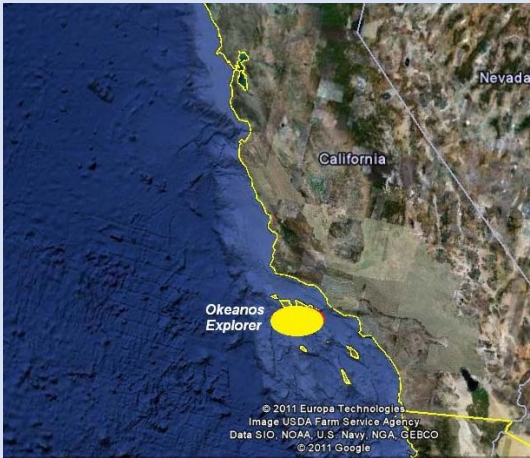


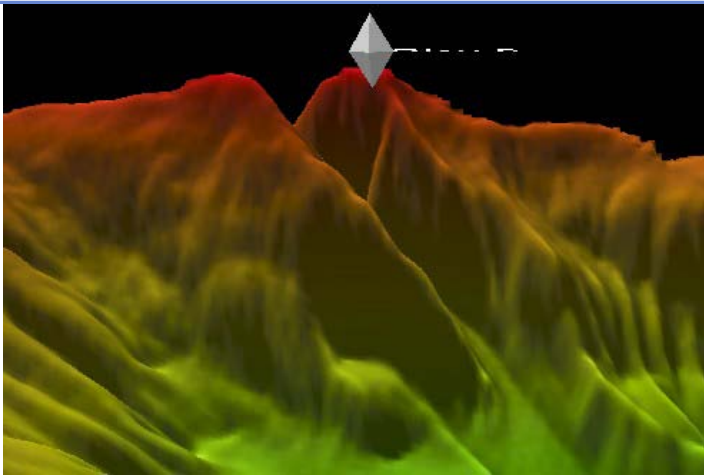
OKEANOS EXPLORER ROV DIVE FORM

Site Name	Santa Cruz Canyon				
ROV Lead	Dave Lovalvo				
General Area Descriptor	6 km South of Santa Cruz Island, Channel Islands, CA				
UTC Date & Time	Deployment	4/21/2011 20:34h			
	Recovery	4/21/2011 21:40h			
Bottom Time [HH:MM]	0:00				
Landing Time & Location	UTC Time	NA		Depth [m]	NA
	Latitude	-	0	-	' N
	Longitude	-	0	-	' W
Off Bottom Time & Location	UTC Time	NA		Depth [m]	NA
	Latitude	-	0	-	' N
	Longitude	-	0	-	' W
ROV Dive Name	Cruise Season	EX1102		Leg	-
				Dive Number	ROV02
Equipment Deployed	ROV:	Little Hercules			
	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	
	<input checked="" type="checkbox"/> Low Res Cam 1	<input checked="" type="checkbox"/> Low Res Cam 2			
Equipment Malfunctions	ROV GUI Software Issues				
Special Notes	Dive aborted at 50m depth to recover vehicles and resolve software issues.				
Scientists Involved <i>(please provide name / location / affiliation / email)</i>	Dr. Steve Katz, EX, CINMS, Steve.Katz@noaa.gov				
Purpose of the Dive: ROV Shakedown – this was an engineering dive.					

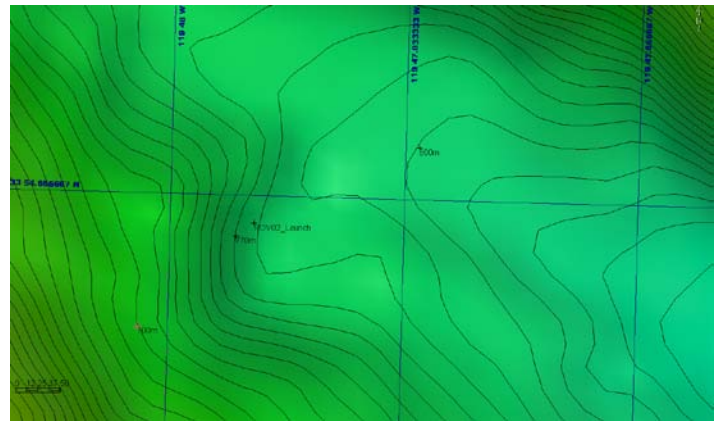
Description of the Dive:

The dive was aborted at 50m depth due to software issues.

Overall Map of ROV Dive Area



Close-up Map of Main Dive Site



Representative Photos of the Dive



EX1102_IMG_20110421T215924Z_ROVHD_SEA_CUCUMBER_BLOWN

Almost no time was spent on bottom as the vehicle was recovered due to software issues. The above is one of two seafloor still frames captured displaying a heavily sedimented bottom. Urchins were commonly seen.



EX1102_IMG_20110421T214856Z_ROVHD_TRANSLUCENT_FISH_2

Most of the dive was spent in the water column descending the seafloor. Close-up examination of creatures was rarely conducted.

Please direct inquiries to:

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