



# HSRD

## HEADING SENSOR RECOVERY DEVICE



The Heading Sensor Recovery Device (HSRD), combines a marine streamer heading sensor with a streamer recovery device that together significantly minimizes the equipment towed in a marine seismic array. The HSRD provides magnetic field and heading information along with the ability to recover expensive severed streamers — a technology solution completely optimized for use in off-shore marine acquisition surveys.

The HSRD can be operated as a simplified remote unit, in conjunction with a Navigator Bird System, or it can be operated independently as an economical magnetic heading recovery device system that communicates over industry-standard communication coils.

## FEATURES

- Magnetic field measurements provide accurate headings and identify anomalies.
- Incorporated design reduces storage space.
- Robust modular mechanics provide high reliability.
- All mission-critical components sealed from seawater.
- External flashing go/no-go LED.
- Extended battery life.

## TECHNICAL SPECIFICATIONS



- Heading Error •  $\pm 0.5^\circ$  worldwide
- Operating Temperature •  $-5$  to  $+60^\circ\text{C}$  (" $+23$  to  $+140^\circ\text{F}$ ")
- Temperature Accuracy •  $\pm 3^\circ\text{C}$
- Maximum Lift • 227 kg (500 lbs.)
- Gas Source • CO<sub>2</sub>
- Activator • Electronically Activated Squib
- Activation Depth • 48 m, 75 m, 100 m, or Programmable 20 to 200 m
- Buoyancy in Water •  $\sim 1.5$  kg
- Weight in Air •  $\sim 13.2$  kg
- Height • 16.5 cm (6.5 in.)
- Width • 8.6 cm (3.375 in.)

*Specifications subject to changes at sole discretion of Seis GEaR.*