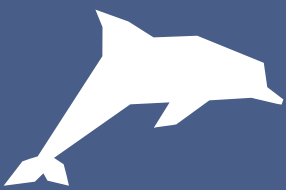# DEDICATED TO MARINE HIGH-RESOLUTION SEISMIC PROCESSING
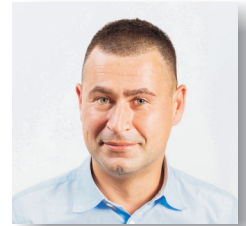
RadExPro

seismic software

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

RadExPro gives you much more seismic processing power than any typical piece of software provided by equipment vendors. While their main expertise is in electronics and hardware, we are a dedicated geophysical software company. Our team of geophysicists and software engineers have got an extensive experience both in processing of hi-res marine seismic data, and in programing of algorithms to advance and facilitate it.

We bring together our own processing expertise and state-of-the-art processing techniques borrowed from oil-and-gas seismic industry. For only a fraction of the cost of any big seismic processing system available on the market, we offer a software solution capable of improving the quality of high-resolution marine seismic data significantly.

Single or multi-channel, boomer, sparker or airgun, 2D or 3D -- high-resolution marine data can benefit from in-depth processing in **RadExPro**, revealing more details and extracting more geological information.
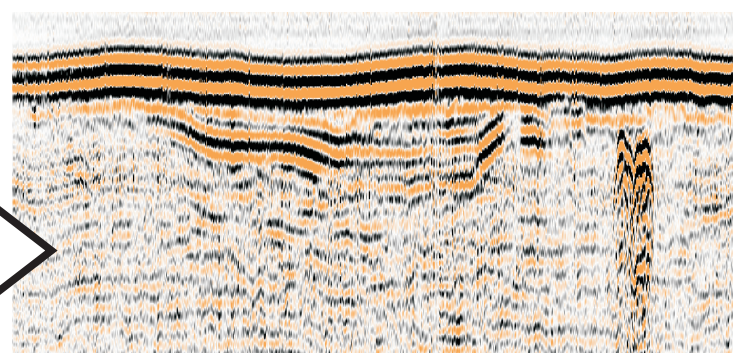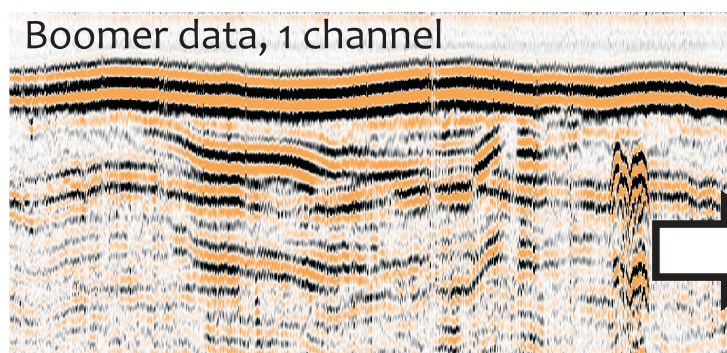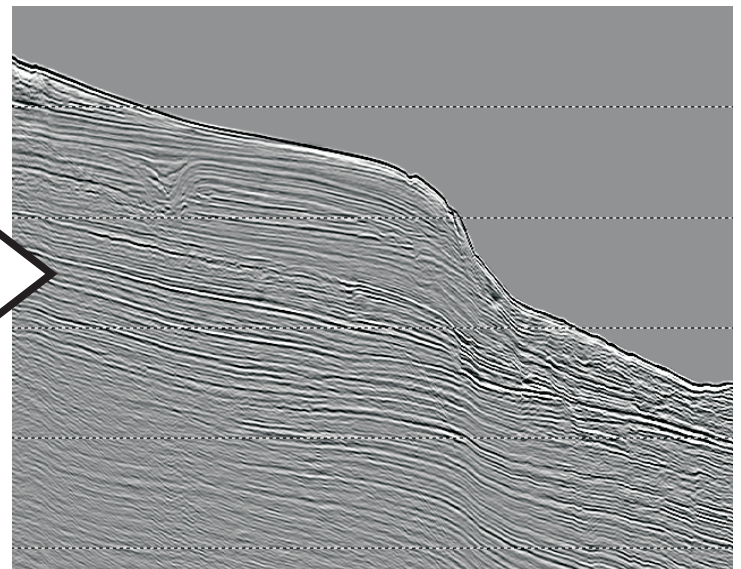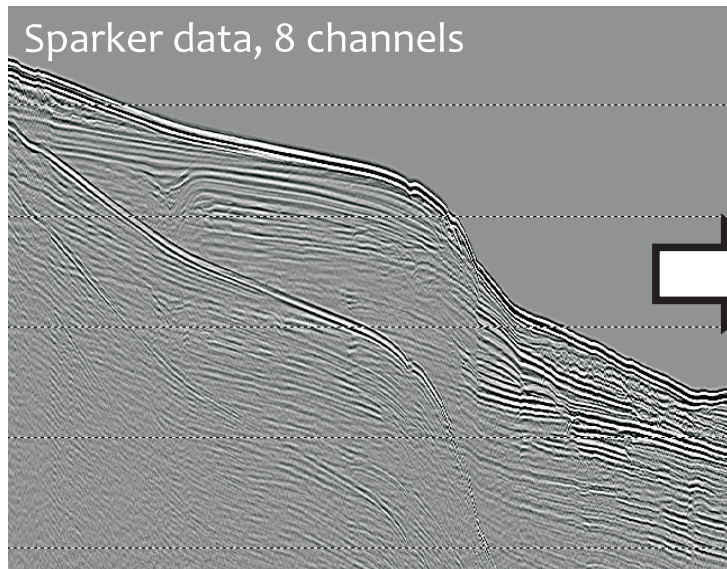
Dr. Sergey Buryak
Managing Director
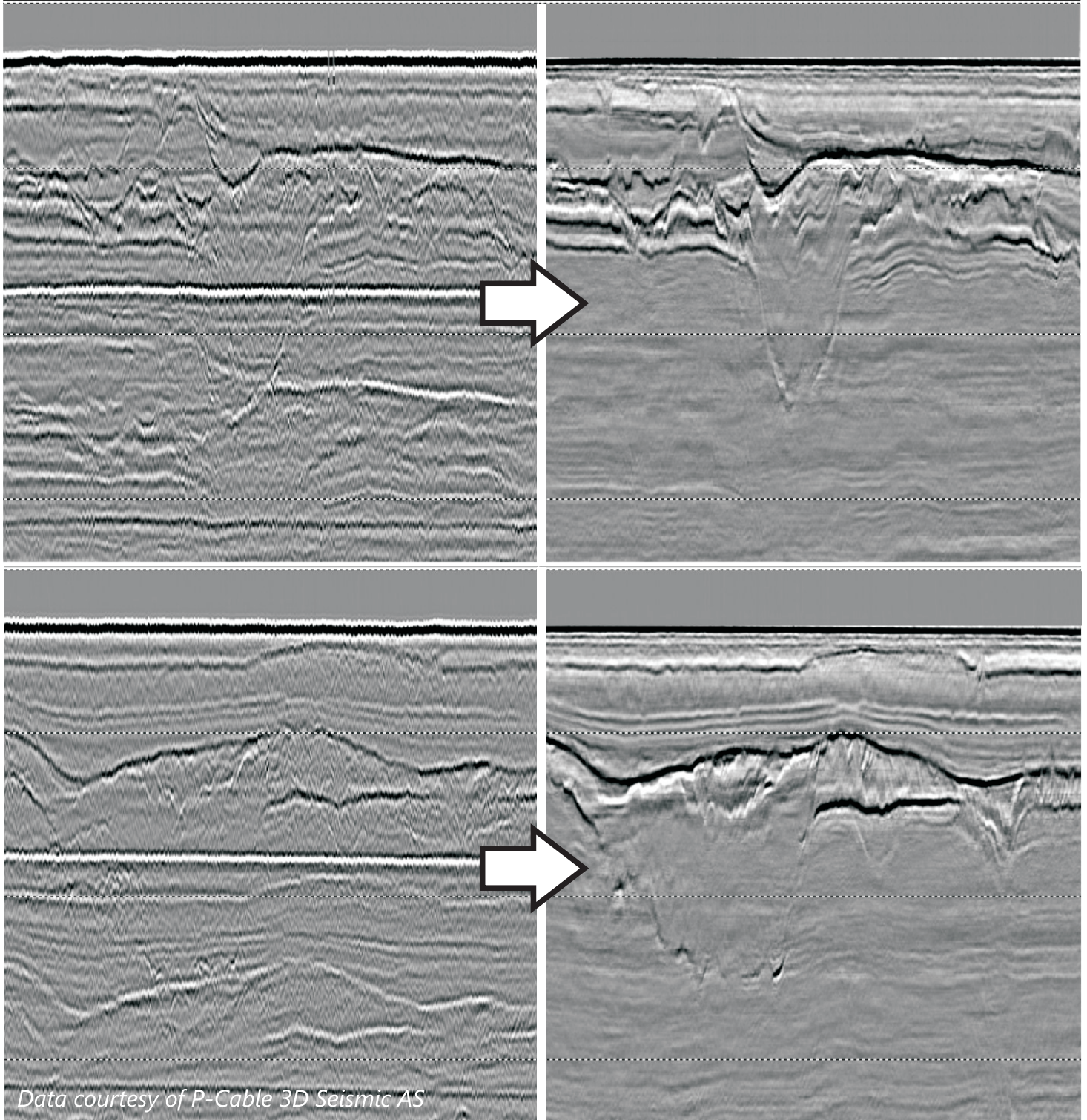**RadExPro Europe OÜ**

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.
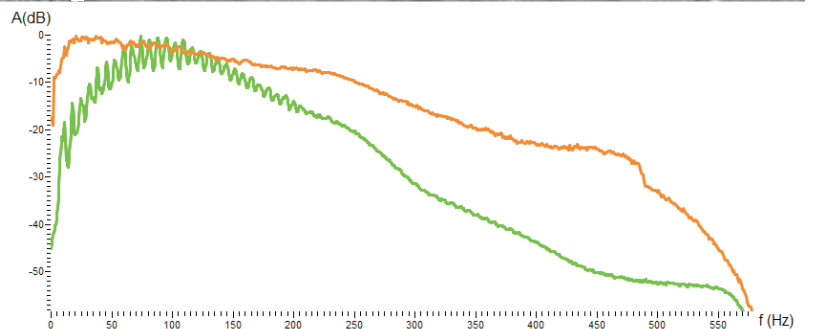
Sparker data, 8 channels

Boomer data, 1 channel

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.
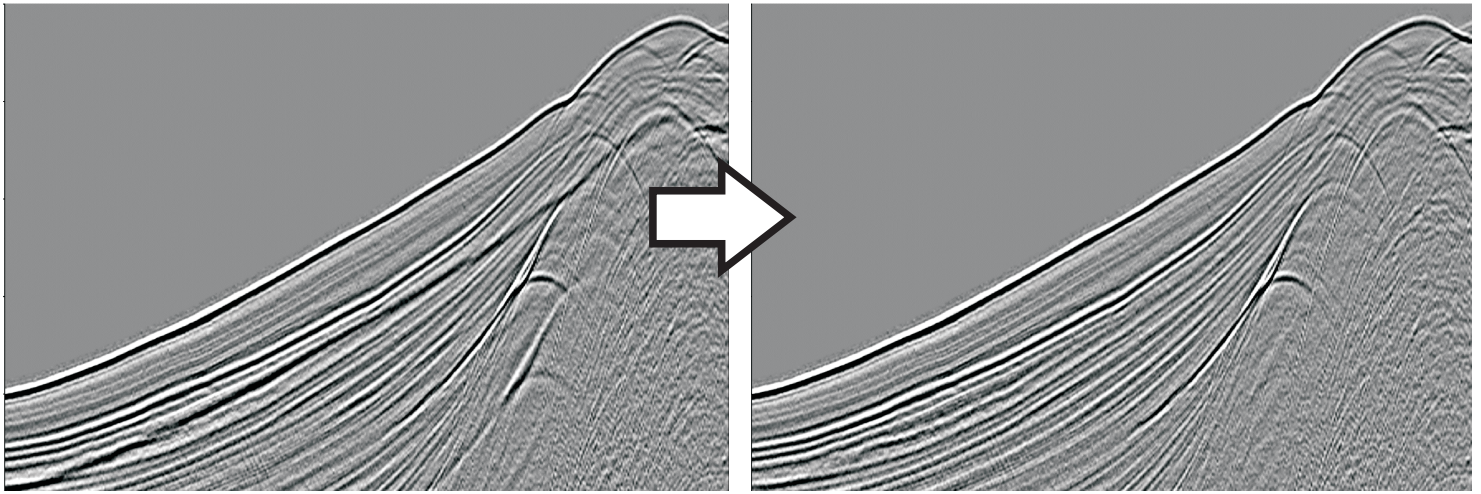

Data courtesy of P-Cable 3D Seismic AS
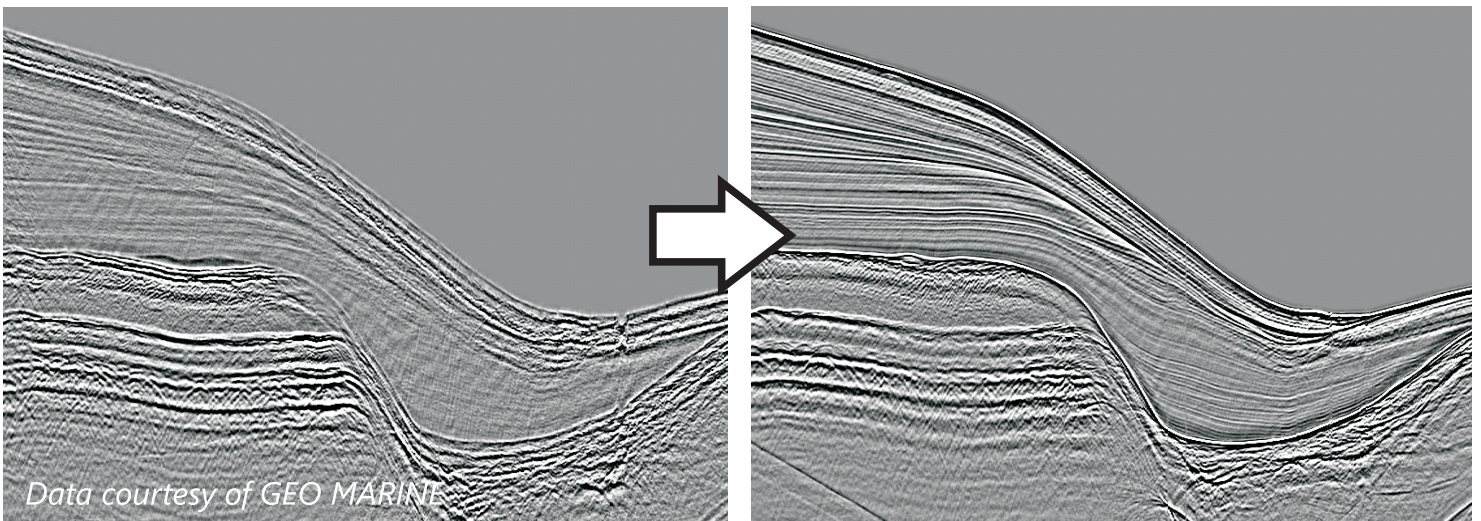

SharpSeis processing
conventional stack

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.

Data courtesy of GEO MARINE

MINIMUM RECOMMENDED SYSTEM REQUIREMENTS

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

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seismic software