

Time (UTC-5)	Monday - December 5, 2022 <b>Workshops &amp; SonarWiz 101</b>	Tuesday - December 6, 2022 <b>Sidescan Processing</b>	Wednesday - December 7, 2022 <b>Sub-bottom Processing</b>	Thursday - December 8, 2022 <b>Bathymetry Processing</b>
8:00 - 8:30		<b>Registration</b>	<b>Registration</b>	<b>Registration</b>
8:30- 09:30	<b>Coffee</b>	<b>Welcome</b> <b>What's New in SonarWiz 7.10.1</b> <b>Positioning Configuration</b> <ul style="list-style-type: none"> <li>Coordinate Systems</li> <li>Preferences and Settings</li> </ul> <b>Importing Data</b> <ul style="list-style-type: none"> <li>File Import</li> <li>Import Options</li> </ul>	<b>Sub-bottom Fundamentals</b> <ul style="list-style-type: none"> <li>Coloring SBP</li> <li>Bottom Tracking</li> <li>Scaling &amp; Annotation</li> <li>Gain &amp; Filter Settings</li> <li>Vertical 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> </ul>
9:30- 10:00	<b>Fundamentals of Sidescan With Edgetech</b>  <i>location: Courtyard Marriott Downtown - Meeting Room Level 1</i>			
10:00-10:15		<b>Coffee Break</b>	<b>Coffee Break</b>	<b>Break</b>
10:15-11:30		<b>Positioning &amp; Navigation II</b> <ul style="list-style-type: none"> <li>Smoothing, Offsets &amp; Laybacks</li> <li>Bottom Tracking</li> </ul> <b>Signal Processing</b> <ul style="list-style-type: none"> <li>Gains &amp; Filters</li> <li>Overlap modes</li> <li>Trimming &amp; Range Settings</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 Tools for Editing</b> <ul style="list-style-type: none"> <li>Editing Bathymetry</li> <li>Creating Grids</li> <li>The Patch Test</li> <li>Beam Performance Test</li> </ul>
11:30-13:30	<b>Coffee Break</b>	<b>Lunch Break / Boat Demos</b> <i>Lunch is Provided</i>	<b>Lunch Break / Boat Demos</b> <i>Lunch is Provided</i>	<b>Lunch Break / Boat Demos</b> <i>(Lunch on your own)</i>
13:30-15:00	<b>SonarWiz 101 Starter Class</b>  <i>location: Courtyard Marriott Downtown - Meeting Room Level 1</i>	<b>Contacts</b> <ul style="list-style-type: none"> <li>Creating &amp; Editing</li> <li>Filters</li> <li>Reports &amp; Exporting</li> </ul> <b>Mosaics &amp; Exports</b> <ul style="list-style-type: none"> <li>GeoTiffs &amp; Tiles</li> <li>Web &amp; Google Earth</li> <li>Project Reports</li> </ul>	<b>Sub-bottom Products</b> <ul style="list-style-type: none"> <li>Creating 3D Surfaces</li> <li>Adding SBP Contacts</li> <li>Exporting SB Profiles</li> </ul> <b>3D Visualization</b> <ul style="list-style-type: none"> <li>Creating 3D scenes, draping sidescan</li> <li>Visualizing SBP</li> <li>Movies &amp; 3D PDFs</li> </ul>	<b>Working with Bathymetry</b> <ul style="list-style-type: none"> <li>Backscatter Processing</li> <li>Bathymetry Contacts</li> </ul> <b>Closing Remarks</b> <ul style="list-style-type: none"> <li>Looking Ahead</li> <li>Plans for 2023</li> <li>CTI on the road</li> </ul>
15:00-15:15		<b>Coffee Break</b>	<b>Coffee Break</b>	
15:15-17:00	<b>Bathymetric Multibeam Mapping -</b> Acoustically Derived Accuracy and Precision with Seahorse Geomatics  <i>location: Courtyard Marriott Downtown - Meeting Room Level 1</i>	<b>Advanced Sidescan Topics</b> <ul style="list-style-type: none"> <li>Map Corrections</li> <li>NavInjectorPro</li> <li>Automation</li> </ul>	<b>Magnetometer</b> <ul style="list-style-type: none"> <li>Importing Data</li> <li>Adding Mag Anomalies</li> <li>Anomaly Reports</li> </ul>	
17:00-19:00	<b>Sponsors Reception</b> Sponsored by CTI	<b>Class Reception @ Pour Taproom</b> Sponsored by CTI	<b>Class Reception @ Pour Taproom</b> Sponsored by SES	<b>Head home</b>