

SUPPORTING PRODUCTS

FOR USE WITH ACOUSTIC TRANSPONDING RELEASES

EdgeTech
FORTY-PLUS
YEARS OF
IN-DEPTH
TECHNOLOGY.

EdgeTech's product group of acoustic positioning (USBL) and acoustic releases, formerly branded as ORE Offshore, was founded in Cape Cod, Massachusetts, over 40 years ago and is a leading manufacturer of highly accurate acoustic underwater positioning, navigation, and control products. With its worldwide network, it serves and services customers including survey firms and the oil & gas industry, research institutions, the US Navy and navies on every continent. The company maintains engineering and manufacturing facilities in Wareham, Massachusetts, and Boca Raton, Florida.



8011M Acoustic Transceiver Surface Unit

- Very user friendly
- Extremely versatile
- Sends most manufacturers commands
- Full command and range capability
- Rugged and reliable
- Runs on 115 or 230 VAC
- Self charging internal battery
- DSP for multiple channel operations
- Includes dunking transducer with 67 meters of cable



PACS - Portable Acoustic Command System

- Lightweight and portable
- Easy to operate
- Affordable
- Works with all standard EdgeTech Acoustic Releases
- Full command set
- Acoustic range capability
- Rugged and splash proof
- Flexible battery/power options
- Capable of MF or LF frequencies
- RS-232 Port
- Back-lit, Extended Temp Display

OTHER OPTIONS WITH THE ACOUSTIC RELEASE PRODUCT LINE



USB L for Range & Bearing Information



Pop-up Float Add-ons



Heavy Load Arms



Remote Transducer Heads



Custom Engineered Products

ACOUSTIC TRANSPONDING RELEASES



ACOUSTIC TRANSPONDING RELEASES

MORE SOLUTIONS. MORE DEPTH.

EdgeTech, formerly ORE Offshore, is a leading manufacturer of highly accurate acoustic underwater positioning, navigation and control products. Our Acoustic Transponding Releases are heralded in the industry because we can provide entire systems quickly to meet any specifications you may have – for every water depth, mooring load or application. In addition to providing top-performing components, we can provide all of the ancillary materials needed for deployment. EdgeTech becomes your turnkey provider for all of your acoustic release needs.



APPLICATIONS

- Deep water moorings
- In-line moorings
- Shallow water frames
- Trawl resistant bottom moorings (TRBM)
- Underwater command and control
- Pop-up buoys
- Long life undersea deployments



| Model Name | PORT LF SD POP-UP | PORT MFE POP-UP | PORT LF-SD | PORT MFE | PORT LF | 8242XS |
|---|--------------------------|--------------------------|-----------------|-----------------|------------------|-----------------|
| Depth Rating | 200 meters | 200 meters | 3500 meters | 3500 meters | 3500 meters | 6000 meters |
| Release Load | 250 kg | 250 kg | 250 kg | 250 kg | 350 kg | 5500 kg |
| Lift Load | Depending on line | Depending on line | 750 kg | 750 kg | 750 kg | 7500 kg |
| Battery Life | 1.25 years | 5 years | 1.25 years | 5 years | 1 year / 2 years | 2, 4 or 9 years |
| Battery Type (standard) | Welded Alkaline | Welded Alkaline | Welded Alkaline | Welded Alkaline | Welded Alkaline | Welded Alkaline |
| - Lithium Option Available | | | | | | √ |
| - Replaceable Cell Option | | | | | | √ |
| Weight in Air | 19.3 kg | 19.3 kg | 7.2 kg | 9.1 kg | 11.3 kg | 36 kg |
| Weight in Water | Positive 6.8 kg to 10 kg | Positive 6.8 kg to 10 kg | 2.5 kg | 3.6 kg | 4.8 kg | 28 kg |
| Length | 72.26 cm | 68.58 cm | 71.8 cm | 68.6 cm | 66 cm | 94.6 cm |
| Diameter | 39.12 cm | 39.12 cm | 8.9 cm | 8.9 cm | 12.7 cm | 13 cm |
| USBL Compatible Provides Range & Bearing | √ | √ | √ | √ | √ | √ |
| Pop-up Configuration Option (line capacity) | √ (400m) | √ (400m) | √ | √ | | |
| Strongback Option Available | | | √ | √ | √ | √ |
| Tandem Kit Available | | | √ | √ | √ | √ |

LF: 7 kHz to 15 kHz MF: 17 kHz to 25 kHz

For more information please visit EdgeTech.com

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