COMPANY SPEC SHEET

COMPANY SPECS

- The name of our company is **The Blue Ocean**.
- The community organization name is Arab academy for science and technology located in Cairo (Sheraton).
- Cairo, Egypt.
- Distance required to travel to the international competition is 6,799 miles or 10,943 kilometres.
- This is the first time for our company to participate in this competition, so we are new in this field.

<table>
<thead>
<tr>
<th>CEO/Pilot</th>
<th>Mohamed Youssef Mostafa</th>
<th>Mechanical Designer</th>
<th>Mohamed marouf Shurrab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturing</td>
<td>Mostafa Assem Shneshen</td>
<td>Manufacturing</td>
<td>Mohamed Samir Abdel Latif</td>
</tr>
<tr>
<td>Fabrication</td>
<td>Salma Hussam Sedky</td>
<td>Fabrication</td>
<td>Norhan Hamdi Ali</td>
</tr>
<tr>
<td>Mentor</td>
<td></td>
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<td>Dr. Sameh Shaaban</td>
</tr>
</tbody>
</table>

- Range of grades is 2.2-3.9.
ROV SPECS

- ROV name is Shark
- Total costs: 16185 Egyptian pounds.
- A primary material used in construction is Aluminum.
- Approximate dimensions in metric units: 550 * 350 * 300 mm
- Total weight in air in kilograms: approximate to 9 -10 kg.
- Safety features: Highly isolation waterproof materials are used, Fuses, multiple DC-DC converter.
- Special features:
  - Labview interface
  - Tested in 5 meter depth.
  - Joystick Control.
- Maximum current consumption at 12V: 38 - 40 A
- Photo of the vehicle.