

MOORING RECOVERY SYSTEM

Receiver recovery

HIGHLIGHTS

- Complete clean-up after receiver deployment
- Sleek profile that minimizes current drag
- Reduced the chance of entanglements
- Environmentally friendly solution for acoustic tracking



The MRS (Mooring recovery system) consists of a single spherical buoy that fits over the receiver and provides the buoyancy to let it rise efficiently to the surface once the release mechanism is triggered. The buoy is made of a rugged polyethylene shell filled with synthetic foam tailored to the required depth. The foam backing ensures the float will never puncture and lose its positive buoyancy, implode, or crumble from the sustained pressure. It will neither soak over time nor carry pressure to the surface. It has a bright yellow color to make it easy to spot at sea. The buoy is designed to flip 180° at the surface for better visibility and to keep the transducer submerged for acoustic ranging.

APPLICATIONS

- Use with TBR 800 release to recover all deployed receiver components
- Deployment in areas with high surface current and traffic
- Where equipment needs to be secured to the bottom and is easily spotted

SPECIFICATIONS

STANDARD ROPE CANISTER

DIMENSIONS

Length: 292 mm
Diameter: 291 mm
Weight: 5.15 kg
Rope capacity: 150 m

LOW PROFILE CANISTER MRS

DIMENSIONS

Length: 192 mm
Diameter: 291 mm
Weight: 3.65 kg
Rope capacity: 50 m

BUOY - 100 METER DEPTH

Receiver cylinder diameter: 90 mm
Length: 340 mm
Diameter: 340 mm
Weight: 6.15 kg
Buoyancy: 12.7 kg

BUOY - 250 METER DEPTH

Receiver cylinder diameter: 90 mm
Length: 340 mm
Diameter: 340 mm
Weight: 7.5 kg
Buoyancy: 11.4 kg

MOORING RECOVERY SYSTEM OPTIONS

STANDARD MRS SETUP



Max operational depth: 100 m

Max recommended rope length in canister: 150 m

Rope type: Dyneema 4 mm

LOW PROFILE CANISTER MRS

Max operational depth: 35 m

Max recommended rope length in canister: 50 m

Rope type: Dyneema 4 mm



BUOYANCY BUOY ONLY: WITHOUT MRS ROPE CANISTER

“What if I want to deploy my TBR’s deeper than 100 m?”

For depths larger than 100 m, we recommend using buoy only, due to the risk of rope entanglement.

The use of only the buoy to slip over the TBR 800 or TBR 800 Release for ascending assistance. The perfect fitted and failsafe buoyancy to ensure TBR 800 standalone receivers and TBR 800 Release are kept in position during deployment. Easy to spot on the surface and minimal rigging.

Max depth options:

Max 100 m

Max 250 m

Other Max depth options are available on request

