

# HLR

## Heavy Load Release

### ***Bigger is Better.***

- 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



- Including this Titanium release link for long term deployments.
- May be used with a steel ring during shorter deployments.



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.



***What you do underwater is your business...  
... Helping you do it better is ours***

ORE Offshore • 4 Little Brook Road • West Wareham, MA 02576  
Tel 508-291-0960 • Fax 508-291-0975 • Email [sales@ore.com](mailto:sales@ore.com)  
[www.ore.com](http://www.ore.com)

# Specifications

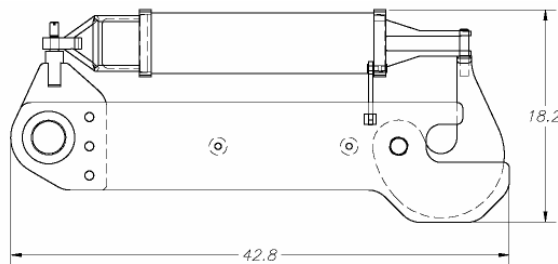
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### Mechanical

Release mechanism:	Motor driven rotary type with advantage hook
Lifting load rating:	96,000 kg (210,000 lbs)
Release load rating:	48,000 kg (105,000 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 (ORE Offshore)
Receiver sensitivity:	100 dB re-1uPascal-meter
Battery life:	2 years
Battery:	Welded alkaline pack



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