

ROV DOE PHANTOM XTL

The Bon Geni vessel integrates on board an underwater ROV, the PHANTOM XTL, ready to dive down to 150 m depth. The main objectives are to explore the underwater surface, geologic and biologic sampling, and underwater observation and footage.



The vehicle has been modified by Argo Maris staff to carry on its working program.

- Working depth: 150 m
- Load: 8 kg
- Altimeter and compass on board
- Modular design for extra equipment
- Lighting system: halogen 200 W
- High resolution camera SONY FCB S3000P 3CCD
- One function electrical manipulator
- Digital telemetry for camera, lights and manipulator control, image recovery in real time.
- One function manipulator.

Optional Instrumentation

- Acoustic positioning system USBL Tracklink, that allows the localization of the vehicle in real time on a global coordinate system
- Obstacle avoidance sonar

The ROV is operated from the bridge in coordination with the captain who holds the position right on the target coordinates.



“Our science and knowledge of the seas has still big questions to answer, challenges and unexplored areas”