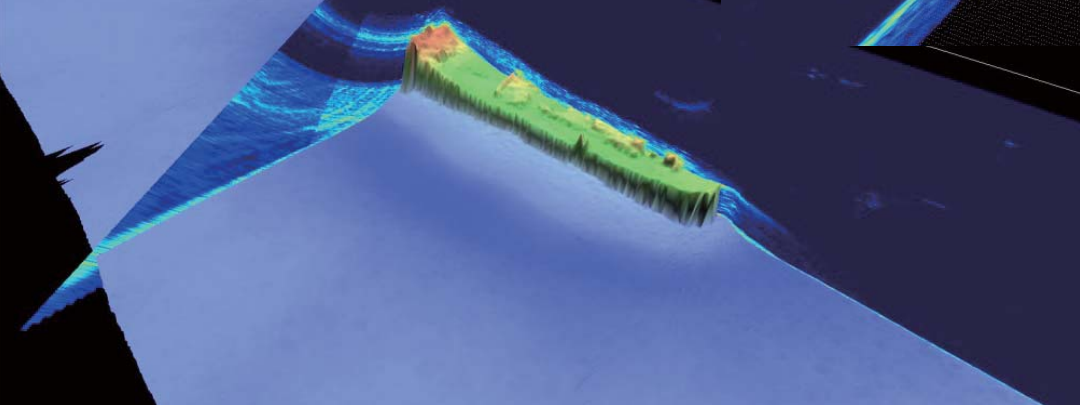
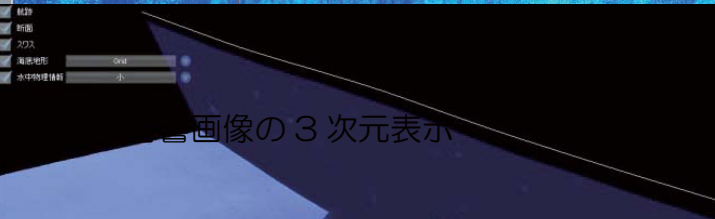
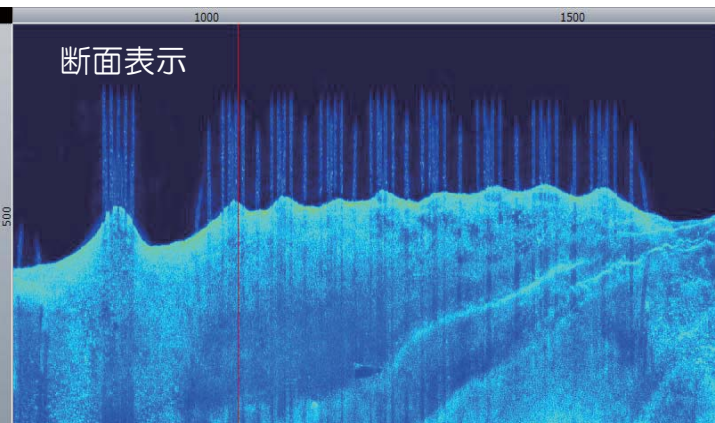
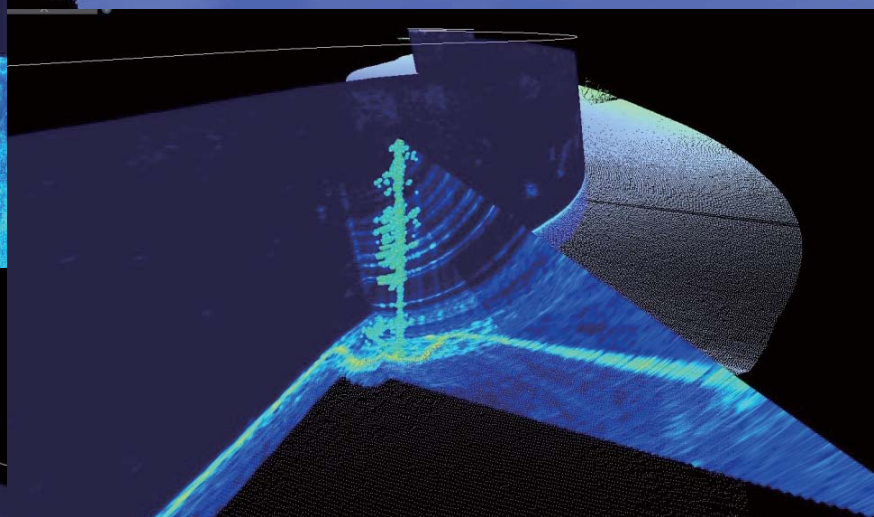
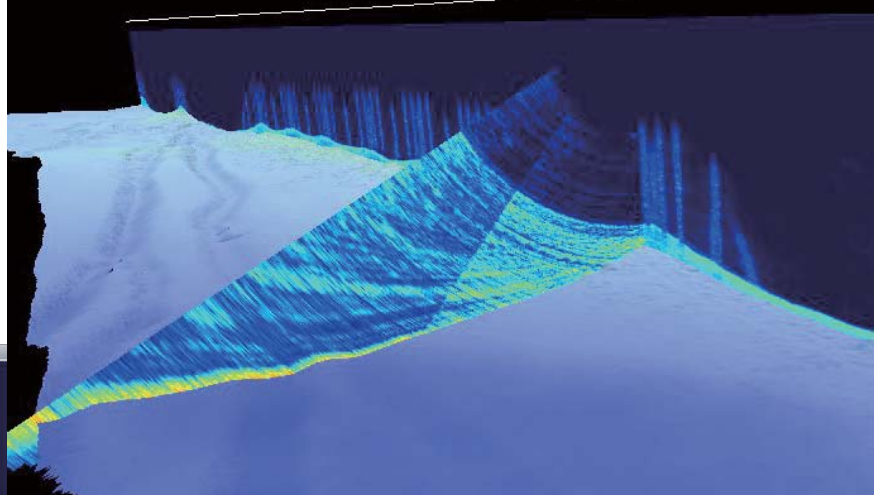


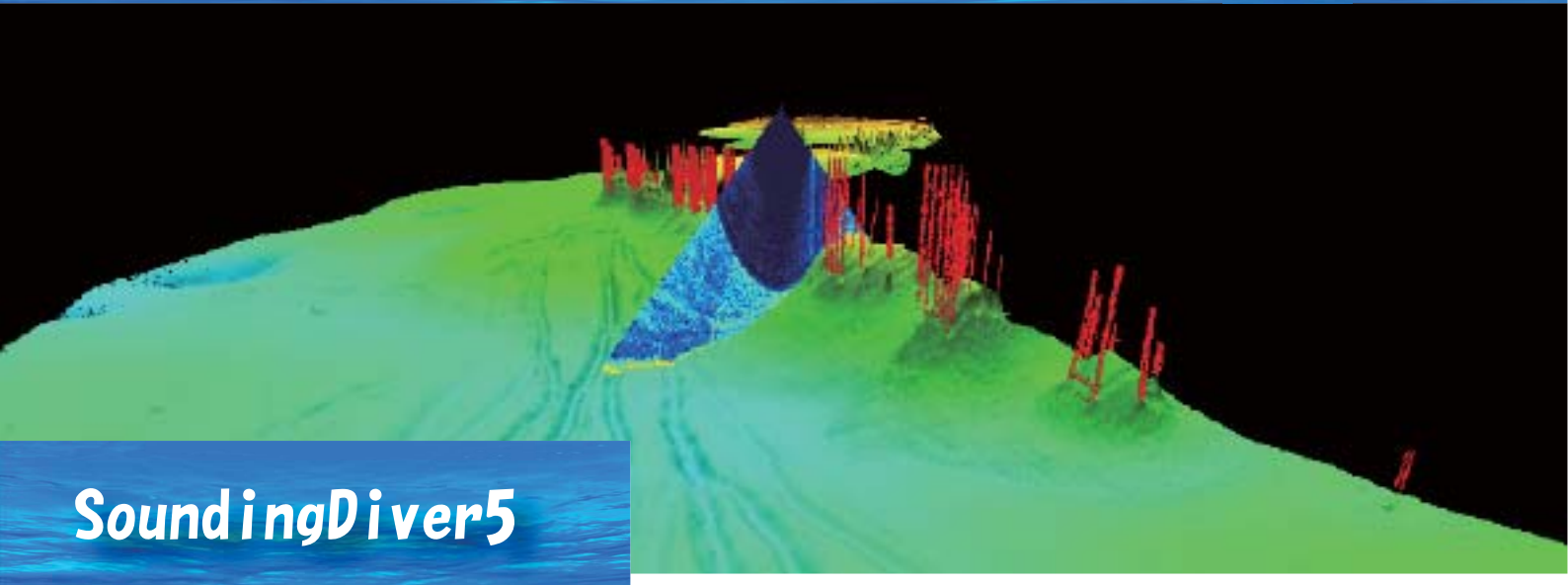
Water Column Data Processing Software

SoundingDiver5

This software can display graphically swath shape water column information acquired by a multi-narrow beam echo sounder.

- Show water column data graphically
It will be able to visually detect the suspended solids in the water by the graphical display in swath cross-section, longitudinal section, plan view and three-dimensional.
It is effective in the detection of underwater floating objects such as hot water ejecta, spring water and shoal of fish.





SoundingDiver5

Main features of SoundingDiver5

- Display underwater acoustic image graphically
 - Display graphically underwater acoustic image created from acquisition files
 - Swath image
 - Cross-sectional image
 - Track, shaded relief image
 - Three-dimensional image
- Free adjustment of image level, number of beams, range, water depth width for the underwater acoustic image
 - It's possible to set the range of the display beam.
- Position indication
 - It's possible to measure the location in the underwater acoustic image.
- Simple 3-dimensional display
 - Display 3-dimensional underwater acoustic image, superimposed on track and bathymetric data.
- Extraction of underwater physical information
 - Display 3-dimensional preview of extracted underwater physical information.
- Noise removal of underwater physical information
 - It's possible to remove noise in the underwater physical information by an eraser tool.
- Batch output of underwater acoustic image
 - By using setting of a display, you can batch output the underwater acoustic image from multiple files.
- Video output of underwater acoustic image
 - Continuous Swath cross section video can be created by using one Swath underwater acoustic image as one frame.
 - ⇒This video can be played 3-dimensionally by our Visual3DX-5.

Input/output data

	File Format	File Type
Input data	ASD	Hydro sweep acquisition files
	ACF	
	ALL	EM series acquisition files
	WCD	
	Ping3D	
Output data	Bitmap	Swath image/Cross-sectional image/ Wake image/ Three-dimensional iBitmappage
	CSV	Water physical information
	AVI	Continuous cross section video of underwater acoustic image

Operating environment

PC	OS	Windows7 SP1, or later (64bit)
	CPU	Intel Core i7 2600K, or more
	Memory	8 GB, or more
	Hard Disk	50 GB, or more
	Graphic board	GeForce GT610 or Radeon HD6450, or more
	Peripherals	CD-ROM, keyboard, mouse
Screen	Resolution	1280 × 1024, or higher
	number of colors	True Color 32 bits, or more

