

Teledyne Oceanscience

# Seafloor Platforms

Sea Spider and Barnacle

## The Dependable Choice for Seafloor Deployments

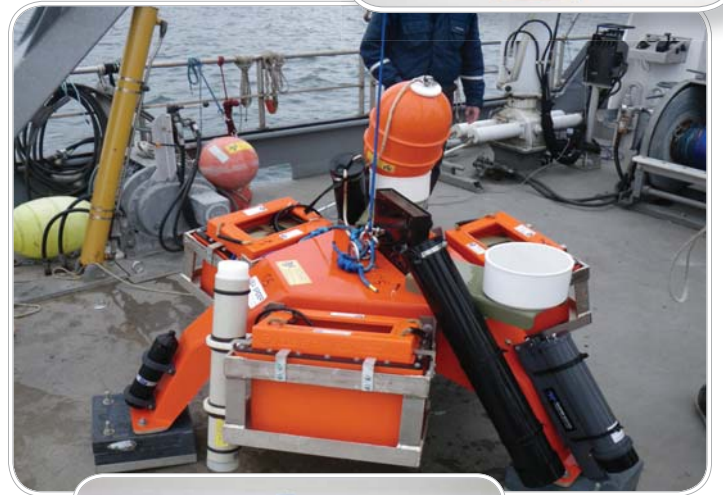
Teledyne Oceanscience seafloor platforms are selected when a deployment system has to last. Fixed or gimballed mounts for acoustic Doppler profilers are available as standard. Custom mounts can be designed and installed for ancillary equipment such as locator beacons, battery packs, or CTDs.

### Sea Spider - Tripod

The Teledyne 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. A modular version is available for easy shipping.

### Barnacle53 - Trawl Resistant Frame

The Teledyne Oceanscience Barnacle53 is for deployment in areas where trawling is a problem. The Barnacle's low profile and curved edges minimize the potential for disturbance and provide the strongest protection available for your sensors.



## PRODUCT FEATURES

- High quality materials and construction
- Designed for long term immersion in seawater
- Gimbals available for uneven deployment surface
- Corrosion-free plastic clamps to protect your instruments
- Sea Spider is available as collapsible three-piece frame
- Reinforced Sea Spider available for increased ballasting
- Barnacle has convenient external weight pockets
- Barnacle has no corners or edges to snag



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## TECHNICAL SPECIFICATIONS

### Sea Spider

Length	147cm (58")
Width	147cm (58")
Height	53cm (21")
Weight in air without ballast	17kg (38 lbs.)
Weight in air with ballast	87kg (190 lbs.)
Weight in water with ballast	68kg (150 lbs.)
Construction	Fiberglass
Wall Thickness	9mm (3/8")
Ballast (lead weight)	68 kg (150 lbs.)
Hardware	Stainless Steel
Color	Orange

### Barnacle

Length	134cm (53")
Width	134cm (53")
Height	46cm (18")
Weight in air without ballast	15kg (33.5 lbs.)
Weight in air with ballast	79kg (175 lbs.)
Weight in water with ballast	60kg (131 lbs.)
Construction	Fiberglass
Wall Thickness	9mm (3/8")
Ballast (lead weight)	46 kg (102lbs.)
Hardware	Stainless Steel
Color	White

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