









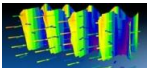
## OCEANOGRAPHIC EQUIPMENT RENTAL CATALOGUE



EX-RENTAL SALES ALSO AVAILABLE



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Acoustic Doppler Profilers & Velocimeters - NORTEK		Equipment manufacturer
	<p><b>Nortek Signature 55 kHz / 75 kHz - 3 beams</b></p> <ul style="list-style-type: none"> <li>• X m/s, 1 Hz ping rate, 128 GB memory,</li> <li>• 55 kHz: 1000 m range, 10 to 20 m bins</li> <li>• 75 kHz: 600 m range, 5 to 20 m bins</li> <li>• AHRS for moving applications</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Signature 100 kHz - 5 beams</b></p> <ul style="list-style-type: none"> <li>• X m/s, 3 Hz ping rate, 128 GB memory, 3 to 16 m bins</li> <li>• 470 m profile range, XXX m bottom track range, XXX m rated</li> <li>• Scientific echo sounder with central beam 70 - 120 kHz</li> <li>• AHRS for moving applications</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Signature 250 kHz - 5 beams</b></p> <ul style="list-style-type: none"> <li>• X m/s, 3 Hz ping rate, 128 GB memory, 1 to 8 m bins</li> <li>• 211 m profile range, XXX m bottom track range, XXX m rated</li> <li>• Wave height and direction, Ice thickness, ice tracking</li> <li>• AHRS for moving applications</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Signature 500 kHz - 5 beams</b></p> <ul style="list-style-type: none"> <li>• X m/s, 8 Hz ping rate, 128 GB memory, 0.5 to 4 m bins</li> <li>• 77 m profile range, XXX m bottom track range, XXX m rated</li> <li>• Wave height and direction, Ice thickness, ice tracking</li> <li>• AHRS for moving applications</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Signature 1000 kHz - 5 beams</b></p> <ul style="list-style-type: none"> <li>• X m/s, 16 Hz ping rate, 128 GB memory, 0.2 to 2 m bins</li> <li>• 32 m profile range, XXX m bottom track range, XXX m rated</li> <li>• Wave height and direction, Ice thickness, ice tracking</li> <li>• AHRS for moving applications</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Signature VM Coastal 250, 500 and 1000 kHz - 5 beams</b></p> <ul style="list-style-type: none"> <li>• Vessel Mounted measurements</li> <li>• 5th echosounder beam for sediment measurements</li> <li>• Simultaneous current and depth information</li> <li>• Outstanding bottom-track performance</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Aquadopp Profiler 1 MHz Sidelooking - 3 beams</b></p> <ul style="list-style-type: none"> <li>• X m/s, 1Hz ping rate, 16 GB memory, 0.3 to 4.0 m bins</li> <li>• 25 m profile range, XXX m bottom track range, XXX m rated</li> <li>• PUW wave measurements</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek VECTOR velocimeter - 3 beams</b></p> <ul style="list-style-type: none"> <li>• 7 m/s, 64 Hz ping rate, 4 GB memory, XX cm single bin</li> <li>• 15 cm range, XXX m rated</li> <li>• Probe: Fixed stem or 2m cable</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Battery canister aluminium for 2*36*D pack w/cable to instrument</b></p> <ul style="list-style-type: none"> <li>• 500 m rated depth</li> </ul>	<a href="#">Nortek</a>
	<p><b>Nortek Cables:</b></p> <ul style="list-style-type: none"> <li>• 10 m cable (power and ethernet)</li> <li>• 10 m cable (power and RS232)</li> <li>• 30 m cable (power and RS232)</li> <li>• 50 m cables (power and RS422)</li> </ul>	For Sale <a href="#">Nortek</a>
	<p><b>Nortek software : Ocean Contour</b></p> <ul style="list-style-type: none"> <li>• Software for currents and waves</li> <li>• 3 PC per licence</li> </ul>	<a href="#">Nortek</a>

Acoustic Doppler Profilers - Teledyne RDI		Equipment manufacturer
	<p><b>Teledyne RDI Sentinel V100 (300 kHz) - 5 beams - 25° slant</b></p> <ul style="list-style-type: none"> <li>• 5 m/s, 2 Hz ping rate, 16 GB memory, 0.5 to 6 m bins</li> <li>• Ranges: 151 m profile, 240 m bottom track, 200 m housing</li> <li>• Accuracy 0.5 % of measured value +/-0.5 cm/s</li> <li>• Bottom track and waves features</li> </ul>	<a href="#">Teledyne RDI</a>
	<p><b>Teledyne RDI Sentinel V50 (500 kHz) - 5 beams - 25° slant</b></p> <ul style="list-style-type: none"> <li>• 5 m/s, 4 Hz ping rate, 16 GB memory, 0.5 to 6 m bins</li> <li>• Ranges: 82 m profile, 125 m bottom track, 200 m housing</li> <li>• Accuracy 0.3 % of measured value +/-0.3 cm/s</li> <li>• Bottom track and waves features</li> </ul>	For Sale <a href="#">Teledyne RDI</a>
	<p><b>Teledyne RDI Sentinel V20 (1000 kHz) - 5 beams - 25° slant</b></p> <ul style="list-style-type: none"> <li>• 5 m/s, 4 Hz ping rate, 16 GB memory, 0.25 to 4 m bins</li> <li>• Ranges : 32 m profile, 45 m bottom track, 200 m housing</li> <li>• Accuracy 0.3 % of measured value +/-0.3 cm/s</li> <li>• Bottom track and waves features</li> </ul>	<a href="#">Teledyne RDI</a>
	<p><b>Teledyne RDI Workhorse (300, 600 or 1200kHz) - 4 beams - 20° slant</b></p> <ul style="list-style-type: none"> <li>• 5 m/s, 5 Hz ping rate, 4 GB memory</li> <li>• Bottom track and waves features</li> </ul>	<a href="#">Teledyne RDI</a>
	<p><b>Teledyne RDI RiverPro with boat (1200kHz) - 5 beams - 20° slant</b></p> <ul style="list-style-type: none"> <li>• 9 m/s, 2 Hz ping rate, 16 MB memory, 0.02 to 5 m bins</li> <li>• Ranges: 25m profile, 35 m bottom track, 120 m bottom detection</li> <li>• The 5th beam collects true vertical velocity and range to bottom</li> <li>• Fully integrated GPS, Auto-adaptive sampling</li> <li>• Communications: RS232, Bluetooth, radio modem (option)</li> </ul>	<a href="#">Teledyne RDI</a>
	<p><b>Teledyne RDI RiverRay with boat (600kHz) - Phased Array 30°</b></p> <ul style="list-style-type: none"> <li>• 9.5 m/s, 2 Hz ping rate, accuracy 0.25% +/- 0.2 cm/s</li> <li>• Ranges: 60m profile, 100m bottom track, 120m bottom detection</li> <li>• Fully integrated GPS</li> <li>• Communications: RS232, Bluetooth, radio modem (option)</li> </ul>	<a href="#">Teledyne RDI</a>
	<p><b>RDI accessories :</b></p> <ul style="list-style-type: none"> <li>• External Container for 2 battery packs (Sentinel V) c/w cable (2m)</li> <li>• c/w cable</li> </ul>	<a href="#">Teledyne RDI</a>
	<p><b>RDI cables :</b></p> <ul style="list-style-type: none"> <li>• 5, 10 or 25 m cables (power and RS232)</li> <li>• 50, 100 and 150 m cables (power and RS422)</li> <li>• Twin ADCP cable 150m (application lowered ADCP on winch)</li> </ul> <p>Option: c/w winch</p>	For Sale <a href="#">Teledyne RDI</a>
	<p><b>RDI cables :</b></p> <p>Star cable (to connect two Workhorse ADCPs)</p>	For Sale <a href="#">Teledyne RDI</a>
	<p><b>RDI Software :</b></p> <ul style="list-style-type: none"> <li>• Velocity software for currents and waves</li> <li>• 3 PC per licence</li> </ul>	For Sale <a href="#">Teledyne RDI</a>

Tide & Wave gauges Multiparameter probes		Equipment manufacturer
	<p><b>Valeport Tide Gauge : Model 740</b></p> <ul style="list-style-type: none"> <li>• Suitable for use in fresh and salt water</li> <li>• Up to 2 years deployment time</li> <li>• Accuracy : <math>\pm 0.1\%</math> Full Scale</li> <li>• Cabling available to use with Satel UHF</li> </ul>	<p><b>For Sale</b></p> <p>Valeport</p>
	<p><b>NKE WiMo and WiMo Plus</b></p> <ul style="list-style-type: none"> <li>• Very good accuracy and autonomy</li> <li>• Temperature and pressure on the main housing</li> <li>• WiMo: 4 smart ports. WiMo Plus: 7 smart ports</li> <li>• Plug-in smart sensors : Wiper, Conductivity, Turbidity, Oxygen concentration, Oxygen saturation, pH, Fluorescence Chlorophyll A, Fluorescence Phycocyanin, Fluorescence Phycoerythrin, CDOM fDOM, Redox/ORP</li> <li>• Calculated parameters : Chloride, Depth, Salinity, Sound velocity, Specific conductivity, Total dissolved solids</li> <li>• Options: Plug-in GSM modem, Cloud, Buoy</li> </ul>	<p><a href="#">NKE Instrumentation</a></p>
	<p><b>RBR Compact loggers</b></p> <ul style="list-style-type: none"> <li>• Very good accuracy and autonomy</li> <li>• Solo or Duet for 1 or 2 sensors</li> <li>• Sensors available: Temperature, Pressure, Dissolved Oxygen, Turbidity or PAR</li> <li>• Pressure sensor capable of tide and low and high frequency wave measurements</li> </ul>	<p><a href="#">RBR</a></p>
	<p><b>RBR Standard loggers</b></p> <ul style="list-style-type: none"> <li>• Very good accuracy and autonomy</li> <li>• From 1 to 10 sensors: Virtuoso, Duo, Concerto, Maestro</li> <li>• Sensors available: Conductivity, Temperature, Pressure, CO<sub>2</sub> Dissolved Oxygen, Fluorescence, ORP, PAR, pH, Turbidity, Transmittance, and Voltage</li> <li>• Pressure sensor capable of tide and low and high frequency wave measurements</li> </ul>	<p><a href="#">RBR</a></p>
MetOcean buoys		Equipment manufacturer
	<p><b>Datawell Directional Waverider MK3 - 90 cm</b></p> <ul style="list-style-type: none"> <li>• Directional wave spectrum and parameters</li> <li>• HF + GSM (or HF + Iridium)</li> </ul>	<p><a href="#">Datawell</a></p>
	<p><b>HF Receiver plus antenna and 25m cable with RfBuoy Software</b></p> <ul style="list-style-type: none"> <li>• RX-C</li> </ul>	<p><b>For Sale</b></p> <p><a href="#">Datawell</a></p>
	<p><b>Sofar Ocean Spotter with SST - 42 cm</b></p> <ul style="list-style-type: none"> <li>• Directional wave spectrum and parameters</li> <li>• Iridium communication</li> </ul>	<p>Sofar Ocean</p>

<b>Seabed platforms &amp; Moorings</b>		<b>Equipment manufacturer</b>
<b>Lowered frames &amp; Vessel poles</b>		
	<p><b>DynamOcean Seabed Frame DIODORA (triangular pyramid)</b></p> <ul style="list-style-type: none"> <li>• Single ADCP gimbal (compatible with two fixed ADCPs)</li> <li>• Two empty rope canisters and brackets for acoustic release</li> <li>• Two buoys (360mm diameter, 20kg buoyancy)</li> <li>• False floor for lead weight (maximum 550kg)</li> <li>• 2.4m width, 0.55m height, 250kg without lead</li> </ul>	<b>For Sale</b> <a href="#">DynamOcean</a>
	<p><b>Seabed Frame (stainless steel, packable, no gimbal)</b></p> <ul style="list-style-type: none"> <li>• Brackets for two POP-UP buoys and two battery containers</li> <li>• 110 kg</li> </ul>	<a href="#">Nortek MED</a>
	<p><b>Seabed Frame (aluminium, packable, no gimbal)</b></p> <ul style="list-style-type: none"> <li>• Brackets for two POP-UP buoys and two battery containers</li> <li>• Feet with optional steel or lead weight (Maximum 90 kg)</li> <li>• Assembled 200*180*55cm (25 kg)</li> </ul>	<a href="#">DynamOcean</a>
	<p><b>Small seabed frame compatible with</b></p> <ul style="list-style-type: none"> <li>• Nortek side-looking aquadopp</li> <li>• Multiparameter probes</li> </ul>	<a href="#">DynamOcean</a>
	<p><b>POP-UP Buoy to fit on Seabed platforms</b></p> <ul style="list-style-type: none"> <li>• Bracket for acoustic release Sonardyne RT6-1000</li> <li>• Rope canister</li> <li>• 36 cm Trawl float</li> <li>• For ropes length of XXm (8 mm), XXm (10 mm), XXm (12 mm)</li> </ul>	<a href="#">DynamOcean</a>
	<p><b>POP-UP Buoy to fit on most frames:</b></p> <ul style="list-style-type: none"> <li>• Bracket for acoustic release Sonardyne RT6-1000</li> <li>• Rope canister 92 cm long and 26 cm diameter</li> <li>• For 100m of 8mm diameter rope plus one 20cm float</li> <li>• For 70m of 10mm diameter rope plus one 20cm float</li> </ul>	<a href="#">DynamOcean</a>
	<p><b>POP-UP Buoy for inline moorings:</b></p> <ul style="list-style-type: none"> <li>• Bracket for acoustic release Sonardyne RT6-1000</li> <li>• Rope canister 50cm long and 12cm diameter</li> </ul>	<a href="#">Sonardyne</a>
	<p><b>Vessel Mounted pole</b></p> <ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Bracket for ADCP or USBL</li> <li>• Bracket for GPS</li> </ul>	<a href="#">DynamOcean</a>
	<p><b>Inline ADCP frames</b></p> <ul style="list-style-type: none"> <li>• Single or double ADCP</li> </ul>	<b>For Sale</b> <a href="#">DynamOcean</a>
	<p><b>Elliptical ADCP buoys</b></p> <ul style="list-style-type: none"> <li>• Single or double ADCP</li> </ul>	
	<p><b>Buoy for Signature 250 or 500 - Ø 480 mm - length 1150 mm</b></p> <ul style="list-style-type: none"> <li>• Maintain a vertical orientation even when exposed to strong currents and wave action.</li> </ul>	<a href="#">NORTEK</a>
	<p><b>Wirewalker</b></p> <ul style="list-style-type: none"> <li>• Wave-powered</li> <li>• Vertical profiling with various instruments</li> <li>• Up to 1000 m depth range</li> </ul>	<a href="#">Del Mar Oceanographic</a>

<b>USBL</b>		<b>Equipment manufacturer</b>
<b>Acoustic Transponders, Releases and Modems</b>		
	<p><b>Sonardyne USBL : Micro-Ranger 2</b></p> <ul style="list-style-type: none"> <li>• To track any 6G transponders (Nano, RT6, WSM6+, etc)</li> <li>• Lightweight and easy to operate</li> </ul>	<a href="#">Sonardyne</a>
	<p><b>Sonardyne Nano Transponder</b></p> <ul style="list-style-type: none"> <li>• <u>WITH</u> pressure sensor</li> <li>• Depth rated to 1000 m</li> </ul>	<a href="#">Sonardyne</a>
	<p><b>Sonardyne Underwater Acoustic Modem 6 (Sub-Mini)</b></p> <ul style="list-style-type: none"> <li>• Transfer rates up to 9,000 bps</li> <li>• Depth rating: 1000m</li> <li>• Sonardyne Wideband® telemetry</li> </ul>	<a href="#">Sonardyne</a>
	<p><b>Sonardyne Acoustic Release and Transponder : RT6-1000</b></p> <ul style="list-style-type: none"> <li>• With inclinometer</li> <li>• Depth rated to 1,000 m</li> <li>• Working Load Limit (WLL) : 150 kg up to 300 kg with tandem kit</li> </ul>	<a href="#">Sonardyne</a>
	<p><b>Sonardyne Acoustic Release and Transponder : RT6-1000</b></p> <ul style="list-style-type: none"> <li>• With inclinometer</li> <li>• Depth rated to 3,000 m</li> <li>• WLL : 1,275 kg up to 25 tonnes with heavy duty release frame</li> </ul>	<a href="#">Sonardyne</a>
	<p><b>iXBlue Oceano 500 coastal acoustic releases : Model AR 701 AE</b></p> <ul style="list-style-type: none"> <li>• Rated Depth : 400m</li> <li>• WLL : 500kg</li> <li>• Release load : 200kg</li> </ul>	<b>For Sale</b> <a href="#">iXBlue</a>
	<p><b>iXBlue acoustic releases : Model AR 661 B1S</b></p> <ul style="list-style-type: none"> <li>• Depth rated : 6000m</li> <li>• WLL : 5000kg</li> <li>• low frequency command code structure for reliable deep sea operations</li> </ul>	<b>For Sale</b> <a href="#">iXBlue</a>
	<p><b>iXBlue Telecommand deck unit TT300</b></p> <ul style="list-style-type: none"> <li>• Model TT300 for Acoustic Release AR 701 AE</li> <li>• Model TT300B for Acoustic Release AR 661 B1S</li> </ul>	<b>For Sale</b> <a href="#">iXBlue</a>

<b>Pingers with tilt monitors IRIDUM &amp; ARGOS Beacons</b>		<b>Equipment manufacturer</b>	
	<p><b>Sonotronics Tilt angle monitoring transmitter : Model EMT-AR-3</b></p> <ul style="list-style-type: none"> <li>• User replacable AA lithium batteries (2)</li> <li>• Accuracy : ± 2.5° for angle between 15° and 90°</li> <li>• Range : 4km, Depth rating : 1km, Duration: 6 months</li> </ul>		<a href="#">Sonotronics</a>
	<p><b>Sonotronics Deck Box : Model USR-08</b></p> <ul style="list-style-type: none"> <li>• Frequency range : 30 to 90 kHz ( 500Hz steps)</li> <li>• Sensitivity : 1.0 microvolt for 40 dB</li> <li>• Omni-directional hydrophone</li> <li>• Directional hydrophone</li> </ul>		<a href="#">Sonotronics</a>
	<p><b>Iridium Beacon, metOcean iBCN</b></p> <ul style="list-style-type: none"> <li>• Rated depth : 7500m</li> <li>• Length 390mm, diameters 28.7 and 58.9, weight 0.81kg (in air) and 0.5kg (in water)</li> </ul>		<a href="#">metOcean</a>
	<p><b>Sercel Argos Beacon : Model BASM 3000</b></p> <ul style="list-style-type: none"> <li>• Rated depth : 3000m</li> <li>• Length 770mm, diameter 70mm, weight 5,5kg (in air) and 3.4kg (in water)</li> <li>• Quick retrieval of surface drifting equipment</li> </ul>	<b>For Sale</b>	<a href="#">Sercel</a>
<b>Data Telemetry</b>		<b>Equipment manufacturer</b>	
	<p><b>Satel Radio Telemetry : Radio Transceivers 2ASxE</b></p> <ul style="list-style-type: none"> <li>• Connection range of 4 to 40 kilometres</li> </ul>	<b>For Sale</b>	<a href="#">Satel</a>
	<p><b>Parani SD1000U Bluetooth USB Adapter for Seril Port replacement</b></p> <ul style="list-style-type: none"> <li>• 300m, 600m or 1000m with stub, sipole and patch antenna</li> <li>• 1000m range with optional Patch Antenna</li> <li>• Max transfer rate 3Mbps</li> </ul>		<a href="#">SENA</a>
<b>Single and Dual antenna GNSS (GPS)</b>		<b>Equipment manufacturer</b>	
	<p><b>Hemisphere smart antenna GNSS : Model A325</b></p> <ul style="list-style-type: none"> <li>• Option for GLONAS and RTK available</li> <li>• Long range RTK baselines of up to 50 km</li> <li>• Very fast RTK fix and reacquisition times</li> </ul>	<b>For Sale</b>	<a href="#">Hemisphere</a>
	<p><b>Hemisphere vector GNSS Compass : Model VECTOR V102</b></p> <ul style="list-style-type: none"> <li>• Horizontal position SBAS (0.5 m), heading (0.75°), roll &amp; pitch (1.5°), heave (30 cm)</li> <li>• Accurate heading during GNSS outages of up to 3 minutes</li> </ul>		<a href="#">Hemisphere</a>
	<p><b>Advanced Navigation GNSS Compass</b></p> <ul style="list-style-type: none"> <li>• 0.01 m RTK, 0.2° heading, 0.4° roll &amp; pitch, 200 Hz update rate</li> <li>• Accurate heading during GNSS outages of up to 20 minutes</li> </ul>		<a href="#">Advanced Solutions</a>

Weather Stations			Equipment manufacturer
	<p><b>Vaisala Weather Station : Model WXT520</b></p> <ul style="list-style-type: none"> <li>• Wind velocity magnitude and direction, Barometric Pressure</li> <li>• Air Temperature, Relative Humidity and Precipitation</li> </ul>	For Sale	<a href="#">Vaisala</a>
	<p><b>Vaisala Wind Sensor : Model WS425 (similar to WMT700)</b></p> <ul style="list-style-type: none"> <li>• Wind velocity magnitude and direction, Barometric Pressure</li> <li>• Air Temperature, Relative Humidity and Precipitation</li> </ul>	For Sale	<a href="#">Vaisala</a>
	<p><b>WindSonic : Wind Sensor</b></p> <ul style="list-style-type: none"> <li>• Wind Speed &amp; Direction Sensor</li> <li>• Low Power consumption</li> </ul>	For Sale	<a href="#">Windsonic</a>
Handling Systems			Equipment manufacturer
	<p><b>Winch and Cable for two lowered ADCPs</b></p> <ul style="list-style-type: none"> <li>• Cable length 150m for 18mm diameter</li> <li>• Line pull 450 kg</li> <li>• Speed: 25m/min</li> <li>• Power 230VDC</li> </ul>	For Sale	<a href="#">Treuils Huchez</a>
Vehicles			Equipment manufacturer
	<p><b>Teledyne RDI tethered float for RiverPro and RiverRay</b></p> <ul style="list-style-type: none"> <li>• Folding trimaran</li> </ul>		<a href="#">Teledyne RDI</a>
	<p><b>ARC Boat - mini USV/ASV</b></p>		<a href="#">HR Wallingford</a>
	<p><b>BlueROV2 - mini ROV</b></p> <ul style="list-style-type: none"> <li>• Pressure rating: 100m</li> <li>• Tether length: 50, 100, or 200m</li> <li>• 4 lights</li> </ul>		<a href="#">Blue Robotics</a>
	<p><b>YUCO - mini AUV</b></p> <ul style="list-style-type: none"> <li>• 300 m depth rated, 2.5 to 6 knots max, 6 to 10 hours endurance</li> <li>• Weigh 8 kg, Length 100 cm, Diameter 12 cm</li> <li>• Payload : Side scan, CTD, multiparameter probe, acoustic recorder</li> </ul>		<a href="#">Seaber</a>