



Source Navigation Buoy

THE SOURCE NAVIGATION BUOY IS THE RESULT OF A PRECISE HYDRODYNAMIC DESIGN AND TESTING EFFORT TO PRODUCE A BUOY THAT WILL TRACK WITH AIRGUN ARRAYS AND PROVIDE A STABLE PLATFORM FOR NAVIGATION OF SEISMIC SOURCES

The buoys are self righting, stable in high seas, and have a wide tow speed range. Ruggedly constructed from marine grade aluminum with closed cellular polyurethane foam fill, these buoys provide years of maintenance free operation. The steel tow bridle attachment points minimize wear, and zinc sacrificial anodes prevent galvanic corrosion. All exterior aluminum is oxide stripped, base primed, and painted with marine epoxy. Reflective material is added to the antenna mast for visibility at night. A through-hull conduit is provided to bring the electrical cable from the tow bridle to the deck. A hollow antenna mast serves to protect the antenna cable. Built-in skids allow tow aboard recovery, and provide stability on deck. Options include a strobe light, a second antenna mast, and an instrument compartment with waterproof hatch and shock mounting.

GPSGB Specifications

Hull Length	5' 0"
Overall Length	6' 3"
Draft	1' 2"
Mean Antenna Height	3' 6"
Height Overall	5' 3"
Weight	175 lbs.
Displacement (max)	400 lbs.
Tow Speed Range (stable)	2 to 6.8 kts
Tow Speed (max)	7 kts
Optional Instrument Compartment	

SDI has years of experience in design and construction of towed and moored buoys. It shows in our designs. Buoys include built-in skids, convenient handles and lift bridles, low maintenance and excellent performance. Call us with your custom design requirements. A custom buoy to meet your exact needs can be your lowest cost alternative.