

HYBRID TOWFISH

Model 102-100-001

SOSI manufactures Hybrid Towfish with internal aluminum frames and external fiberglass fairing. These towfish are custom designed to suit each application such as the low frequency swath bathymetric seafloor mapping SeaMap towfish shown. They are typically configured for neutral buoyancy and can be rated for operational depths from to 1,000 to 6,000 meters. Some towfish like the SeaMap are designed to carry side scan sonar electronics in two one-atmosphere pressure housings. The housing bays are located on either side in the top half of the towfish and are provided with removable panels for easy access to the housings. Similarly, they may have provisions on each side and in the bottom to carry side looking and sub-bottom arrays. The towfish typically incorporate removable flotation modules and in the case of the SeaMap can carry additional payloads up to 2,000 lbs. These large towfish are easy to deploy when used in conjunction with the SOSI Model LRS 162-1000-001 Launch and Recovery Systems. The towfish's quality fiberglass and aluminum construction provide long life even in the harshest marine environments. Their simple, low maintenance, proven design assures stable towfish operations that you can depend upon.



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Standard Features

- Fiberglass & Aluminum Construction
- Removable Flotation Modules
- Hydrodynamically Stable Design
- Easily Accessible Arrays & Housings
- Acoustically Transparent Array Covers
- Integral Lift Beam
- Slight Positive Buoyancy
- Stainless Fasteners
- Trim & Ballast Adjustment
- Single Point Tow Attachment

SeaMap Specifications

Length	207 inches	Operating Depth	6000 meters
Width	48 inches	Stability (Pitch)	<±1°
Height	45 inches	Stability (Roll)	<±1°
Weight (in air)	4,500 lb.	Net Buoyancy	250 lb.