

## 2011 MATE International ROV Competition Award Winners

<b>CATEGORY</b>	<b>DESCRIPTION</b>	<b>WINNER</b>	
		<b>EXPLORER</b>	<b>RANGER</b>
<ul style="list-style-type: none"> <li>• Overall winners               <ul style="list-style-type: none"> <li>○ 1<sup>st</sup></li> </ul> </li> </ul>	Based on overall, total score	Trophy MTS memberships Memberships in the Professional Marine Explorers Society \$500 VISA card sponsored by MTS-Houston \$3K in travel support to attend UI 2012 courtesy of MTS ROV Committee 80 feet of tether courtesy of VideoRay HARD SUIT crystal courtesy of OceanWorks International	Trophy MTS memberships Memberships in the Professional Marine Explorers Society \$500 VISA card sponsored by MTS-Houston SumoBot Competition Kit courtesy of Parallax, Inc. 80 feet of tether courtesy of VideoRay HARD SUIT crystal courtesy of OceanWorks International

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<p>○ 2<sup>nd</sup></p>		<p>Trophy</p> <p>\$250 VISA card sponsored by Schilling Robotics</p> <p>Boe-Bot Robot Kit courtesy of Parallax, Inc.</p> <p>80 feet of tether courtesy of VideoRay</p>	<p>Trophy</p> <p>\$250 VISA card sponsored by Schilling Robotics</p> <p>Boe-Bot Robot Kit courtesy of Parallax, Inc.</p> <p>80 feet of tether courtesy of VideoRay</p>
<p>○ 3<sup>rd</sup></p>		<p>Trophy</p> <p>\$150 VISA card sponsored by SeaBotix</p> <p>Scout diver navigation system courtesy of Desert Star Systems</p> <p>Trelleborg hats and bookmarks</p>	<p>Trophy</p> <p>\$150 VISA card sponsored by SeaBotix</p> <p>Scout diver navigation system courtesy of Desert Star Systems</p> <p>Trelleborg hats and bookmarks</p>

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<ul style="list-style-type: none"> <li>• Technical report</li> </ul>	<p>Based on report evaluation score; see the competition challenges and design specs document for the elements on which teams will be judged</p>	<p>Trophy</p> <p>\$100 VISA card sponsored by Teledyne Impulse</p> <p><i>Mechatronics for the Evil Genius</i> courtesy of the Monterey Bay Aquarium Research Institute (MBARI)</p>	<p>Trophy</p> <p>\$100 VISA card sponsored by Teledyne Impulse</p> <p><i>Mechatronics for the Evil Genius</i> courtesy of the Monterey Bay Aquarium Research Institute (MBARI)</p>
<ul style="list-style-type: none"> <li>• Poster display</li> </ul>	<p>Based on poster evaluation score; see the competition challenges and design specs document for the elements on which teams will be judged</p> <p><i>The winning posters will be published in an upcoming issue of the Journal of Ocean Technology (published by the Canadian Centre for Marine Communications).</i></p> <p>1<sup>st</sup> – 3<sup>rd</sup> place winners also received <i>One Pelican at a Time</i> by Nancy Stewart, a children’s book about the Deepwater Horizon oil spill. The winning teams are encouraged to donate both the book and their posters to a local library to help younger children learn about the spill and how ROVs were part of the efforts to control it.</p>	<p>Trophy</p> <p>\$100 VISA card sponsored by Teledyne Impulse</p> <p><i>Solar Energy Projects for the Evil Genius</i> courtesy of MBARI</p> <p><i>One Pelican at a Time</i> courtesy of the MATE Center and the MTS Education Committee</p>	<p>Trophy</p> <p>\$100 VISA card sponsored by Teledyne Impulse</p> <p><i>50 Green Projects for the Evil Genius</i> courtesy of MBARI</p> <p><i>One Pelican at a Time</i> courtesy of the MATE Center and the MTS Education Committee</p>

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<ul style="list-style-type: none"> <li>Engineering evaluation</li> </ul>	<p>Based on engineering interview evaluation score; see the competition challenges and design specs document for the types of elements on which teams will be judged</p>	<p>Trophy</p> <p><i>123 Robotics Experiments for the Evil Genius</i> courtesy of MBARI</p> <p>\$50 Home Depot gift card sponsored by MTS-Florida</p>	<p>Trophy</p> <p><i>123 Robotics Experiments for the Evil Genius</i> courtesy of MBARI</p> <p>\$50 Home Depot gift card sponsored by MTS-Florida</p>
<ul style="list-style-type: none"> <li>Mission</li> </ul>	<p>Based on the mission performance; see the competition challenges for the mission tasks and scoring</p>	<p>Trophy</p> <p><i>Electronic Sensors: 54 Electrifying Projects for the Evil Genius</i> courtesy of MBARI</p>	<p>Trophy</p> <p><i>51 High-Tech Practical Jokes for the Evil Genius</i> courtesy of MBARI</p>
<ul style="list-style-type: none"> <li>Harry Bohm/Jill Zande “Sharkpedo” award</li> </ul>	<p>Innovation and originality; thinking outside of the box</p>	<p>Sharkpedo award</p> <p>iRobot Gutter Cleaners and LEGO HardSuit courtesy of Harry Bohm</p> <p>\$50 Home Depot gift card sponsored by MTS-Monterey Bay</p>	<p>Sharkpedo award</p> <p>iRobot Gutter Cleaners and LEGO HardSuit courtesy of Harry Bohm</p> <p>\$50 Home Depot gift card sponsored by MTS-Monterey Bay</p>

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<ul style="list-style-type: none"> <li>• Biggest Bang for the Buck</li> </ul>	<p>Spent the least amount of money on a vehicle that performed well</p>	<p>Scribbler 2 Robot Kit courtesy of OceanGate Foundation</p> <p>X-10 Anaconda color camera</p>	<p>Boe-Bot Robot Kit courtesy of OceanGate Foundation</p> <p>X-10 Anaconda color camera</p>
<ul style="list-style-type: none"> <li>• Safety Conscious</li> </ul>	<p>For the team that exhibited exemplary safety practices</p>	<p>60 feet of tether courtesy of VideoRay</p> <p>Digital multimeter</p> <p>MBARI thumb drives</p>	
<ul style="list-style-type: none"> <li>• Design Elegance</li> </ul>	<p>For the vehicle that incorporates aesthetics, simplicity, and functionality into its design</p>	<p>\$100 Home Depot gift card sponsored by MTS-Gulf Coast</p> <p>Robotic submarine courtesy of Harry Bohm</p>	<p>\$100 Home Depot gift card sponsored by MTS-Gulf Coast</p> <p>Robotic submarine courtesy of Harry Bohm</p>
<ul style="list-style-type: none"> <li>• Aloha Team Spirit</li> </ul>	<p>Enthusiasm, encouragement, best team t-shirts</p>	<p>\$100 Home Depot gift card sponsored by MTS-Hawaii</p> <p>Scribbler 2 Robot courtesy of OceanGate Foundation</p>	<p>\$100 Home Depot gift card sponsored by Stu Burley</p> <p>Scribbler 2 Robot courtesy of OceanGate Foundation</p>

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<ul style="list-style-type: none"> <li>Guts &amp; Glory</li> </ul>	<p>Overcame hardships with determination and resolve</p>	<p>Trophy sponsored by Nancy Summers, Oceaneering International</p> <p>\$100 Home Depot gift card sponsored by MTS-San Diego</p> <p>X-10 Anaconda color camera</p> <p><i>Transformer 3: Dark Side of the Moon</i> movie t-shirts, hats, cups, and posters</p>	<p>Trophy sponsored by Nancy Summers, Oceaneering International</p> <p>\$100 Home Depot gift card sponsored by MTS-San Diego</p> <p>X-10 Anaconda color camera</p> <p><i>Transformer 3: Dark Side of the Moon</i> movie t-shirts, hats, cups, and posters</p>
<ul style="list-style-type: none"> <li>gROVer Award</li> </ul>	<p>In honor of Crocket Wise, founder of the Team Orlando Robotic Club (TORC) and technical assistant at both the Florida Regional and the International ROV competitions. Awarded to a team or an individual who demonstrates courtesy, kindness, and professionalism and assists other teams, providing technical as well as moral support.</p>	<p>\$50 VISA card sponsored by Crockett's Memorial Challenge Fund</p> <p><i>123 Physics Projects for the Evil Genius</i> courtesy of MBARI</p> <p>Crystal chopsticks courtesy of the Hong Kong Government</p>	

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<ul style="list-style-type: none"> <li>• Martin Bowen Memorial Inspiration for Future Engineers Award</li> </ul>	<p>In honor of Martin Bowen, underwater vehicle engineer and ROV pilot. Martin spent a good part of his career at the Woods Hole Oceanographic Institution (WHOI). He made six dives in the Alvin submersible during the second Titanic expedition, and was the first to pilot an ROV down the grand staircase of the famous shipwreck. Given to a team or an individual who demonstrates passion, creativeness, and ingenuity along with a sense of humor, professionalism, and kindness towards fellow competitors.</p>	<p>Certificate and \$100 VISA card sponsored by the Martin Bowen Memorial</p> <p>Plate courtesy of the Hong Kong Government</p>
<ul style="list-style-type: none"> <li>• Flying Fish Award</li> </ul>	<p>Established by underwater technology pioneer Chris Nicholson, this award recognizes one individual's innovation and ingenuity.</p>	<p>Flying Fish plaque and \$500</p> <p>Chopsticks courtesy of the Hong Kong Government</p>
<ul style="list-style-type: none"> <li>• Marty Klein MATE MARINER Award</li> </ul>	<p>Established by side scan sonar inventor Marty Klein, this award recognizes a team or individual's appreciation for the practical applications of their knowledge and skills as well as their passion for the field of marine science and technology.</p> <p><i>"Always ask how we can do this better"</i></p>	<p>MATE MARINER medals and \$1,000</p>
<ul style="list-style-type: none"> <li>• Engineering evaluation "MVP" awards</li> </ul>	<p>Presented to students who excelled during their teams' engineering presentations</p>	<p>LiveScribe SmartPens courtesy of Schilling Robotics</p>