

TEAM SPEC SHEET

TEAM SPECS

School name: *Bauman Moscow State Technical University team "Hydronautics ROV".*

Home state: *Russia, Moscow. Distance traveled to the international competition: 9 000 km.*

History of MATE ROV competition participation: *BMSTU team participated in MATE ROV competition in 2010 at Hilo and in 2011 at Houston.*

Team photo:



Team mentor: Stanislav Severov – professor of BMSTU

Team captain: Ilya Kostandi, 5 course student

Team members: Aleksey Semin-4 c. stud., translator
Alexander Ryzhov – graduate, outsourcing consultant
Andrey Kozinov – 5 course student, organizer
Assel Bushkova – 4 course student, press attaché
Denis Shipovskoy – 4 course student, experimenter
Dmitriy Kovalevich – 4 course student, investigator
Dmitriy Pastorov – 3 course student, engineering
Dmitry Garbuzov – graduate, tech. report consultant
Ekaterina Lyamina - 5 course student, HR manager
Feliks Palta – 5 course student, programmer-coder

Kirill Zyuzyaev – 5 course student, coordinator
Marat Minzaripov – 6 course student, designer
Margarita Korotkova – 4 cour. student, communicator
Natalia Petrova – 4 course student, procuring
Oksana Eroshenko - 4 course student, procuring
Pavel Ikomasov – 5 course student, risk manager
Vadim Efarov – 3 course student, pool investigator
Valentin Myshkovsky – graduate, design consultant
Vladimir Kuznetsov – 5 c. student, payload manager

ROV SPECS

ROV name: *Akvator-3D*

Total cost: \$20400

Primary materials used in construction:

Aluminum, Polycarbonate, Acrylic.

Approximate dimensions, mm (LxBxH):

500x500x300

Total weight in air in kilograms: *17,5*

Safety features: *Power voltage: 48V DC*

Special features: *own original thrust propellers; hydraulic manipulator; metal detector; laser rangefinder; 3D-vision; plug-in-electronics; own program codes; own lift bag; modular electronics structure*

Photo of our ROV:

