

NOAA Ship *Okeanos Explorer*: 2019 Atlantic

In May 2019, a 13-day expedition on NOAA Ship *Okeanos Explorer* will focus sea trials and shakedown operations to prepare the ship's scientific systems for the remainder of 2019 expeditions. Shakedown operations will include calibrating the EM302 multibeam sonar and the EK60/EK80 split-beam sonars used for mapping operations, as well as the ultra short baseline (USBL) sonar used for positioning during ROV operations. Several ROV test dives will be completed, including tests of a new suction sampling device. A new sonar syncing device will also be tested, and work will be completed to get the ship's underway CTD system operational.



Planned expedition dates and activities include:

- **May 12 - May 24, 2019:** Sea trials and shakedown operations starting in Pascagoula, Mississippi, and ending in Key West, Florida.

U.S. Southeastern Continental Margin and Bahamas

- **May 29 - June 14, 2019:** Mapping operations starting in Key West, Florida, and ending in Port Canaveral, Florida.
- **June 20 - July 12, 2019:** Mapping and ROV operations starting in Port Canaveral, Florida, and ending in Norfolk, Virginia.

