



# Bauman Moscow State Technical University Team Moscow, Russia



**Distance required to travel to the competitions:** 8370 km.  
We participate in international competitions since 2010!

**Severov Stanislav – Team Mentor**

## 6<sup>th</sup> course students



**Kostandy Ilya**  
Team Captain/Chief  
Design Engineer/  
1<sup>st</sup> Pilot,  
3<sup>rd</sup> year participant



**Kuznetsov Vladimir**  
Chief Programmer,  
1<sup>st</sup> Manipulator Pilot,  
3<sup>rd</sup> year participant



**Ikomasov Pavel**  
Control engineer/  
Programmer/Mission  
Commander,  
3<sup>rd</sup> year participant



**Palta Felix**  
Chief electronics  
engineer/Programmer/  
2<sup>nd</sup> Pilot,  
2<sup>nd</sup> year participant



**Kozinov Andrey**  
Design Engineer,  
3<sup>rd</sup> year participant



**Lyamina Ekaterina**  
Control engineer,  
3<sup>rd</sup> year participant

## 5<sup>th</sup> course students



**Petrova Natalya**  
CFO/Head of Procurement/  
Design Engineer,  
2<sup>nd</sup> year participant



**Kovalevich Dmitriy**  
PR manager,  
2<sup>nd</sup> year participant



**Moskovoy Pavel**  
Programmer/Electronics  
engineer,  
2<sup>nd</sup> year participant

## 4<sup>th</sup> course students



**Strelnitskiy Anatoly**  
Design and Electronics  
engineer/Cable Manager,  
1<sup>st</sup> year participant



**Vadim Efarov**  
Technician,  
2<sup>nd</sup> year participant

## 3<sup>rd</sup> course student



**Sergei Zubkov**  
Design Engineer,  
1<sup>st</sup> year participant

## ROV “Akvator 3D” Specs

**Dimensions, mm:** 630x540x280;

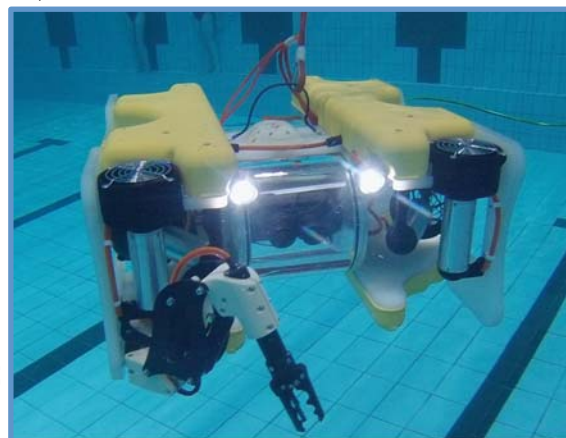
**Materials:** polypropylene, aluminum,  
plexiglass, polyamide;

**Weight, kg:** 28;

**Total cost:** 25 000 \$.

### Safety features:

- fuses/circuit breakers;
- no sharp edges;
- safety shrouds on propellers;
- safety stickers.



### Special features:

- self-designed thrusters;
- 4 vectored horizontal thrusters;
- 4 vertical thrusters;
- hydraulic manipulator;
- modular electronics construction;
- 3d-vision;
- self-designed control/monitor unit;
- depth and heading stabilization systems.