



June, 2007

Release Notes

Maintenance Release 5 for the SeaBat 7125/7128

Maintenance Release 5 Item Descriptions

- **Auto Pilot Interface** (7125 only) - The table used to configure the autopilot has been revamped. All range settings are now present in the table. An auto fill function helps to provide a linear progression between elements of the table.
- **Receiver Filters** – The filters have been optimized for performance. The pulse width controls which filters are used without the need for user input. Range performance is greatly improved for both 200 and 400 kHz systems.
- **Gates Menu** (7125 only) – The gate settings (min/max) can now be adjusted regardless of which gate style active. “Apply” buttons for new settings now self-activate when a modification is made to remind the user to click them. The text edit boxes also highlight when an already updated value is being edited.
- **Version Info** – A unified release version name is provided in the Help->about window. Version info for each software component of the system is now displayed here as well. 7kCenter, SeaBat7k, Beam former ID, and IO Module versions are available.
- **Bathy Display Filters** (7125 only) – The user can filter on quality values now to prevent poor quality soundings from cluttering the display under some conditions. This is a display filter only and does not alter the data output.
- **Automatic Nadir Search Gate** (7125 only) – The nadir search gate now adapts to the current depth.
- **PPS Control** – The user can now manually select between a rising or falling edge for the PPS input via the SeaBat7k GUI.
- **Drag able Gates** (7125 only) – The depth, range, and nadir gates now support mouse dragging to make updates easier. Simply click on the wedge display where the gate lies and drag it to the new position.
- **Trigger Menu** – The in/out configuration has been moved to the Configuration menu bar. The PPS Control is located in this new window.