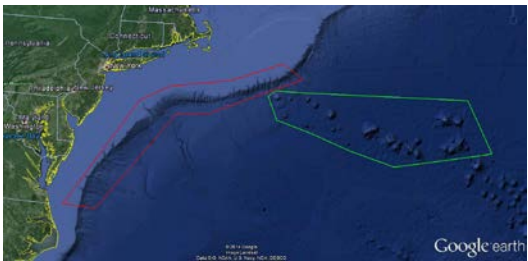


OKEANOS EXPLORER ROV DIVE SUMMARY

Site Name	Asterias Seamount (Aborted)		
ROV Lead/Expedition Coordinator	Todd Gregory/ Brian Kennedy		
Science Team Leads	Scott France and Susan Schnur		
General Area Descriptor	Northwest Atlantic Ocean; Mid Atlantic U.S. Canyons		
ROV Dive Name	Cruise Season	Leg	Dive Number
	EX1404	3	DIVE06
Equipment Deployed	ROV:	Deep Discoverer	
	Camera Platform:	Seirios	
ROV Measurements	<input checked="" type="checkbox"/> CTD	<input checked="" type="checkbox"/> Depth	<input checked="" type="checkbox"/> Altitude
	<input checked="" type="checkbox"/> Scanning Sonar	<input checked="" type="checkbox"/> USBL Position	<input checked="" type="checkbox"/> Heading
	<input checked="" type="checkbox"/> Pitch	<input checked="" type="checkbox"/> Roll	<input checked="" type="checkbox"/> HD Camera 1
	<input checked="" type="checkbox"/> HD Camera 2	<input checked="" type="checkbox"/> Low Res Cam 1	<input checked="" type="checkbox"/> Low Res Cam 2
	<input checked="" type="checkbox"/> Low Res Cam 3	<input checked="" type="checkbox"/> Low Res Cam 4	<input checked="" type="checkbox"/> Low Res Cam 2
Equipment Malfunctions	none		
ROV Dive Summary (From processed ROV data)	Complete data set not available due to aborted dive.		
	In water at: 38.9295N, -65.3482W		
Special Notes	The dive was aborted before the ROV reached the bottom due to weather.		
Scientists Involved <i>(please provide name / location / affiliation / email)</i>	Peter Auster	UConn and SRF	peter.auster@uconn.edu
	Amy Baco-Taylor	Florida State University	abacotaylor@fsu.edu
	Tara Harmer Luke	The Richard Stockton College of New Jersey	luket@stockton.edu
	Katie Musser	ULL	katie.musser@mail.wlc.edu
	Brendan Roark	Texas A&M University	broark@geos.tamu.edu
	Esprit Saucier	University of Louisiana at Lafayette	heestand.saucier@louisiana.edu
	Tim Shank	WHOI	tshank@whoi.edu
	Brad Stevens	Univ of MD Eastern Shore	bgstevens@umes.edu
	Michael Vecchione	NMFS Systematics Lab	vecchiom@si.edu
	Les Watling	University of Hawaii at Manoa	watling@hawaii.edu
	Rhian Waller	University of Maine	rhian.waller@maine.edu
	Scott France	University of Louisiana at Lafayette	france@louisiana.edu
	Adam Boyette	NOAA NCDDC	adam.boyette@noaa.gov
	Susan Schnur	Oregon State University	sschnur@coas.oregonstate.edu
	Ellie Bors	WHOI	ekbors@gmail.com
Emily Duwan	University of Connecticut	emilyduwan@gmail.com	

Purpose of the Dive

To explore the biology and geomorphology of Asterias Seamount.

Description of the Dive:

The ROVs were deployed for the first ever exploration of Asterias Seamount. Once the ROV reached 2100 meters the decision was made to abort the dive due to deteriorating weather conditions. The ROV imaged numerous creatures in the water column during the dive but bottom contact was never made.

Overall Map of ROV Dive Area

Not Available

Close-up Map of Main Dive Site

Not Available

Representative Photos of the Dive



Please direct inquiries to:

NOAA Office of Ocean Exploration & Research
1315 East-West Highway (SSMC3 10th Floor)
Silver Spring, MD 20910
(301) 734-1014