



2016 MATE international ROV competition RANGER Class

Distance to International Competition : 11350.37 km

AQUA Discovery

EGYPT , Menofia
SHEBIN EL -KOM
IDEL SCHOOL

OPERA ROV

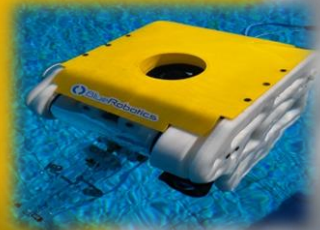


OPERA ROV Spec:

Dimensions: 0.3 m X 0.28 m X 0.27 m.
Material: polyethylene, Acrylic, copper.
Weight in Air: 10.75 kg.
Total Cost: 1602.60 \$
Depth Rating: 100 MSW
Power: 12 VDC, Max Current: 25 Amp

Team Members:

Kareem Ahmed Baibars (Pilot) (returning)
Leena Ahmed Baibars (Marketing) (returning)
Yahiya Ehab Swelam (Co-Pilot) (returning)
Mostafa Ahmed Sadek (new)
Mohamed Samer ElShikh (new)
Mostafa Mohamed Rehan (new)
Gaby Mina Ghobrial (new)
Andria Ayman Fathy (Tether Man)(new)
Omar Shiref Kebaly (new)
Ahmed Amir El Sakhawy (new)
Ramy Ahmed Attia (new)
Farida Hossam (second Co-Pilot) (new)
Adnan Badr AbdAlla (CFO) (new)
Mariam Adel Alam Eldin (new)
Mohamed Adel Alam Eldin (new)
Eyad Hazem (new)
Mostafa Mohamed Rehab (new)
Mariam Yasser (new)
Ziad Shreif Rabea (new)



OPERA ROV Safety Features:

1. 10A fuse & 25 A DC circuit breaker.
2. no sharp edges.
3. Safety wire for the ROV
4. IP-64 Surface Control Unit.

Supervisor:

DR. Eman Shedeed

Mentors:

Eng. Mahmoud Ibrahim

Eng. Fawzy Ghoneim

OPERA ROV Special Features:

1. 2 HD Cameras.
2. 2 DOF Manipulator with 4 claw gripper
3. IP-64 Surface Control Unit.