

RAMI Marine Robots

Autonomous Underwater Vehicle (AUV) Vehicle specifications and capabilities

(Please, attach this document to the Team Information Form)

Vehicle Details

Team's Name:

Vehicle's Name:

Vehicle's Version:

Picture of the vehicle:

PLEASE ADD HERE THE PHOTOGRAPH

Vehicle Features

Vehicle weight:

Dimensions:

Maximum payload capacity:

Nominal mission time (i.e. with mission payload):

Depth Rating:

Cruise speed:

Maximum speed:

Navigation System and accuracy:

Please, select the option that applies to your vehicle:

- ☐ Full remotely piloted (during manipulation tasks)
- ☐ Fully Autonomous

On- board sensors

Please, describe in this section the on-board sensors of your vehicle (i.e. visual/IR cameras, sonar, DVL, altimeter, IMU, GPS, etc...).

Communication

Please, define the frequencies and the technologies used for communication with the vehicle when on surface and underwater (e.g. WiFi, radiolink, acoustic modem)

Security features

Please, define the type of communication/localisation solution with the vehicle in case of and emergency (i.e. radiolink for emergency, acoustic pinger, USBL)

Please, select the options that apply to your vehicle:

- ☐ Interrupt mission and stand-by
- ☐ Switch off all motors and computer and surface
- ☐ Return to Home capability
- ☐ Emergency surface
- ☐ Other:

Vehicle Capabilities

Please, describe in this section all the tested capabilities of the vehicle (i.e. 2D or 3D mapping, autonomous/teleoperated manipulation, sense and avoid capabilities, autonomous navigation, etc.)

Other comments

NOTE-1: The information in this form will be published on the METRICS website for dissemination purposes.

Please tell us if there is some information that you wish to keep private (i.e. by marking or highlighting that text).