DEDICATED TO MARINE HIGH-RESOLUTION SEISMIC PROCESSING

RadExPro

seismic software

GET MORE OUT OF YOUR HIGH-RESOLUTION MARINE SEISMIC DATA!

RadExPro provides superior seismic processing capabilities compared to typical software offered by equipment vendors. While these vendors specialize in electronics and hardware, we are a dedicated geophysical software company. Our team comprises experienced geophysicists and software engineers with extensive expertise in both high-resolution marine seismic data processing and algorithm programming.

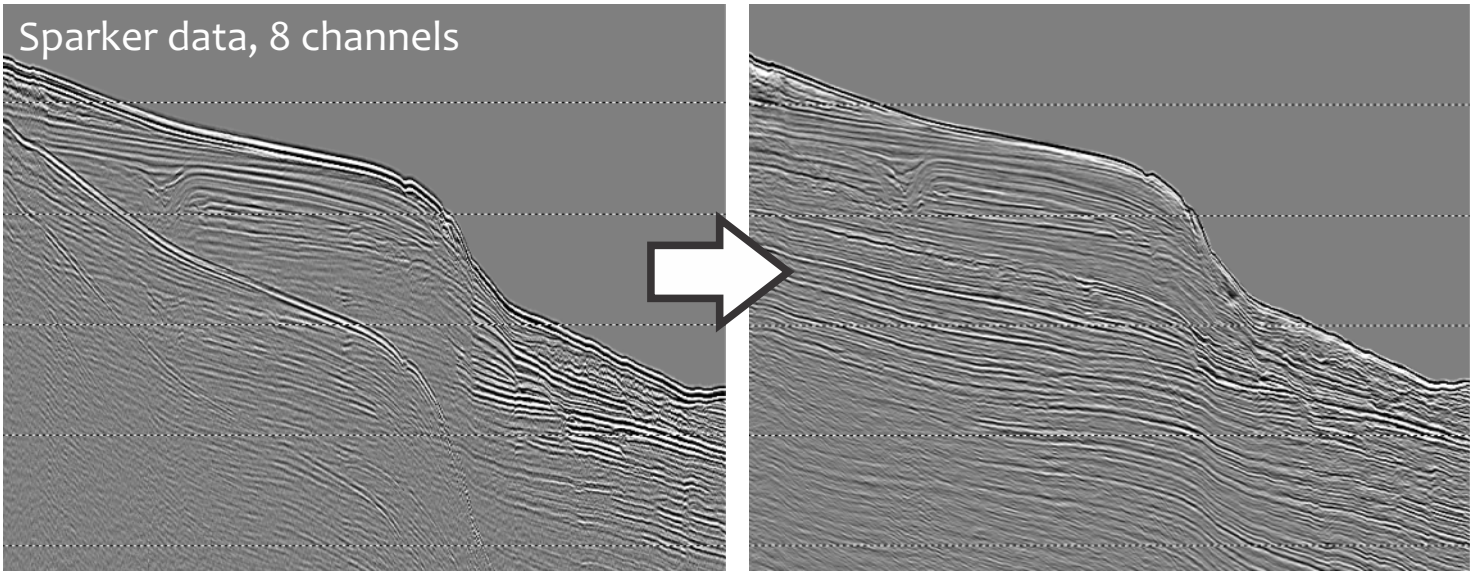
We leverage our proprietary processing knowledge and incorporate cutting-edge techniques from the oil-and-gas seismic industry. At a fraction of the cost of larger seismic processing systems on the market, our software solution significantly enhances the quality of high-resolution marine seismic data.

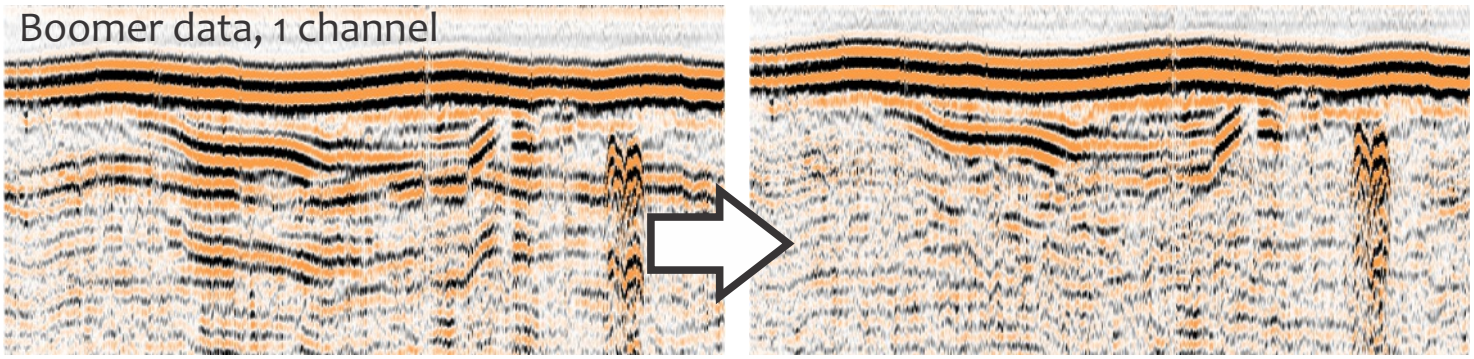
Whether dealing with single or multi-channel data, boomer, sparker, or airgun sources, and in 2D or 3D formats, **RadExPro** excels in in-depth processing. The software reveals more details and extracts additional geological information, making it a valuable tool for advancing seismic data analysis.

Dr. Sergey Buryak
Managing Director
RadExPro seismic software LLC

DEMULTIPLE

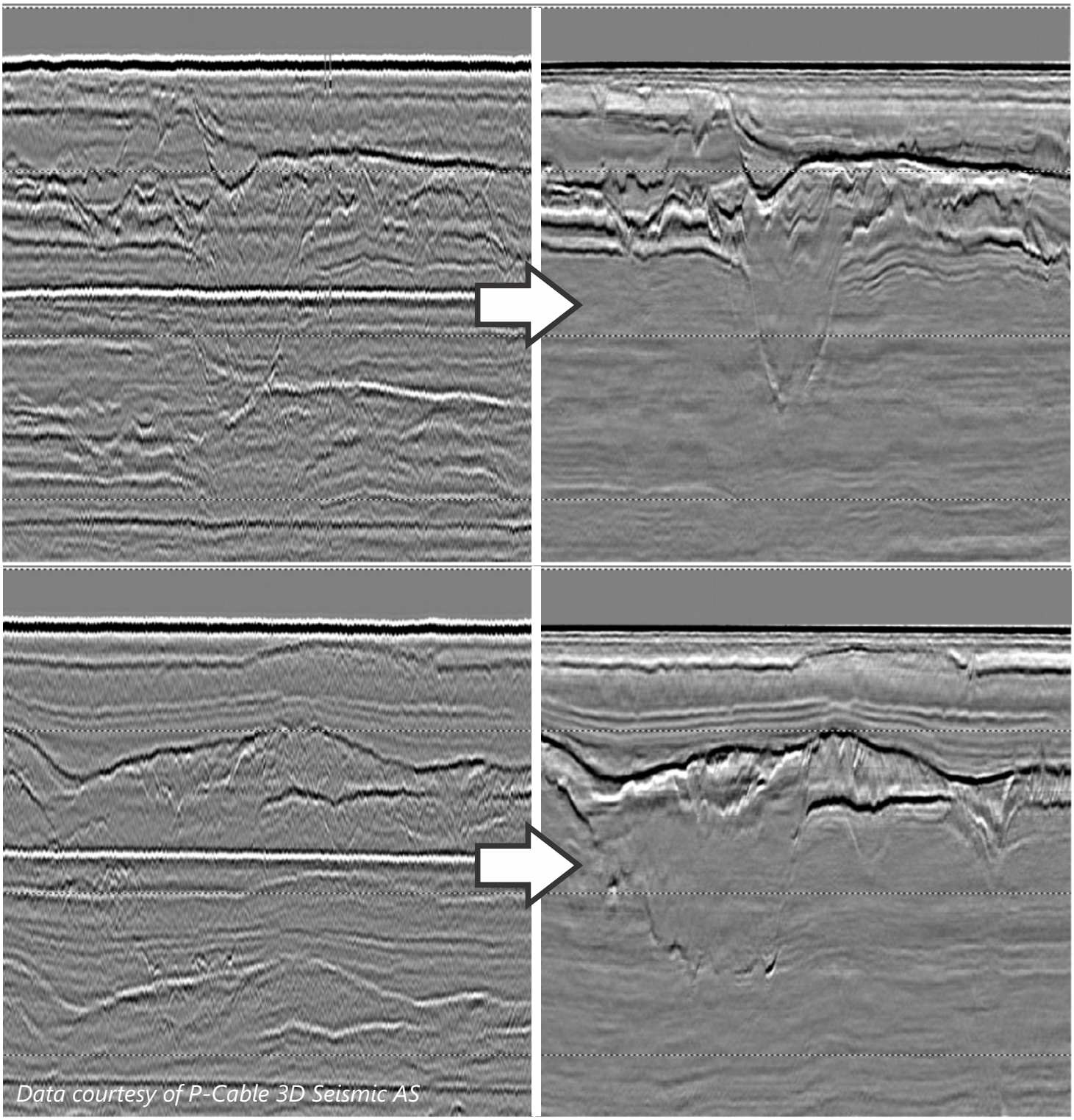
Remove disturbing multiples from your boomer and sparker records with *Zero-Offset Demultiple* routine. The algorithm was specially designed for single-channel data acquired at relatively short offsets. For bigger systems with more channels, the industry-standard *SRME* technique is available.



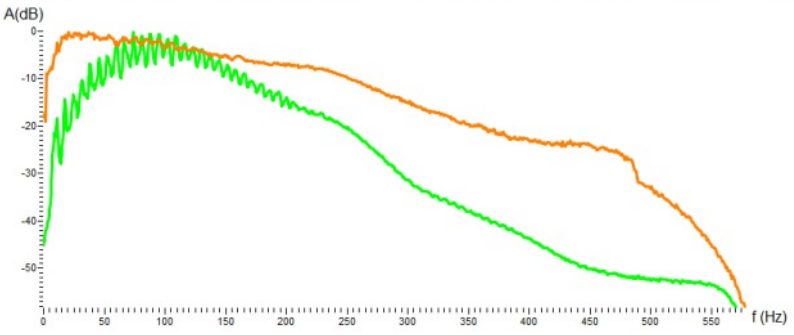


SharpSeis DEGHOSTING / BROADBAND PROCESSING

Make your seismics look really sharp and crispy using our *SharpSeis* deghosting solution. Suitable for both conventional and deep-tow HR/UHR seismic data, the technique dramatically improves data resolution making the record true broad-band.

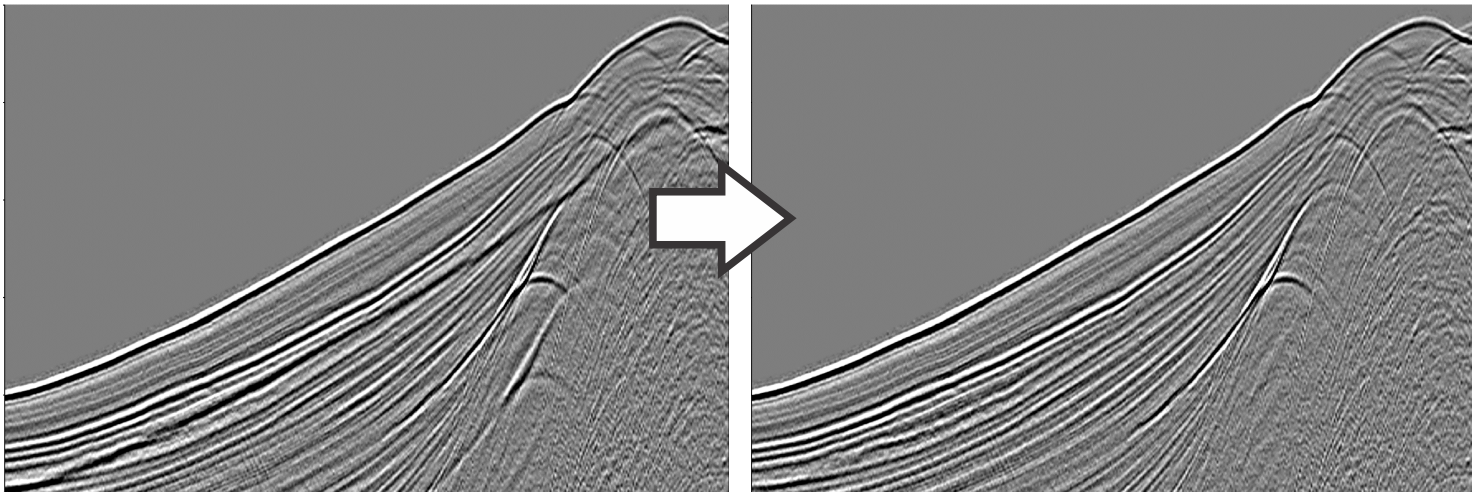


SharpSeis processing
conventional stack



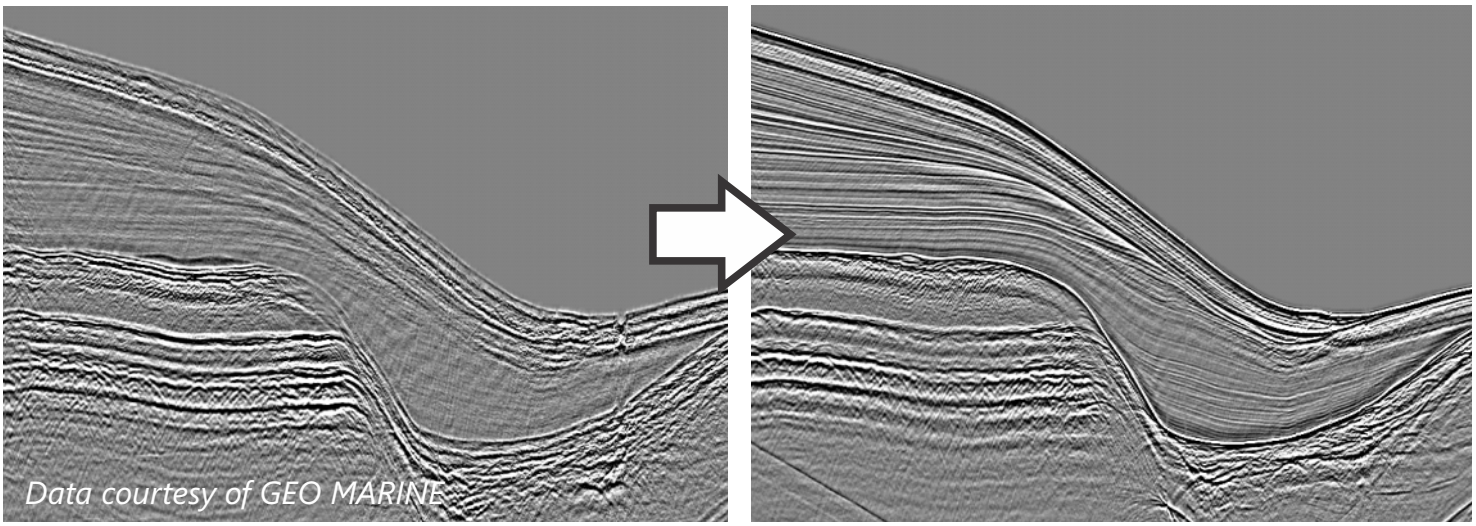
DEBUBBLING

Remove bubble noise efficiently from your data without affecting the wavelet. The algorithm is fairy easy to use and is based on Kholmogoroff spectral factorization.



HIGH-RESOLUTION MARINE STATICS

HR/UHR marine seismic data, especially the higher frequencies, can be significantly affected by sea swelling as well as any instabilities in towing conditions, which can compromise the resolution of the record and ruin continuity of reflections. These destructive effects can be eliminated by marine static corrections calculated and smoothed in different domains (common shot gather, common receiver gather), with subtraction of seafloor trend. Below is an example of CMP stack before and after static corrections: 48 channels @ 1 m interval, sparker source.



MINIMUM RECOMMENDED SYSTEM REQUIREMENTS

Intel Core i5 CPU
16 GB RAM
Windows 7/8/10/11 64-bit OS

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