

2021 Chesapeake Technology SonarWiz 7 Training Agenda

Time (UTC-5) Session	Tuesday - December 14 Sidescan Processing	Wednesday - December 15 Sub-bottom Processing	Thursday - December 16 Bathymetry Processing
8:00 - 9:00	Registration	Registration	Registration
9:00 - 10:15	Welcome What's New in SonarWiz 7.08.03 Positioning & Navigation <ul style="list-style-type: none"> Project Settings Import Settings Smoothing, Offsets & Laybacks Bottom Tracking Editing Navigation 	Sub-bottom Fundamentals <ul style="list-style-type: none"> SEGY settings Coloring SBP Bottom Tracking Scaling & Annotation Gain & Filter Settings Tides Vertical Alignment 	Bathymetry Project Setup <ul style="list-style-type: none"> Configuring Vessel Files Loading SVP and Tide data Importing Bathymetry Merge Process Automatic Filtering
10:15 - 10:45	Break	Break	Break
10:45 - 12:00	Signal Processing <ul style="list-style-type: none"> Gains & Filters Trimming & Range Settings 	Acoustic Reflectors <ul style="list-style-type: none"> Speed of sound Finding Multiples Tracing Reflectors Computing Thickness Exporting Reflectors 	Bathymetry Tools for Editing <ul style="list-style-type: none"> The Patch Test Beam Performance Test Editing Bathymetry Creating and Editing Grids Error Models and CUBE
12:00 - 13:00	Lunch Break <i>Lunch is Provided</i>	Lunch Break <i>Lunch is Provided</i>	Lunch Break
13:00 - 15:00	Contacts <ul style="list-style-type: none"> Creating & Editing Filters Reports & Exporting Features <ul style="list-style-type: none"> Digitizing & Classification Exporting Mosaics & Exports <ul style="list-style-type: none"> GeoTiffs & Tiles Web & Google Earth Project Reports Advanced Sidescan Topics <ul style="list-style-type: none"> Map Corrections NavInjectorPro Automation 	Sub-bottom Products <ul style="list-style-type: none"> Creating 3D Surfaces Adding SBP Contacts Adding Core Annotations Exporting SB Profiles 3D visualization 3D Visualization <ul style="list-style-type: none"> Creating 3D scenes, draping sidescan Visualizing SBP Movies & 3D PDFs Magnetometer <ul style="list-style-type: none"> Importing Data Adding Mag Anomalies Anomaly Reports 	Working with Bathymetry <ul style="list-style-type: none"> Backscatter Processing Bathymetry Contacts Volume and Difference Seabed Characterization Real-Time Operation <ul style="list-style-type: none"> Loading servers, acquisition Planning and RT Displays Helm Display Closing Remarks <ul style="list-style-type: none"> Looking Ahead Plans for 2022 CTI on the road
15:00 - 17:00	<i>One-on-ones with CTI Staff, Meet Partners, Boat Demos</i>	<i>One-on-ones with CTI Staff, Meet Partners, Boat Demos</i>	<i>One-on-ones with CTI Staff, Meet Partners, Boat Demos</i>
17:00 - 19:00	Class Reception <i>Sponsored by CTI</i>	Evening Social <i>Sponsored by SES & Teledyne Marine</i>	Head home (or the closest bar)