

SonarWeb: Fast GIS-compatible mosaics, coverage and survey summary reports for sidescan and seismic data.

SonarWeb produces fast, accurate sonar mosaics and summary reports while underway or in the office. Compatible with ArcView, AutoCAD, Netscape and Internet Explorer V4.0 or later, SonarWeb delivers crisp mosaics, charts and statistics on each survey line. Output can be projected into over 1000 different coordinate systems.

Runs on Windows NT/2K/XP.

The screenshot shows the SonarWeb application window titled "CR.xml - SonarWeb". The interface includes a menu bar (File, Edit, View, Utilities, 3D, Help), a toolbar, and a license notice for John Gann at Chesapeake Technology, Inc. The main area is divided into a left-hand navigation tree and a right-hand main display. The navigation tree lists various data files such as "line9.html", "line11r.html", "line13.RAW", "line15.BTK", etc. The main display shows "Project Information" for "NAD83 Massachusetts State Planes, Mainland Zone, Meter". It includes a table of project statistics and a thumbnail of a sonar mosaic. Below this is a table titled "Click on Sonar File for full Details" listing data files with their file sizes, start times, and end times.

Item	Description	Click thumbnail to see full mosaic		
Number of Acoustic Data Files	6			
Total Acoustic Data Size (MB)	387.6			
Total Line Length (Meters)	11724.5			
Total Swath Area (SQ. Meters)	1148555.8			
Mosaic Size (Meters)	1354.7 X 1983.0			
Mosaic Resolution (Meters/pixel)	2.00			
Mosaic Size Pixels	680 X 991			
Click on Sonar File for full Details				
Data File	File Size		Start Time	End Time
E:\SonarData\CBVine9.xtf	63437 KB		10/01/2002 13:33:09	10/01/2002 13:52:0
E:\SonarData\CBVine11r.xtf	65339 KB	10/01/2002 15:25:52	10/01/2002 15:45:1	
E:\SonarData\CBVine17.xtf	65517 KB	10/01/2002 14:21:33	10/01/2002 14:41:1	

Chesapeake

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SonarWeb: Near real-time mosaic and web production from almost any sidescan or sub-bottom data set.

SonarWeb: Fast, complete, crisp, accurate GIS and web compatible sonar mosaics and survey reports at sea or in the office.

With SonarWeb, you can...

- ➔ Walk off the boat with a complete geo-referenced mosaic and survey report that can be viewed by anyone with a web browser.
- ➔ Drop your entire processed survey directly into ArcView or AutoCAD for further processing.
- ➔ View and distribute your entire survey without special software using your favorite web browser.
- ➔ Get detailed analysis of every survey line including navigation statistics, channel info, swath coverage, fish altitude and much more.
- ➔ Quickly publish the entire survey results on internet or intranet.



Software specifications...

Operating System: Windows NT, 2K, XP.

Side Scan Sonar Input File Types: MST, Q-Mips, XTF, Klein SDF, Imagenex SportScan and 858, Hypack.HSX, Submetrix.SRX, GeoAcoustics.SWP, MUSE and others.

Seismic Input File Types: DataSonics Chirp, Edgetech GeoStar & XStar, ODEC Bathy 2000, Delph.TRA and SEG-Y, MUSE and others.

Output Image File Types: GeoTiff, JPEG/JGW.

Output Vector File Types: ArcView Shapefiles, AutoCAD DXF, Comma Separated Text (.CSV).

Integrated Tools: Navigation Editor, Bottom Tracker, Layback Editor, Digitizer.

Sonar Processing Functions: Slant Range Correction, Speed Correction, Beam Angle Correction.

Gridding, Contouring & 3D View: Kriging interpolation of single beam bathy with shaded relief, wireframe and draped sidescan imagery.

Digitizer: Generates vector files (.DXF, .SHP, .CSV) of selected mosaic features.

Coordinate Systems: Support for over 1000 different coordinates systems¹ in SonarWeb Pro.

Target Processing: Generate web report of digitized targets and link dynamically to mosaic¹.

Thermal Printer Support: Print any image to EPC 980x, 1086, HSP-1000, TDU-850, 1200, 2000, Isys, Alden¹, Ultra 120 and Ultra 200.

¹SonarWeb Pro only



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