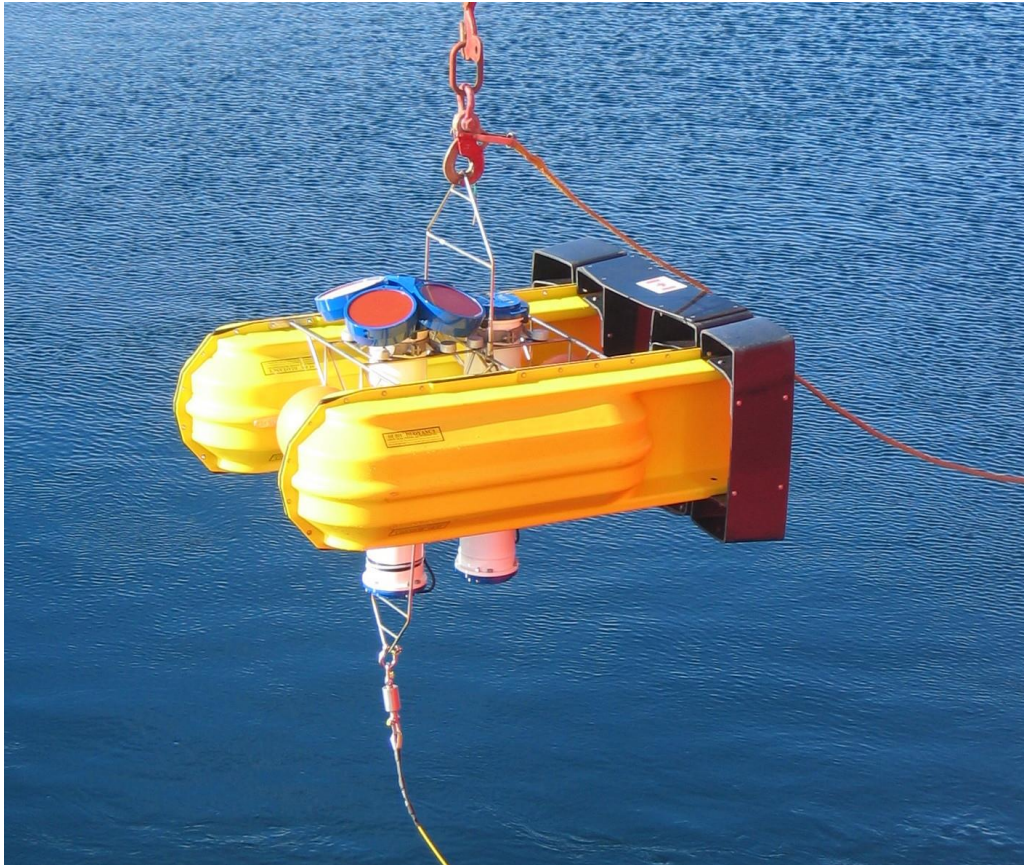


SUBS™

ADCP BUOYS

Long Ranger/Quartermaster



(shown with an RDI Long Ranger and External Battery mounted)

An improved mooring system for ADCPs and other oceanographic instrumentation.

Mounting ADCPs or other instrumentation in a streamlined buoyancy package reduces the variability caused by mooring oscillation typical of spherical flotation.

Few instruments have the capability of segregating mooring movement from actual data.

Reduced mooring movement decreases noise.

Buoy remains level despite mooring inclination.



OPEN SEAS INSTRUMENTATION INC

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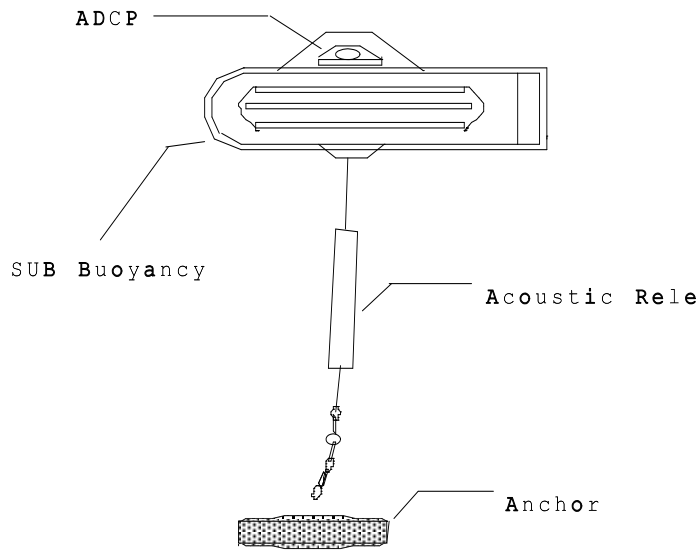
Fax: +1 (902)

889-3313

Web site: <http://www.openseas.com>

BENEFITS

- Instrument and buoy remain level despite mooring inclination.**
- Unmatched stability provides an exceptional moored instrument platform.**
- Virtually eliminates vortex shedding effects which are inherent with spherical flotation.**
- Reduces the potential for measurement errors associated with mooring movement.**
- Substantially reduces mooring excursions and inclinations.**
- Significantly improves instrument depth keeping characteristics.**
- Self-compensating for mooring inclination and flow direction.**
- Reduces buoyancy requirement due to lower frontal area of flotation.**
- Supplied complete with mooring attachment point and instrument guard.**
- Purchasers can utilise their existing Viny Floats/Glass balls or we can supply buoyancy.**



Typical ADCP shallow mooring

SPECIFICATIONS

Model	A4-x-SL	D4-x-SL
Dimensions	146 x 134 x 58 cm	169 x 158 x 67 cm
Drag Coefficient	.6	.6
Weight in Air (without instruments or flotation)	54 kg (120 lb)	62 kg (137 lbs)
Weight in air with flotation	64 kg (142 lb)	130 kg (287 lbs)
Buoyancy (SW) without instruments	59 kg (131 lb)	± 91 kg (202 lbs)
Depth Rating	200m	6000m
Material:	HDPE, uv protected	HDPE, uv protected
Flotation	4 Viny floats 13.5"	4 glass balls 17"

Dimensions shown are without mooring bail or lifting bail hardware
 Specify Instrument make & model when ordering
 Specify whether external battery packs will be used
 Additional buoyancy can be added subject to depth criteria

Distributor: