


## COMPANY SPECS SHEET

<b>Company and School</b>	Cylon Corp., Colegio Sagrado Corazón de Jesús
<b>Home Country</b>	Puerto Rico
<b>Traveling Distance to international competition</b>	3,437 miles
<b>History of MATE ROV competition participation</b>	All members are new to the competition
 <p><b>Figure 1: Company Photo</b>                  Top: (Left to Right) Bianca Rodriguez, Andrea Santiago, Alaina Roman, Carlos Ocasio, Luis Hernandez, Ricardo Goitia, Aymette Medina                  Bottom: (Left to Right) Eduardo Aponte, Geraldo Lebron Jr., Veronica Melendez, Jan Michael Lebron</p>	<p style="text-align: center;"><b>Company Member Roles</b></p> <ul style="list-style-type: none"> <li>• Carlos Ocasio- CEO, Pilot (12<sup>th</sup> grade)</li> <li>• Bianca Rodriguez- COO, First Co-Pilot (9<sup>th</sup> grade)</li> <li>• Veronica Melendez- CFO, Project Manager (11<sup>th</sup> grade)</li> <li>• Luis Hernandez- Tether man (11<sup>th</sup> grade)</li> <li>• Eduardo Aponte- Second Co-Pilot (12<sup>th</sup> grade)</li> <li>• Andrea Santiago- Safety Officer (9<sup>th</sup> grade)</li> <li>• Geraldo Lebron Jr.,- Research and Development (6<sup>th</sup> grade)</li> <li>• Jan Michael Lebron- Research and Development (7<sup>th</sup> grade)</li> <li>• Ricardo Goitia- ROV Technician (11<sup>th</sup> grade)</li> <li>• Alaina Roman- System Designer (9<sup>th</sup> grade)</li> <li>• Geraldo Lebron Sr., -Science Teacher</li> <li>• Armando Rodriguez- Mentor</li> <li>• Raul Santiago- Assistant Mentor</li> <li>• Aymette Medina- MATE Regional Coordinator</li> </ul>

<b>ROV Name</b>	Underwater Vehicle for Exploration (UVE)
<b>Weight and Size</b>	3.38 kg., 27 cm x 38 cm x 24 cm
<b>Total Cost</b>	\$1,000.37
<b>Total Student Hours for Design and Build</b>	1,000 hours
<p><b>Safety Features:</b>                  Shrouded motors, Caps for screws' end point, 25A fuse in the control system wiring</p>	<p style="text-align: center;"><b>Figure 2. ROV Photo</b></p> 
<p><b>Special Features:</b>                  360 ° rotating claw powered by hydraulic system, 2 cameras, calibrated monitor for measurement system, adjustable light, adjustable housing motor, crane system as additional tool.</p>	