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 aquisition 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	±0.5° worldwide
Operating Temperature	–5 to +60°C
Temperature Accuracy	±3°C
Maximum Lift	227 kg (500 lbs.)
Gas Source	CO^2
Activator	Electronically Activated Squib
Activation Depth	48m, 75m, 100m, or Programmable 20 to 200m
Bouyancy in Water	~1.5 kg
Weight in Air	~13.2 kg
Height	16.5 cm (6.5 in.)
Width	8.6 cm (3.375 in.)

Specifications subject to change at sole discretion of Geospace Technologies.

7007 Pinemont Drive • Houston, Texas 77040 USA
www.geospace.com • T: 713-986-4444 • F: 713-986-4445

Geospace Technologies, Canada
2735 - 37th Avenue N.E.
Calgary, Alberta,
T1Y 5R8 Canada
403 250-9600

Geospace Technologies, China
Room 700, 7th Floor
Lido Office Tower, Lido Place
Jichang Road, Jiang Tai Road
Beijing, 100004, P.R.China
011 (86) 10 6437 8768

Geospace Technologies
Sucursal Sudamericana
Carrera 127-22 G 28 Int. 30
Agrupación Industrial La Esperanza
Bogotá, Colombia
011-57-1-742-7414

Geospace Technologies, Eurasia
Kirovogradskaya, 36
Ufa, Baskortostan
Russia 450001
011 (7) 3472 25 39 73

Geospace UK
F3 Bramingham Business Park,
Enterprise Way, Luton
Bedfordshire LU3 4BU, England
011 44 (0) 7775 688 467

592-03360-01 Rev. C