

SUBS™

Streamlined Instrument Buoys

Affordable Coastal & Deep Water Buoyancy

Significantly enhances data set quality from moored current meters



TERAMARA

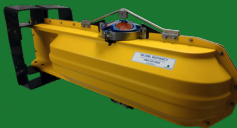
An improved mooring system for current meters and other oceanographic instrumentation.



SUBS MODEL TMA2 WITH
TELEDYNE RDI WORKHORSE
SENTINEL ADCP

- ✓ Unmatched mooring stability provides the best in instrument platforms.
- ✓ Virtually eliminates vortex shedding effects which are common with spherical flotation.
- ✓ Eliminates the potential for the measurement errors associated with mooring vibration.
- ✓ Substantially reduces mooring excursions and inclinations.
- ✓ Drag Coefficient; .6
- ✓ Significant improvement to depth keeping characteristics.
- ✓ Self-compensating for mooring inclination and flow direction.
- ✓ Reduced buoyancy requirement due to lower mooring frontal area.
- ✓ Supplied complete with mooring tension/swivel hardware.
- ✓ Supplied complete with buoyancy or purchasers can utilize their existing VinyFloats.

SPECIFICATIONS

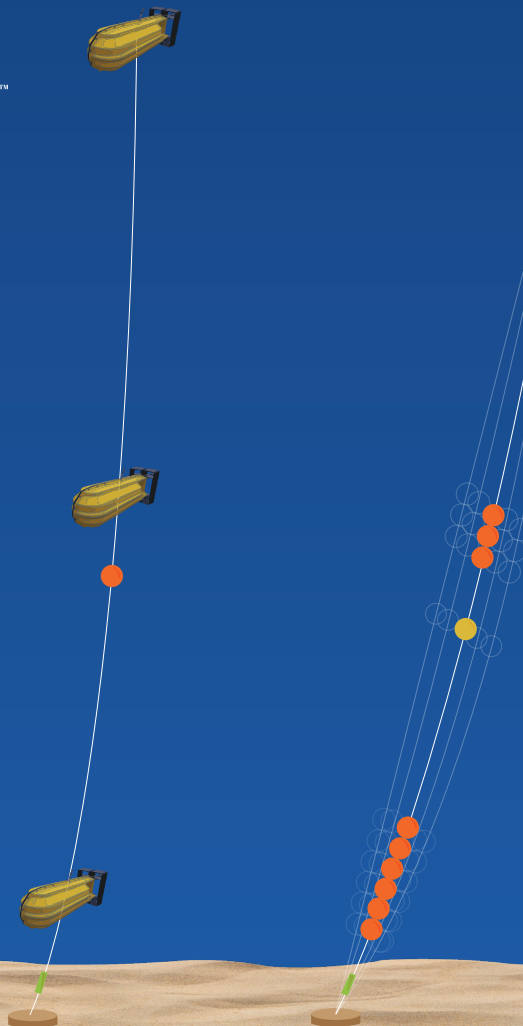
	Non-Instrument		Single Buoy		Tandem with Centre Mounting Frame	
						
MODEL	TMB3	TMC2	TMA2	TMD2	TMA4	TMD4
Dimensions	146 x 44 x 58 cm	169 x 55 x 67 cm	146 x 44 x 58 cm	169 x 55 x 67 cm	146 x 134 x 58 cm	169 x 158 x 67 cm
Weight in Air with Flotation (no instrument)	27 kg (59 lb)	62 kg (137 lbs)	28 kg (62 lb)	68 kg (150 lbs)	64 kg (142 lb)	130 kg (287 lbs)
Buoyancy (SW)	60 kg (132 lb)	51 kg (107 lbs)	± 39 kg (86 lb)	± 49 kg (108 lbs)	59 kg (131 lb)	± 91 kg (202 lbs)
Depth Rating (working)	200m	6000m	200m	6000m	200m	6000m
Material	HMWPE, uv protected; 316 Stainless Hardware					
Flotation	3 Viny floats 13"	2 glass balls 17"	2 Viny floats 13"	2 glass balls 17"	4 Viny floats 13.5"	4 glass balls 17"

WITH
SUBS™

WITHOUT
SUBS™

Comparative Mooring vs Spherical 13" Viny Floats

- ✓ Shown 200m with currents of 1.5 kts.
- ✓ SUBS substantially reduces mooring excursions and inclinations.
- ✓ Moored instrumentation remains vertical to ensure data collection integrity.



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