

# International Leader of Flexible, Adaptable Mooring Systems and Components

Delivering REAL-TIME monitoring from the Seafloor-to-Surface

**EOM Offshore: INNOVATIVE, FLEXIBLE, AND RELIABLE**



The EOM Offshore team has decades of combined experience in mooring design, on-board operations and logistics, and oceanographic solutions spanning the global ocean. Our experience in solving complex oceanographic challenges enables EOM Offshore to operate in all ocean environments and depths. From coastal shelf to full ocean, at all latitudes from equatorial to arctic, EOM Offshore provides solutions using our advanced marine technology.

With innovative, unique mooring projects and services divided into five core segments: metocean data collection including floating LiDAR, passive acoustic monitoring, mooring design and modeling, marine logistics and support, buoy and mooring system manufacture. EOM Offshore can support multiple market segments and objectives.



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**EOM Offshore's products have been designed to handle the energetic environment of the ocean, while continuously delivering real-time data from the seafloor-to-surface.**

## LinePak Marine Recovery System

EOM Offshore's LinePak Marine Recovery System (MRS) enables the recovery of any asset located on the seafloor. The LinePak MRS metal linepack is spirally wrapped with a strong and durable synthetic line, inside which is an integrated acoustic release. The line is wrapped to prevent biofouling, while maintaining a compact package for on-deck handling during deployment operations.

Retrieval methods are different depending on depth.

### Less Than 600 Meters Water Depth Application

The LinePak Marine Recovery System is placed in a vertical configuration with subsurface flotation attached above, and the recoverable asset attached below. Once the release command is received and the release is dis-engaged, the synthetic line is freed. The line wound onto the metal frame is roughly two times the water depth where the mooring is located. This extra line simplifies retrieval in areas where there can be strong currents or where the mooring may have "walked" into deeper water. No longer under tension, the subsurface flotation rises to the surface, bringing the LinePak MRS with it while the line is payed out from the bottom of the linepack. Upon recovery of the subsurface floatation and the MRS linepack with acoustic release, the ship would take control of the synthetic line via mechanical means and recover the asset in a controlled manner. Rate of ascent is determined by line retrieval rate.

### Greater Than 600 Meters Water Depth Application

For customers who have concern over losing the surface buoy, then our LinePak Marine Recovery System can assist. In this case, by activating the acoustic release, the mooring elongates by the maximum length of line on the spool, bringing to the surface your subsurface buoyancy as long as it is not deeper than the length of the line on the LinePak MRS. The mooring would now be recovered from the surfaced floatation, until you got to the MRS line, using which the asset can be retrieved.

### Increases Operational Savings

The LinePak MRS is reusable by design and with proper maintenance it brings operational savings to the end-user.

The LinePak Marine Recovery System integrates with other EOM Offshore or third-party mooring components. It can be used under diverse ocean locations and at any depth. The LinePak MRS supports multiple markets, including Oil & Gas, Offshore Wind, Oceanography, Defense and Security, and Hydrography.



## Technical Specs

|  |                             |
|--|-----------------------------|
| Acoustic Release                             | Edgetech or Teledyne        |
| Frame Material                               | 6061-T6 Aluminum            |
| Frame Dimensions                             | 24.5 x 18.5 inch            |
| Synthetic Limited Stretch Anchor Line Length | Up to 1,320 ft / 400 meters |
| Load Rating                                  | 20,000 lb / 9,072 kg        |
| Compatibility with Anchors                   | All                         |
| Suggested Maintenance Cycle                  | 1-2 years                   |

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