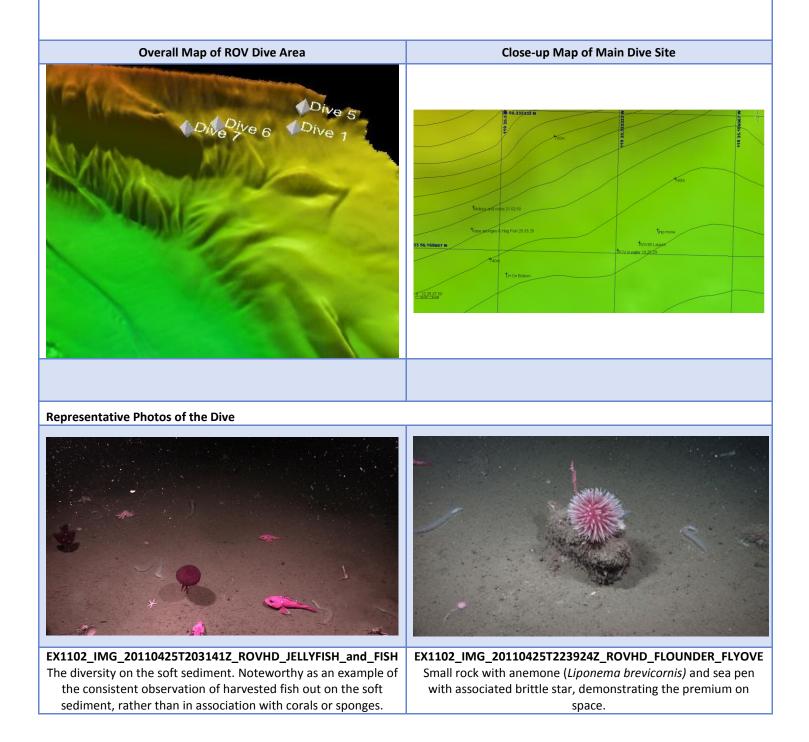
## OKEANOS EXPLORER ROV DIVE FORM

Site Name	TestSite							K	
ROV Lead	Dave Lovalvo					1		ł	Nevada
General Area Descriptor	6 km South of Santa Cruz Island, Channel Islands, CA							alifor	nia
UTC Date & Time	Deployment	4/25	5/201	11	8:24h	雨藏	Okeanos		
	Recovery 4/25/2011 23:24h				3:24h	hered a	Explorer	~ 9 ~	No.
Bottom Time [HH:MM]	3:19					-1-1-A	© 2011 Europ Image USDA Fa Data SIO, NOAA, U. © 201	rm Servi	ce Agency
	UTC Time	ne 19				Depth [၊	] 745		
Landing Time & Location	Latitude	33		⁰	56.139				N
	Longitude	119		⁰		35.489		(	w
	UTC Time			22:37		Depth [m]		~745	
Off Bottom Time & Location	Latitude	33		⁰	~56.139		Í N		N
	Longitude	119		⁰			(	w	
ROV Dive Name	Cruise Season		Leg					Number	
	EX1102		-			ROV05			
Equipment Deployed	ROV:		Little Hercules						
ROV Measurements	Camera Platfom:		🛛 Depth			Seirios			
	Scanning Sonar		USBL Position			Heading			
Nov Weasurements	Pitch		Roll				🔀 HD Camera		
	Low Res Cam 1			Low Res Cam 2					
Equipment Malfunctions	None								
Special Notes	Click here to enter text.								
Scientists Involved (please provide name / location / affiliation / email)	Dr. Steve Katz, EX, CINMS, <u>Steve.Katz@noaa.gov</u>								
Purpose of the Dive: RO	V Shakedown –	this was an engir	neerin	ıg d	ive.				

## Description of the Dive:

This dive was one of the deeper dives on the South Santa Cruz Island escarpment at ca. 750m. The habitat was dominated by soft sediment with occasional small to medium sized rock outcrops. As with other sites, the rock outcrops showed almost complete colonization by benthic invertebrates. In particular, this dive provided numerous images of deep water rock scallops which quite common. Also common were medium sized pitcher sponges, most of which housed associated animals—crabs mostly and one with a hagfish. This dive was also noteworthy for the diversity of deep water sponges that were on the rock outcrops. There were several sponges that have still not been identified, but there were specimens from at least three different Orders: Poecilosclerida, Hexactinosida and Lyssachinosida. This dive also provided some great opportunities to observe pom-pom anemones (*Liponema brevicornis*).



Please direct inquiries to:	NOAA Office of Ocean Exploration & Research 1315 East-West Highway (SSMC3 10 <sup>th</sup> Floor) Silver Spring, MD 20910 (301) 734-1014
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