



THE DEPENDABLE CHOICE FOR SEAFLOOR DEPLOYMENTS

Oceanscience seafloor platforms are selected when a deployment system has to last. High quality materials and construction designed for long-term immersion in seawater ensure a package that will stand the test of time. Acoustic profiler mounts for most common instruments are available as standard. Custom mounts can be designed and added to each of the platforms for many other sensor types and deployment requirements.

SEA SPIDER - TRIPOD

The Oceanscience Sea Spider is used by major oceanographic institutions across the world. It is designed for deployment of ADCPs, transponders, cameras, pressure sensors, wave gauges, CTDs and virtually any other type of compact oceanographic instrumentation package. The Sea Spider can carry multiple instruments and a pop-up buoy for diverless recovery. Gimbals are available for deployment on uneven sea floors. The Sea Spider has lead ballast feet and corrosion-free plastic clamps to protect your instruments. A modular version is available to allow the Sea Spider to be shipped in a box rather than on a pallet.

BARNACLE 53 - TRAWL RESISTANT FRAME

The Oceanscience Barnacle 53 is for deployment in areas where trawling is a problem. The Barnacle's low profile and curved edges minimize the potential for disturbance. The Barnacle provides the strongest protection available for your Doppler profiler or other sensors. There are no corners or edges to snag. Externally inserted lead ballast makes the Barnacle easy to handle on deck and easy to deploy from any size boat. The optional canister gimbal insert houses the gimballed instrument so that the entire assembly may be easily removed by a diver.

BARNACLE 60P - EXTENDED FRAME WITH POP-UP BUOY

For deep deployments, the larger Barnacle 60P has two instrument wells. One instrument well for the ADCP or like and the other for a pop-up buoy system. Retaining the smooth contours of the Barnacle 53, the Barnacle 60P is an ideal solution for disturbance-free deep deployments.

ONLINE VIEWERS

CLICK IMAGES FOR VIDEO

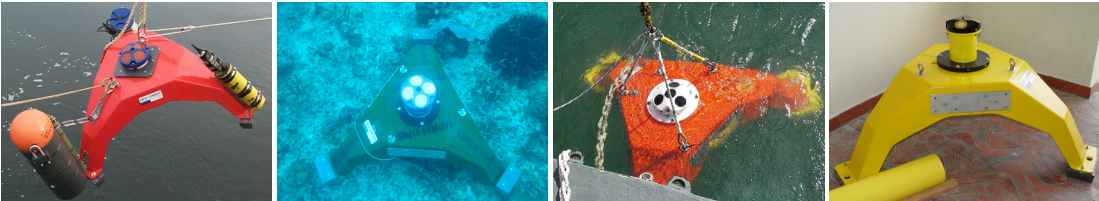
SEA FLOOR PLATFORMS

SEA SPIDER AND BARNACLE SPECIFICATIONS

Fiberglass construction makes it easy to customize the Sea Spider and Barnacle for special applications. The hand-laid heavy fiberglass provides immense strength and excellent resistance to corrosion.

	Sea Floor Platform Specifications		
	Sea Spider	Barnacle 53	Barnacle 60P
Length	58" or 147cm	53" or 134cm	76" or 193cm
Width	58" or 147cm	53" or 134cm	60" or 152cm
Height	21" or 53cm	18" or 46cm	25" or 63cm
Construction	Fiberglass	Fiberglass	Fiberglass
Wall Thickness	3/8" or 9mm	3/8" or 9mm	3/8" or 9mm
Color	Orange	White	Grey
Weight in Air w/ Ballast	190 lbs or 87kg	167 lbs or 76kg	300 lbs or 136 kg
Weight in Water w/Ballast	150 lbs or 68kg	131 lbs or 60 kg	200 lbs or 90kg
Ballast	150 lb lead weight	102 lb lead weight	119 lb lead weight
Hardware (if applicable)	Stainless Steel	Stainless Steel	Stainless Steel

SEA SPIDER CONFIGURATIONS



MODULAR SEA SPIDER (WITH GIMBAL)



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