

## **Applications:**

*"See" in the most  
turbid waters*

*Structure Inspection*

*Hull and Berth Sweeps*

*Threat Identification*

*Search and Recovery*

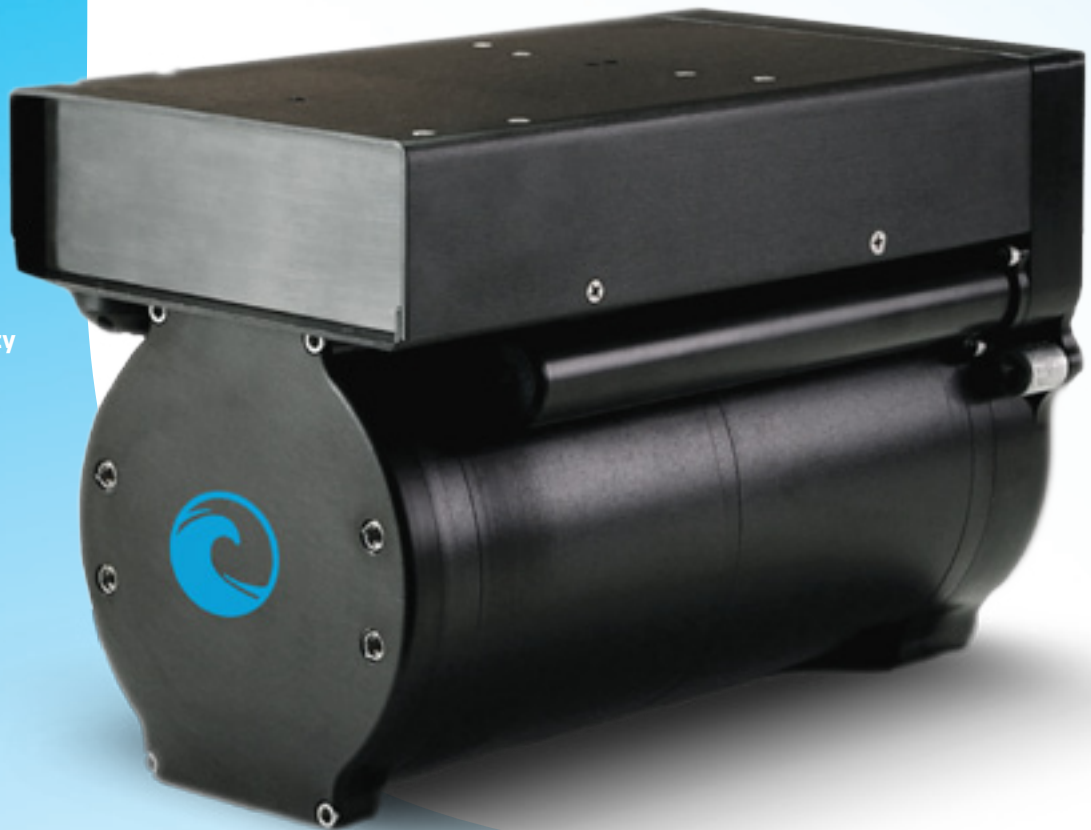
*Fisheries Management*

*Environmental  
Monitoring*

# DIDSON 300

## **DIDSON 300: See what others can't**

The DIDSON 300 delivers image clarity that is unmatched by any other sonar in its class. At 1.8 MHz, this imaging sonar provides the detail that is required for thorough inspection. At the lower frequency, 1.1 MHz, the DIDSON's clarity makes it an ideal tool for detecting targets up to 35 meters. These near-video-quality images are presented through a powerful, multifunctional interface. The DIDSON 300 is a favorite of fisheries/marine biology for its ability to deliver necessary detail in real-time. This level of resolution is ideal for inspecting underwater structures, hull and berth sweeps, and for military and law enforcement when accuracy is a must.



Identification Frequency

**1.8 MHz**

Detection Frequency

**1.1 MHz**

Depth Rating

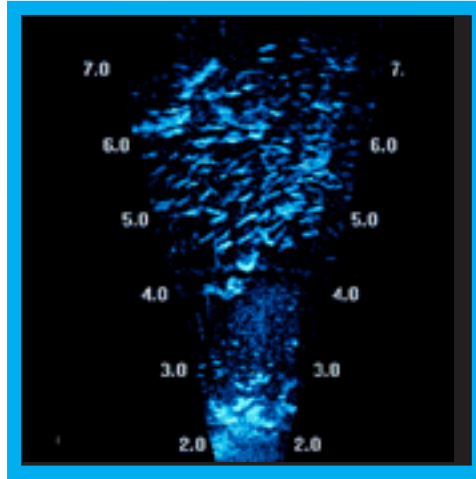
**300m**

Image samples at [soundmetrics.com](http://soundmetrics.com).

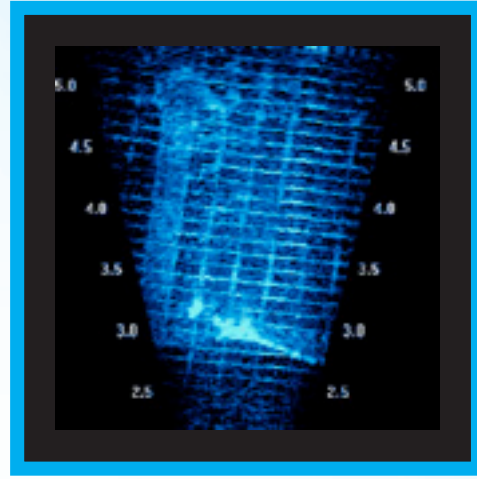


# FEATURES

- Near-video-quality dynamic images
- Optional sensor for sonar heading, roll and pitch
- Data easily converted to AVI files
- Ethernet interface with Windows™ computer for real-time data display and control
- Extensive software functions for image processing



**School of perch**



**Pipe wrench on grate**

<b>DIDSON 300</b>	<b>Operating Frequency*</b>	<b>Beamwidth</b>	<b>Number of Beams Physical / Displayed</b>
<b>Identification Mode</b>	1.8 MHz	0.3° H by 14° V	96 / 480
<b>Detection Mode</b>	1.1 MHz	0.6° H by 14° V	48 / 240

<b>Max Frame Rate</b>	<b>Field of View</b>	<b>Power Consumption</b>	<b>Weight (Air)</b>	<b>Weight (Water)</b>	<b>Dimensions</b>
20 frames/s	29°	30 W (12-36 Vdc)	7.7 kg	.6 kg	30 x 20 x 17 cm

\*The Long Range (LR) system uses lower frequencies (0.7 MHz and 1.2 MHz) and has a maximum range of 80m.

Founded in 2002, Sound Metrics Corp. is one of the first manufacturers of high resolution imaging sonars. These units are used in virtually every marine industry by some of the most recognizable companies around the world. In addition to being the technological leader in image quality, Sound Metrics has built a reputation for support and for innovating solutions around their customers' applications.

WORLDWIDE SALES INFORMATION:  
 Ocean Marine Industries, Inc.  
 Contact: Jeanne Dorsey • Ph: 757-382-7616  
 Email: [jdorsey@oceanmarineinc.com](mailto:jdorsey@oceanmarineinc.com)

