

CART

Coastal Acoustic Release Transponder

The all around coastal release solution

- Active Bio-fouling prevention
- Easy maintenance
- Small lightweight package
- Medium load acoustic release
- Full transponder capability
- 1.5 years on alkaline batteries
- Secure command coding



The **CART** Coastal Acoustic Release Transponder is a perfect system for deployments in coastal environments. The active bio-fouling prevention system is ideal for long term deployments where mechanisms can experience growth or sediment build up. The acoustic command structure is the same as used in all of our underwater equipment and is unsurpassed in multi-path environments.



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

ORE Offshore • 4 Little Brook Road • West Wareham, MA 02576
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Specifications

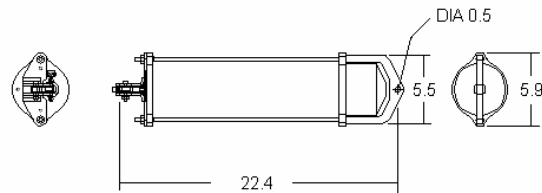
CART

Mechanical

Release mechanism:	Motor driven rotary type with thrust bearings
Release load rating:	500 kg (1100 lbs)
Lifting load rating:	750 kg (1650 lbs)
Depth rating:	1000 meters (3300 ft)
Length:	59.4 cm (23.4 in)
Diameter:	Housing 11.5 cm (4.5 in) Supports 13.9 cm (5.5 in)
Weight in air:	9.1 kg (20 lbs)
Weight in water:	3.6 kg (8 lbs)
Exposed materials:	Hard Coated Aluminum (housing etc), Stainless Steel (mechanism)
	Buna -N (O-rings)
	Acetyl and Nylon (isolation hardware)

Electrical

Command frequencies:	9.3 to 10.7 kHz
Command codes:	BACS commands (ORE Offshore)
Transmit Source Level:	192 dB re 1 micro Pascal
Receiver sensitivity:	100 dB re-1uPascal-meter
Battery life:	1.5 years and 40,000 replies
Battery type:	Welded alkaline pack



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