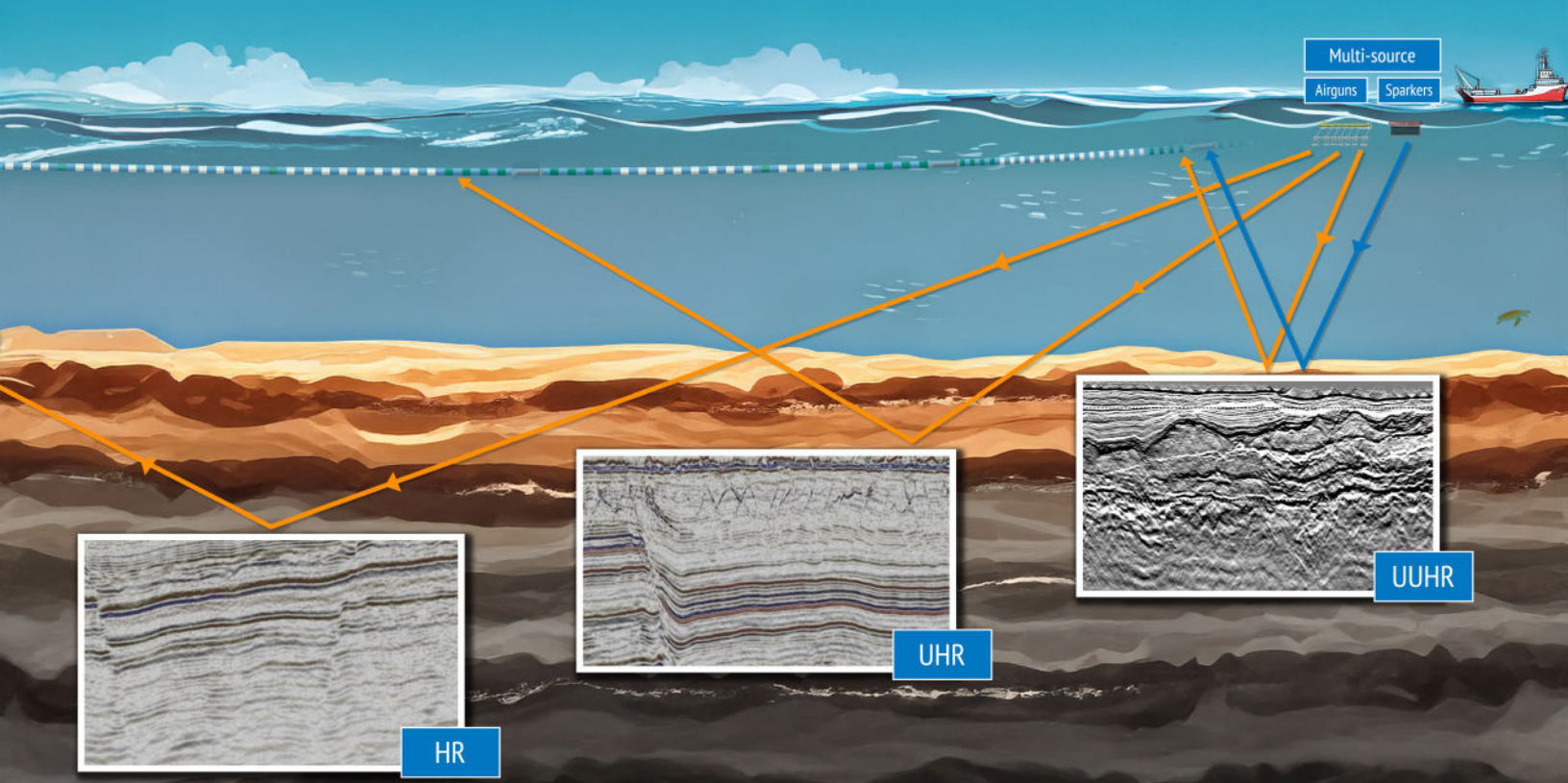


eXtreamer

Resolution Redefined

Revolutionary, Small Form Factor Streamer
Engineered for High-Resolution Marine Seismic Surveys





Combining Teledyne’s rugged construction and history of providing reliable high-quality streamers with Geometrics’ next-generation electronics, eXtreamer delivers exceptional ultra-high resolution in a compact, maneuverable package, and a flexible system with industry-leading specifications that can meet current and future UHR requirements.

This adaptable system excels in challenging deployments, including large-scale configurations and compact winch systems. Its robustness and flexibility ensure more survey time and less downtime, easy and quick relocation to new projects, and the ability to expand the system without having to replace it.

As the energy exploration landscape changes, the demand for streamers that can accommodate multiple surveys in quick succession is increasing. eXtreamer is the perfect fit for this evolving market.

Why eXtreamer

eXtreamer helps you solve these long-standing challenges:



- eXtreamer handles the channel spacing, density and bandwidth required by current seismic standards whereas legacy streamers and electronics cannot.
- Solid streamers can be prone to breakage in difficult environments, causing costly downtime and operational disruptions. The eXtreamer is designed to be robust while flexible to handle small or large UHR /UUHR configurations.
- Successful Surveys require efficient operations - Why limit yourself? With eXtreamer, get more data, unmatched flexibility, less downtime, and improved return on your investment.

Where eXtremer Excels

Offshore Wind Farm Development, Carbon Capture and Storage (CCS) Projects, Oil & Gas Exploration, Geotechnical Site Characterization, Shallow Hazard Assessment, Academic Research, and other situations.

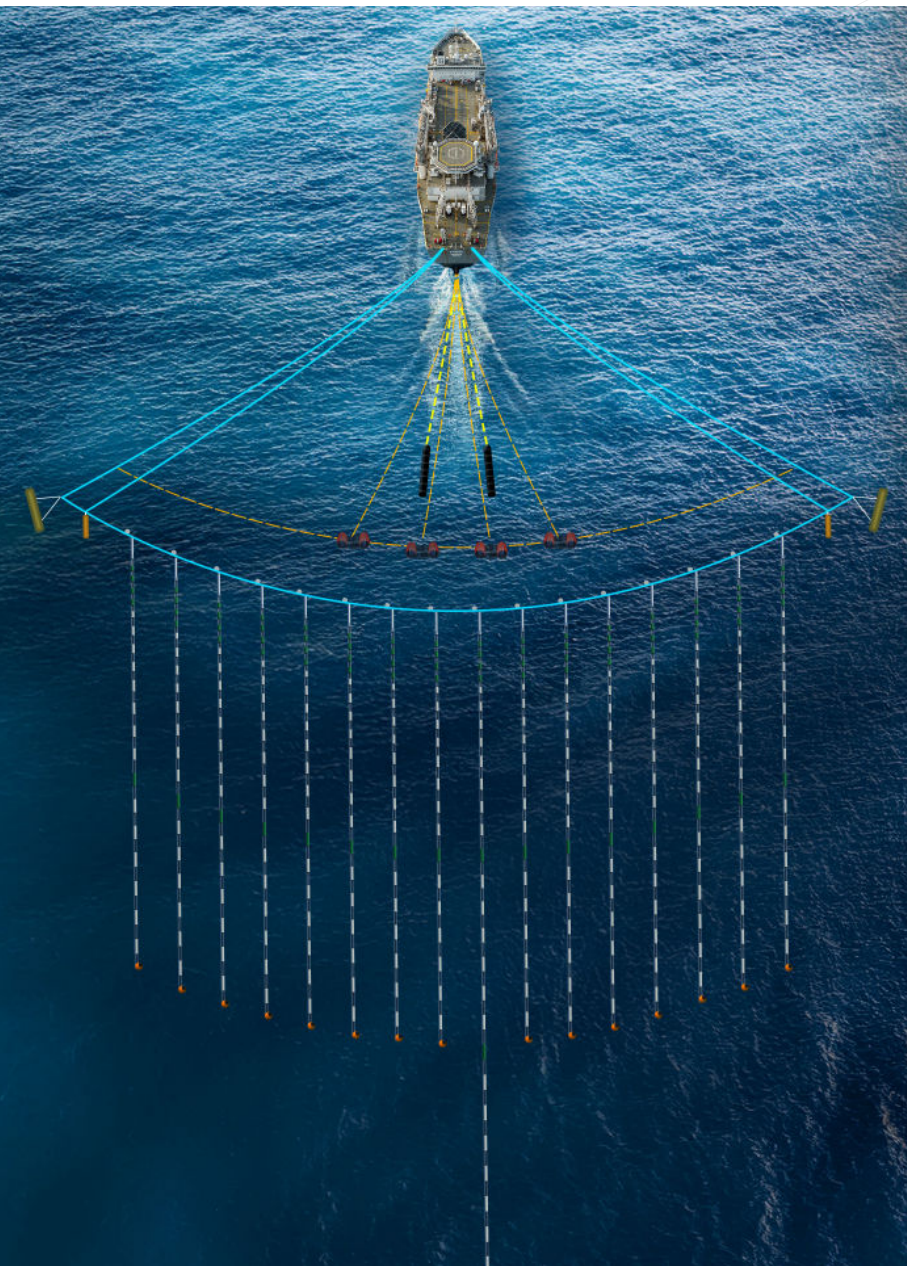
Unique Value Offered by eXtremer

- 1. Backed by Teledyne and Geometrics Expertise:** Seamlessly merges Teledyne's renowned product ruggedness with Geometrics' expertise in high-fidelity data acquisition, resulting in a streamer that excels in demanding conditions while capturing the most subtle subsurface details.
- 2. Exceptional Ultra-High Resolution:** Capture every detail with exceptional clarity, enabling precise identification of geological structures and potential hazards
- 3. Reduced Survey Time and Costs:** Quickly deploy and redeploy in consecutive or concurrent projects. Long-lasting performance and reduced downtime contribute to a lower total cost of ownership – one system for all surveys. eXtremer allows splitting single large systems into multiple smaller systems. The versatility of eXtremer meets survey requirements at every opportunity.
- 4. Exceptional Durability:** Robust gel-filled design and durable materials ensure long-lasting performance, minimize downtime, and provide worry-free handling even in large challenging deployments. This reduces maintenance costs and ensures consistent, reliable operation.
- 5. Tailored Solutions for Optimal Imaging:** Flexible design allows for various streamer configurations and channel spacing options, enabling customers to tailor the system to their exact imaging needs and achieve optimal data quality for diverse applications. Integrates with proven Teledyne Geophysical Instruments and Geometrics advanced seismic technologies.
- 6. Flexible Configurations:** eXtremer adapts to your specific requirements - from compact 2D surveys to complex 3D and P-Cable setups.
- 7. Scalable Solutions:** Geometrics' industry-leading LH-16 electronics can handle hundreds of channels today and scale to thousands tomorrow, ensuring your investment is future-proof.
- 8. Versatile Deployments:** Seamlessly integrates into your operations - whether it's a small survey vessel, a large research ship, or multiple vessels simultaneously. Surveys in confined areas and challenging environments are easily navigated by eXtremer's significant maneuverability and deployment flexibility. eXtremer is designed to work with Geometrics' LH-16 recording system for a streamlined workflow and top-tier data acquisition.



eXtremer

Resolution Redefined



eXtremer Specifications

- **Length:**
Custom Length and hydrophone configurations
- **Hydrophone Type:**
Teledyne T6
- **Sensitivity:**
~20 $\mu\text{V}/\mu\text{bar}$
- **Frequency Response:**
Up to 6 kHz + (varies with hydrophone configurations)
- **Dimensions:**
~55mm outer diameter
- **Weight:**
~2.5 kg/meter
- **Channel Spacing:**
1m, 1.56m, 3.125m, and 6.25m options available
- **Minimum Bend Radius:**
600mm (with bird coils) or 310mm.
- **Unmatched Data Quality:**
Benefits from the same high-resolution data acquisition and advanced ADC technology as the LH-16.
- **Flexible Configurations:**
Supports 2D, multi-2D, 3D, and P-Cable setups for a wide range of survey applications.
- **High Channel Count:**
Scalable to thousands of channels for large-scale surveys.
- **High-Frequency Acquisition:**
24-bit resolution at up to 16 kHz sampling rate for capturing the finest subsurface details.



TELEDYNE
GEOPHYSICAL INSTRUMENTS
Everywhereyoulook™

5825 Chimney Rock Road
Houston, TX 77081
Tel: +1 713 314 3381
TMGeophysicalInstruments@teledyne.com
teledynemarine.com/geophysical



GEOMETRICS

Simplify your search

2190 Fortune Drive
San Jose, CA 95131
Tel: +1 408 954 0522
Info@geometrics.com
geometrics.com