

HLR

HEAVY LOAD RELEASE

FEATURES

- Release load of 48,000 kg
- Lightweight Titanium strong back and hardware
- Easy and simple assembly and disassembly for transport
- Uses our standard 8242XS for acoustic activation
- Transponder for positioning and recovery
- 2 full years on alkaline batteries
- Secure command coding
- Options:
 - I/O communication
 - Pressure activation
 - External On/Off
 - Extended battery life



The HLR Heavy Load Release is a field-proven, reliable heavy duty acoustic release. The HLR strong back is made entirely of titanium to keep it light and strong. Titanium is also very corrosion resistant. We also use custom made Delran isolation washers to eliminate any risk of dissimilar metals causing corrosion. The HLR has been designed for easy use in both long term moorings and in lowering applications.

The HLR uses the EdgeTech 8242XS acoustic transponding release for activation. The 8242XS acoustic release is a field-proven, reliable, and versatile mooring instrument. It is made entirely of nickel aluminum bronze alloy with titanium closure hardware for very long deployments with no corrosion. Acoustic status reply includes tilt and release state. The acoustic command structure is dependable in even the toughest acoustic environments.

The HLR can be commanded and controlled by the EdgeTech 8011M deck box. The 8011M is the most versatile acoustic command ranging deck available anywhere. This system can control and range on EdgeTech's (formerly ORE Offshore) full line of acoustic releases as well as other manufacturers' equipment. Features include auto switching between 115 and 230 VAC and an internal self charging battery. The serial and auxiliary ports allow for simple interfacing with other onboard equipment. Includes a dunking transducer with 67 meters of cable.



For more information please visit www.EdgeTech.com

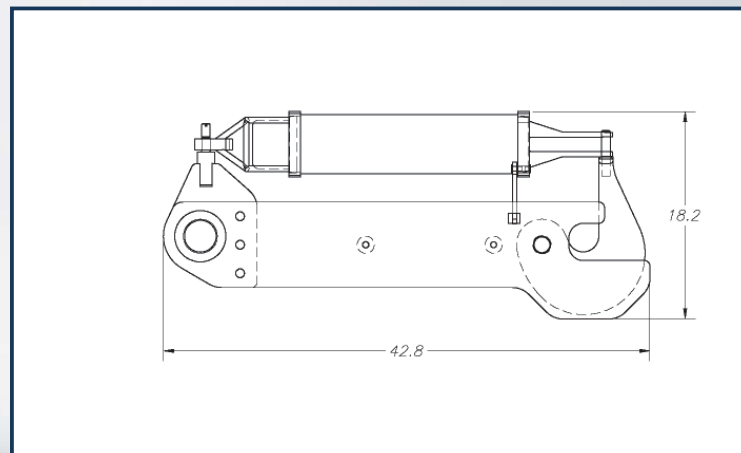
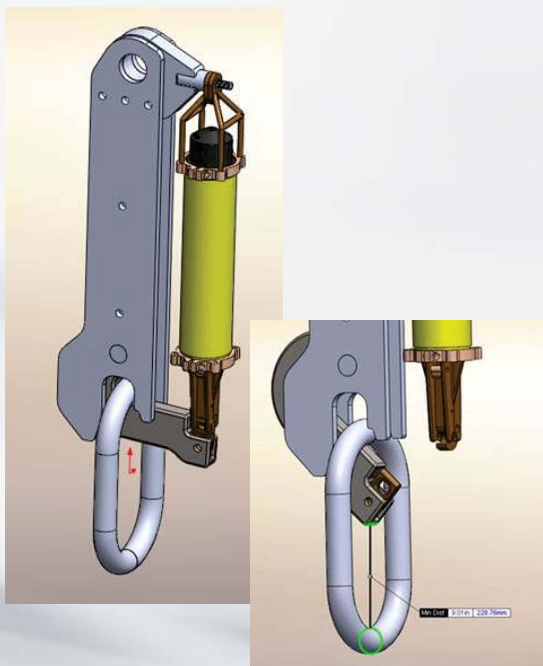
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KEY SPECIFICATIONS

MECHANICAL	
Release mechanism	Motor driven rotary type with advantage hook
Release load rating	48,000 kg (100,000 lbs)
Depth rating	6000 meters (656 ft)
Length	108.7 cm (42.8 in)
Weight in air	91 kg (201 lbs)
Weight in water	71 kg (157 lbs)
Exposed materials	Acetal (washers etc) NiAlBz (mechanism) Buna-N (O-rings) Titanium
ELECTRICAL	
Command frequencies	9.3 to 10.7 kHz
Command codes	BACS commands (Edgetech formerly ORE Offshore)
Receiver sensitivity	100 dB re-1uPascal-meter
Battery life	2 years
Battery	Welded alkaline pack



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