



SEAMAP
A MIND Technology Business

SEAMAP SEALINK™ SOLID STREAMER

HIGH PERFORMANCE STREAMER TECHNOLOGY FOR SUPERIOR OFFSHORE IMAGING

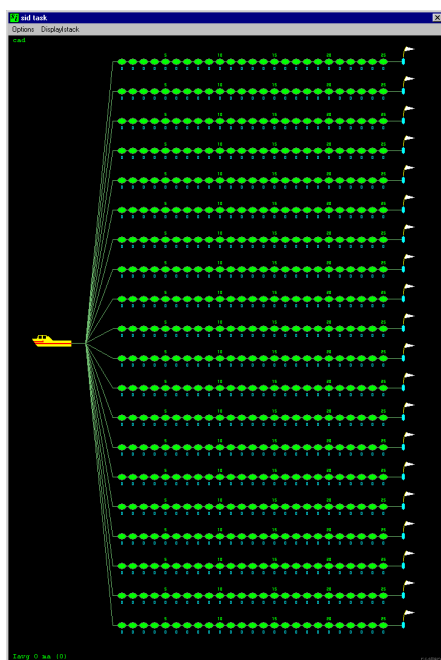
The Seamap SeaLink™ Solid Streamer is engineered to deliver exceptional seismic data quality, offshore reliability, and long-term durability for demanding marine survey operations.



Designed to integrate seamlessly with the SeaLink Recording System, SeaLink Digital Modules, and all other SeaLink related products. The system provides a complete acquisition solution from high channel streamers for 2D, 3D, 4D surveys too, High Resolution, and Ultra High-Resolution seismic surveys with a smaller footprint.

At the core of the SeaLink™ Solid Streamer with patented Hydrophone technology, utilizing advanced PVDF Thin Film sensors to independently detect and suppress flow noise while preserving true acoustic signal integrity. The result is a significantly higher signal-to-noise ratio, cleaner seismic data, and more accurate subsurface imaging even in challenging offshore environments.

Built with a rugged solid-core construction, torque-balanced cable design, and low stretch high modulus stress member, the SeaLink™ Solid Streamer delivers superior towing stability, simplified handling, and exceptional offshore reliability.



Key Features:

- Advanced PVDF Thin Film Hydrophones technology for enhanced data clarity
- Superior signal-to-noise ratio for improved seismic imaging
- Rugged solid streamer construction for maximum durability
- High channel capacity up to 1,920 channels (Bused option 3,840 channels)
- Reduced components and connections for improved reliability
- Bi-directional streamer sections for operational flexibility
- Simplified deployment, handling, and streamlined maintenance
- Stable towing characteristics in demanding offshore conditions
- Reduced bend radius for efficient onboard storage

Applications:

The SeaLink™ Solid Streamer is ideally suited for:

- Marine 2D Seismic Surveys
- Marine 3D & 4D Seismic Acquisition
- High Resolution Seismic Surveys
- Ultra High-Resolution Seismic Imaging
- HR3D Surveys
- Renewable Energy and Site Survey Characterization Projects
- Long offset surveys up to 15 km active lengths

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Specifications:

SeaLink Solid Streamer			
Coupling Connectors	56 Contact Circular Female Connectors	Group Interval	.78125 m, 1.5625 m, 3.125 m, 6.25 m and 12.5 m (Conventional)
Construction	Center Stress Core Cable with PU/ microsphere flotation over-mold	Configurations (Conventional)	1 X .78125 m Hydrophone 1 X 1.5625 m Hydrophone 2 X 3.125 m Hydrophone Groups 4 X 6.25 m Hydrophone Groups 4 X 12.5 m Hydrophone Groups
Overall Diameter	1.95 ± 0.015" Nominal OD	12 Ch @ 9.375 m & 24 Ch @ 18.5 m	
Minimum Over-mold Thickness	0.1875 ± 0.010" (0.630 ± 0.025 cm)	12 Ch @ 18.75 m & 24 Ch @ 37.5 m	
Chassis Length	487.58 ± 0.16 ft (149.526 ± 0.050 m) 487.59 @ 1000 lbs. tension est.	12 Ch @ 37.5 m & 24 Ch @ 75 m	
Load - Absolute Maximum	Twaron Stress Member 100 kN (22,500 lbs / 10,206 kg) est.	12 Ch @ 75 m & 24 Ch @ 150 m	
Load - Operational Maximum	30 kN (6,744 lbs / 3,059 kg) est.	12 Ch @ 150 m	
Minimum Bend Radius	50 cm (static)	Configurations (Engineering)	1 X .5 m Hydrophone 1 X 1 m Hydrophone 1 X 2 m Hydrophone 1 X 4 m Hydrophone
Flotation Material	Solid with 3M .024sg microsphere shore, A40 400% elongation est.	12 Ch @ 6 m & 24 Ch @ 12 m	
Center Stress Member	1 x Kevlar, Twaron, or Xylon 2.5% max elongation at break	12 Ch @ 12 m & 24 Ch @ 24 m	
Section Weight (150 meters)	683.83 lbs (289.013 Kg) est.	12 Ch @ 24 m & 24 Ch @ 48 m	
Section Weight (75 meters)	317.92 lbs (144.5 Kg) est.	12 Ch @ 48 m & 24 Ch @ 96 m	
Section Weight (37.5 meters)	158.96 lbs (72.25 Kg) est.		Exportable Hydrophone Groups When required under exportable regulations.
Buoyancy	All sections are neutral in fresh water Section sg= 1 g/cc)	Coupling Type	Hydrophone Outputs Direct Coupled in Parallel Via a Balanced Twisted Pair
Ballast Technique	Distributed ballast Seamap weights optional	Hydrophone Type	PVDF Polymer Hydrophones with patented technology Exportable hydrophone group configurations available
Conductors - Auxiliary	3 x 22 AWG Stranded Tinned Copper Twisted Pair w/PP Insulation	Capacitance – 1 Phones	Nominal for Point Receiver 17nF ± 5%
Conductors - Hydrophone Arrays	26 x 24 AWG Stranded Tinned Copper Twisted Pair w/PP Insulation	Sensitivity	-195 dB Volts re 1µPa ± 1.0 dB @ 126 Hz 22uV/uB
Conductors - Power	4x 20 AWG Stranded Tinned Copper w/PVC Insulation Round Trip 4.65 W	Sensitivity vs. Frequency	+/- 1.5db from 1 to 8000 Hz
Conductors - Telemetry	8x 22 AWG Stranded Tinned Copper w/PVC Insulation Operating Voltage	Sensitivity vs Temperature	<1 dB Over Operating Range
		Acceleration	-70 dB re Volt/g
		Depth Rating	
		Operational Depth:	0 - 50 m
		Depth Capability:	50 - 100 m
		Destruct Depth:	>100 m, potential irrecoverable loss of performance
		Non Recoverable Depth:	>300 m, very likely irreparable damage
		Buoyancy Change With Depth:	0 – 100 m, negligible
Custom Designs and Customizing Array Sections Are Available Upon Request			

Why Choose Seamap SeaLink™ Solid Streamer?

The SeaLink™ Solid Streamer combines advanced hydrophone technology, rugged mechanical design, and high channel acquisition capability into a proven marine seismic solution that maximizes data quality while minimizing operational complexity.

For marine seismic contractors and offshore survey operators seeking reliable, high-performance acquisition technology, the SeaLink™ Solid Streamer delivers unmatched value, durability, and imaging performance.

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