

Sub-Bottom Profiler Processing Software

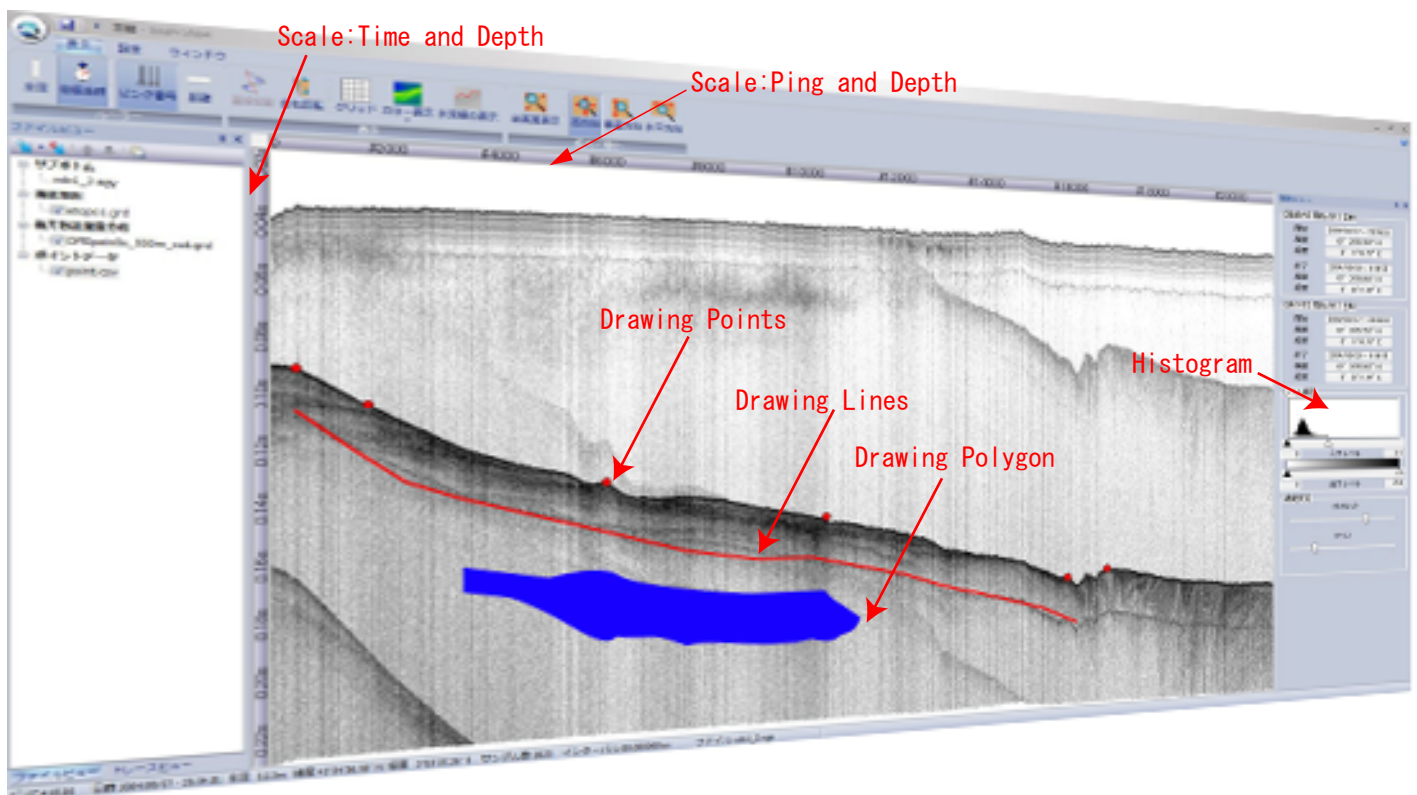


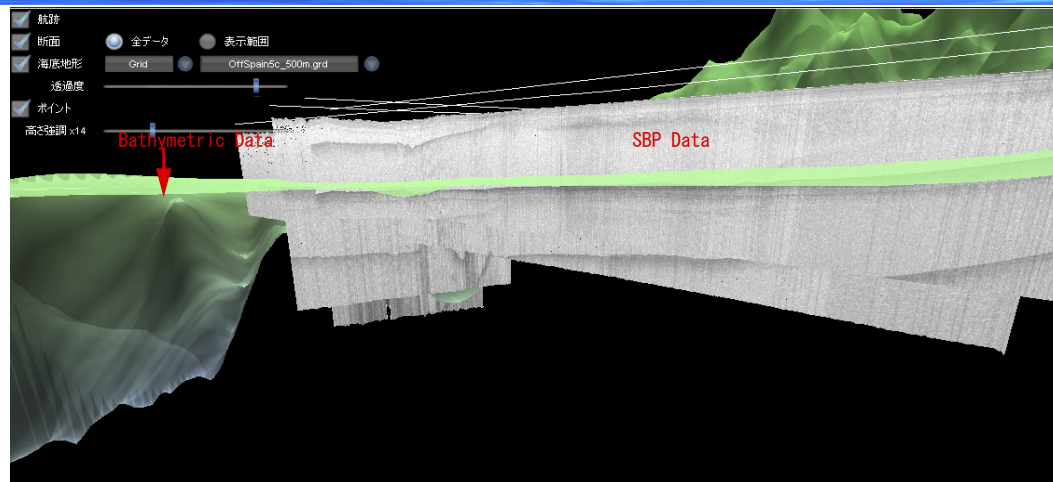
Powerful data display software

SeaProfile6 can display some large sub-bottom data recorded in segy format graphically. In addition, it is a powerful visualization, charting processing software corresponding to the light and shade adjustment and color display of the image.

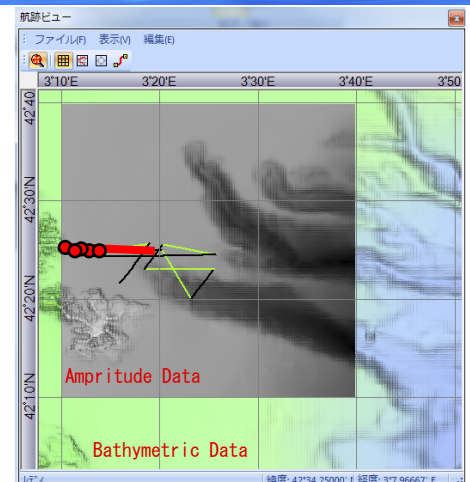
SeaProfile6 can do the next thing.

- ① It's freely arranged points, polylines, and polygons on the SBP picture.
- ② It's piled up and it indicates the track, bathymetric data and acoustic pressure data.
- ③ It shows visually the underground structure by a three-dimensional display function of bathymetric data and SBP image.





Indication example of 3D view



Track View



Function list

■Cooperation display of tracking and cross-sectional image

It's possible to designate an optional cross section while seeing a wake figure.

■Switching of horizontal axis ping or distance indication and vertical axis the water depth or two way travel time

It's possible to choose a horizontal axis as the ping number or the distance, and it's possible to choose a vertical axis as the two way travel time or the water depth.

■Density conversion of the image data

It's possible to indicate a histogram of the density value of the picture. It's also possible to choose the density of the indicated picture by a slider on the histogram.

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■Setting range of drawings

It's possible to set in detail of the display scale or display range.

■Editing and Displaying of points, polylines, and polygons by the trace tool

Points, polylines, and polygons can be added or edited on the SBP image. Position information of the trace results can be exported to a CSV file.

■Bookmark

A drawing area, as a bookmark, more than one, it is possible to save some bookmarks..

The drawing area set by choosing a preserved bookmark can be indicated efficiently.

■Display of bathymetric map, intensity map, points data

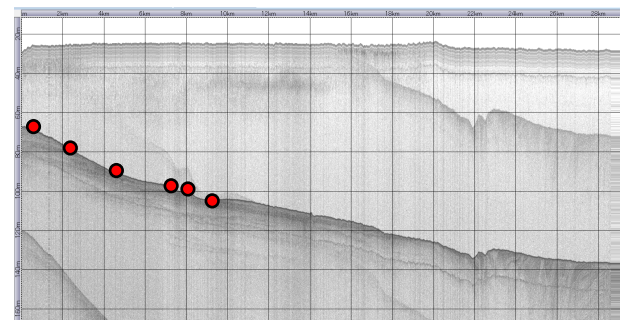
Bathymetric map, intensity map, points data can be displayed on the Track View

■Three-dimensional display of SBP image, track, bathymetric map, points

Three-dimensional display of SBP image, track, bathymetric map, points is available.

■Print/ / Image output

Print or image output of the registration data is available at the same scale of the image on Image View.



SBP Image View

■Input/output data

	File format	File type
Input data	SEG-Y	SBP Data
Output data	Image	SBP image/3D image
	Postscript	SBP image/Track image
	C S V	Trace point (lat, lon, depth)
	Trace	Trace data (points, line, figure)

■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
	Graphics 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