



Company info:

Name: MSU Robotics Team
School: Maritime State University
 named after G.I. Nevelskoi
Home: Russia, Vladivostok
Traveled: 4 727.47 miles
History: 5th Year Participating
Education: Undergraduate
 Post Secondary

MSU Robotics Team

ROV Halcyon

Employee Information:

Vladislav Kutsenko:
 designer, 3rd year
Andrey Bakharev:
 MK programmer, 2nd year
Anastasia Patenkova:
 programmer, 2nd year
Oleg Shevchenko:
 electronic engineer, 1st year
Nikita Chemyshov:
 electronic engineer, 2nd year

Mentors:

Peter Gorelov
Alexander Esin



ROV Specifications:

Total Mass in Air: 12.7 kg
Overall Dimensions:
 488.5mm x 316mm x 296mm
Primary Material: Polyethylene, Polypropylene,
 Aluminum 7075T-6
Total Cost: \$6641
Total ROV Design Person-Hours: 4368 Hours
Safety Features: Master Fuse, Rounded Edges,
 Hardware and Software Kill Switches,
 Thruster Guards, Movement Regulators
Special Features: Active power limit,
 Objects detection based on

computer vision,
 Two 360° cameras,
 Operating via Wi-Fi,

