



MARVEL micro-AUVs for survey and MCM

MARVEL

MARVEL-SCAN



KEY FEATURES

- Length : 98 cm to 128 cm
- Weight : 9.5 kg to 10.5 kg
- Diameter : 12 cm
- Depth rating : 300 meters
- Autonomy : up to 8 hours

MARVEL-MAGNETO



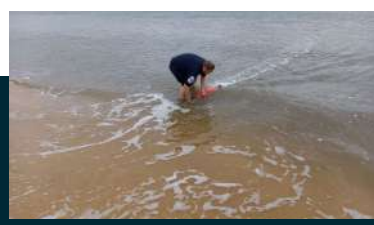
MARVEL-3DSS



MARVEL-MBES



MARVEL-LUMEN



MARVEL is the new generation of autonomous underwater vehicles for defense and survey markets.

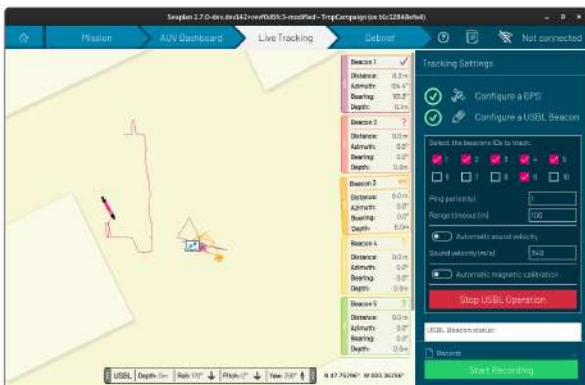
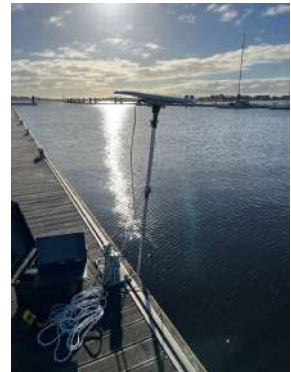


Acoustic positioning and communication module

MARVEL is equipped with of-the-shelf Seatrac from BP to improve its navigation accuracy and be able to interact with the AUV while it's underwater through very quick and simple orders.

Surface communication with SeaTrac unit

The surface communication module comes with all necessary equipment in a full package: Dual Antenna GNSS unit with RTK capabilities, Network Router and USBL communication module. Everything can be folded to be stored easily.



Real-time positioning and navigation accuracy

Through the "Live Tracking" page of **SEAPLAN**, you can get all the information both about the AUV and about the USBL surface unit in real-time. You can track up to 10 AUVs at the same time. At a glance, you can follow the **MARVEL** position in real-time and you will receive at each ping the distance, azimuth, bearing and depth of the AUV. While the **MARVEL** is doing its mission underwater, you can send orders to the AUV through the surface unit.

Every **MARVEL** comes with a set of accessories, including spare fins and a rugged transportation case especially designed to easily and safely move the **MARVEL** anywhere. And a case that includes USBL surface unit and its pole.



Contact

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With MARVEL, take your measurement further

