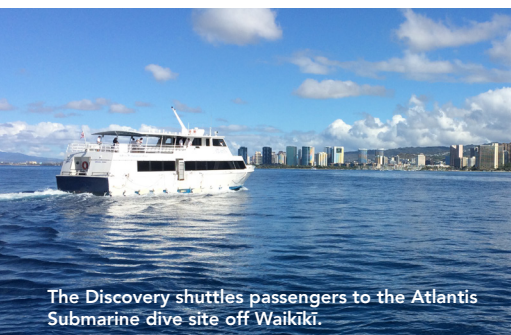


10 Years ~ 10 Stories

PacIOOS From Users

#1 Captain Rob Moylan, Atlantis Adventures, Hawai'i

Originally from Florida, Captain Rob Moylan has always been drawn to the ocean and fell in love with the Hawaiian Islands during a vacation. For more than 17 years, Rob has served as a Captain for Atlantis Adventures in Hawai'i. At the helm of the *Discovery*, Captain Rob and the Atlantis crew shuttle passengers every hour from the Waikiki Hilton Dock to a permitted submarine dive site approximately 1.5 miles offshore.

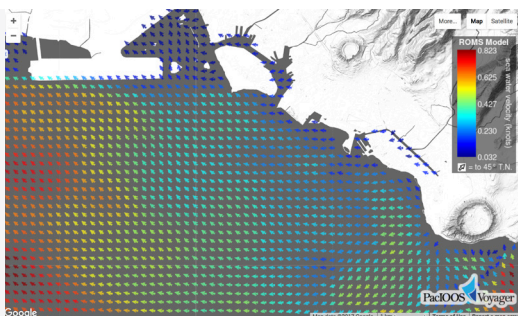


The *Discovery* shuttles passengers to the Atlantis Submarine dive site off Waikiki.

"I like to check the PacIOOS currents model because it serves as a heads-up of what to expect for the day."

In order to prepare for a day on the water, Captain Rob checks the PacIOOS ocean currents forecast to assess the predicted ocean conditions. In addition, the crew uses visual observations and markers to ensure on-the-water and submarine safety. The submarine closely navigates through artificial reef structures; therefore, strong currents can pose a safety concern and lead to cancellations. Availability of ocean observations and forecast data allow for safe and smooth operations.

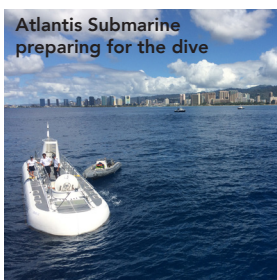
PacIOOS provides ocean currents forecasts for up to 7-days through the Regional Ocean Modeling System (ROMS), which is available for different grids in Hawai'i and other parts of the Pacific Islands region. The model also forecasts water temperature, salinity, and, ocean surface topography.



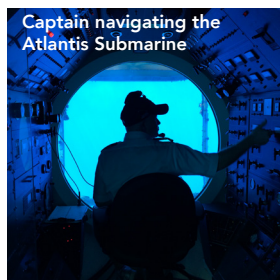
<http://pacioos.org/currents-category/model/>



Passengers boarding the submarine



Atlantis Submarine preparing for the dive



Captain navigating the Atlantis Submarine