

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