facebook.com/HumminbirdElectronics

Twitter.com (@humminbirdfish)

Instagram.com/humminbirdfishing

YouTube.com/humminbirdtv