

**SonarWiz 7 Training Workshop Agenda**

Time (UTC-5) Session	Day 1 - June 9, 2021 Sidescan Processing	Day 2 - June 10, 2021 Sub-bottom Processing	Day 3 - June 11, 2021 Bathymetry Processing
10:00 - 11:15	<b>Course Introduction</b> <ul style="list-style-type: none"> <li>Welcome</li> <li>Course Goals and Expectations</li> <li>Housekeeping</li> <li>What's new 7.7 Highlight</li> </ul>	<b>Sub-bottom Fundamentals</b> <ul style="list-style-type: none"> <li>SEGY settings</li> <li>Coloring SBP, Bottom Tracking</li> <li>Scaling &amp; Annotation</li> <li>Gain &amp; Filter Settings</li> <li>Intersections, Datum alignment</li> </ul>	<b>Bathymetry Project Setup</b> <ul style="list-style-type: none"> <li>Configuring Vessel Files</li> <li>Loading SVP and Tide data</li> <li>Importing Bathymetry</li> <li>Merge Process</li> <li>Automatic Filtering</li> </ul>
11:15 - 11:45	Break	Break	Break
11:45 - 13:00	<b>SonarWiz Fundamentals</b> <ul style="list-style-type: none"> <li>Project Creation</li> <li>Coordinate Reference Systems</li> <li>Importing Raw Data</li> <li>Map Decorations</li> <li>Drawing Modes &amp; Color Pallets</li> </ul>	<b>Acoustic Reflectors</b> <ul style="list-style-type: none"> <li>Speed of sound</li> <li>Finding Multiples</li> <li>Tracing Reflectors</li> <li>Computing Thickness</li> <li>Exporting Reflectors</li> </ul>	<b>Bathymetry Performance &amp; Editing</b> <ul style="list-style-type: none"> <li>The Patch Test</li> <li>Beam Performance Test</li> <li>Editing Bathymetry</li> <li>Creating Grids</li> <li>Error Models and CUBE</li> <li>Grid Editor</li> </ul>
13:00 - 14:00	Lunch Break	Lunch Break	Lunch Break
14:00 - 15:15	<b>Positioning &amp; Navigation</b> <ul style="list-style-type: none"> <li>Course Smoothing &amp; Interpolation</li> <li>Fish Heading &amp; Pitch Correction</li> <li>Sheave Offsets &amp; Layback</li> <li>Bottom Tracking</li> <li>Editing Navigation</li> </ul>	<b>SBP Profiles</b> <ul style="list-style-type: none"> <li>Adding SBP Contacts</li> <li>Adding Core Annotations</li> <li>Exporting SB Profiles</li> <li>Creating 3D Fence Diagrams</li> </ul>	<b>Working with Bathymetry</b> <ul style="list-style-type: none"> <li>Backscatter Processing</li> <li>Bathymetry Contacts</li> <li>3D PDF Contact Reports</li> <li>Volume and Difference</li> </ul>
15:15 - 15:45	Break	Break	Break
15:45 - 16:30	<b>Signal Processing, Contacts and Features</b> <ul style="list-style-type: none"> <li>Gains &amp; Signal Processing</li> <li>Contacts</li> <li>Features</li> </ul>	<b>Advanced Tools &amp; Tips</b> <ul style="list-style-type: none"> <li>Map Corrections</li> <li>NavInjectorPro</li> </ul>	<b>Real-Time Operation</b> <ul style="list-style-type: none"> <li>Loading servers, acquisition</li> <li>Planning and RT Displays</li> <li>Helm Display</li> </ul>
16:30 - 16:45	Break	Break	Break
16:45 - 17:30	<b>Sidescan Products</b> <ul style="list-style-type: none"> <li>Mosaic and Mosaic Tiles</li> <li>Project Reports</li> <li>Web exports</li> </ul>	<b>Magnetometer Processing</b> <ul style="list-style-type: none"> <li>Importing Data</li> <li>Adding Mag Anomalies</li> <li>Anomaly Reports</li> </ul>	<b>Course Wrap-Up</b>
17:30 - 18:30	Open Discussion, Questions	Options for one-on-one with CTI Staff	Follow-up