



## How to tell if it is an AUV:

AUVs are driven by a small propeller on the tail end. They are bright yellow and tube-shaped with three 6-inch long 'fins' near the tail section and propeller. There is a short antenna on the hull. AUVs have no wings on the sides. AUVs are 14 feet long and 13 inches in diameter and weigh about 650 pounds. If damaged, the antenna, tail 'fins,' or propeller may be missing, but you can still tell it is an AUV by its size.

# AUVs

The Ocean Observatories Initiative (OOI) will be operating autonomous underwater vehicles (AUVs) in the Atlantic Ocean 35 to 100 nautical miles south of Martha's Vineyard beginning in 2014.

## What to do if you find an AUV:

In normal operation you may see AUVs resting at the surface for up to 30 minutes while they transmit data – they will then go underwater and return to their mission. Do not remove an AUV from the water that may be operating normally and is just transmitting data. If you find an AUV with obvious damage, or you happen to see one resting at the surface for longer than 2 hours, please call the hotline number (painted on the side and also listed below) for further instructions. Do not bring an AUV back to port unless requested to do so by OOI. In rare cases, you may find an AUV in a net. Again, please call the hotline number painted on the side and also listed below. If you are unable to call, please put the AUV back in the ocean.

**AUV Hotline Number:**

**1-508-548-1401**

Data can be viewed at  
**[www.oceanobservatories.org](http://www.oceanobservatories.org)**