**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).*