


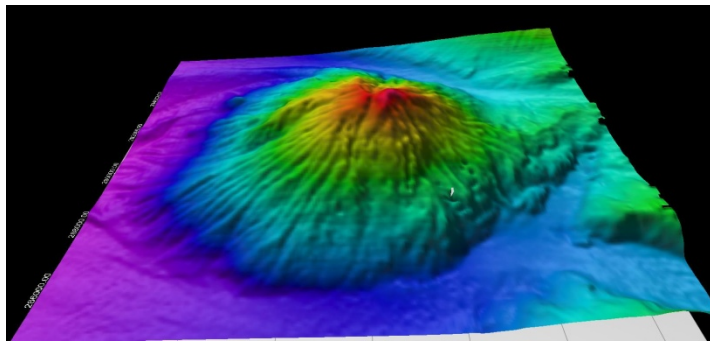
# OKEANOS EXPLORER ROV DIVE FORM

<b>Site Name</b>	Site J						
<b>ROV Lead</b>	Dave Lovalvo						
<b>General Area Descriptor</b>	130 km N of Bitung, Indonesia						
<b>UTC Date &amp; Time</b>	Deployment	7/12/2010 12:11 AM					
	Recovery	7/12/2010 8:03 AM					
<b>Bottom Time [HH:MM]</b>	[5:33]						
<b>Landing Time &amp; Location</b>	UTC Time	01:22			Depth [m]	1170	
	Latitude	2	°	47.480	'	N	
	Longitude	125	°	05.166	'	E	
<b>Off Bottom Time &amp; Location</b>	UTC Time	06:55			Depth [m]	1067	
	Latitude	2	°	37.555	'	N	
	Longitude	125	°	05.344	'	E	
<b>ROV Dive Name</b>	Cruise Season	EX1004		Leg	LEG02	Dive Number	ROV12
	<b>Equipment Deployed</b>	ROV:	Little Hercules				
	Camera Platform:	Phoenix Camera Platform					
<b>ROV Measurements</b>	<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					
<b>Equipment Malfunctions</b>	Click here to enter text.						
<b>Special Notes</b>	Click here to enter text.						
<b>Scientists Involved</b> <i>(please provide name / location / affiliation / email)</i>	David Butterfield/Seattle ECC/PMEL Verena Tunnicliffe/Seattle ECC/UVIC Tim Shank/WHOI/WHOI Santiago Herrera(student)/WHOI/WOI Catriona Munro (student)/WHOI/WOI Elizabeth Silbert (student)/WHOI/WOI Ellie Bors (student)/Seattle ECC/WHOI Jim Holden/Jakarta ECC/UMASS Xerandy – EX Control Room/Indonesia John Sherrin (student) – EX Control Room/U of Victoria						
<b>Purpose of the Dive:</b>	To explore Click here to enter text.						

**Description of the Dive:**

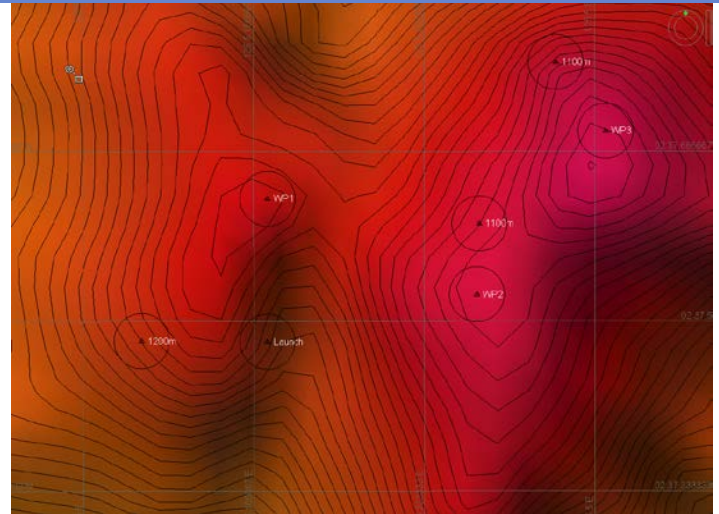
The crew launch the ROV for Dive 12 at 2° 37.480'N 125° 05.18'E around 0815. The target seamount had an east-west trending ridge that rose to a depth of approximately 1100m. The ROV arrived on bottom approximately 100m below the summit. It traversed up a steep slope which was heavily sedimented and had relatively low biomass. We observed sparse assemblages of hexactinellid sponges, corals with brittle stars and various types of crabs, urchins, and fish. Shallower depths closer to the summit were also heavily sedimented and the feature overall resembled some of the other deeper seamounts we had explored on previous dives.

**Overall Map of ROV Dive Area**



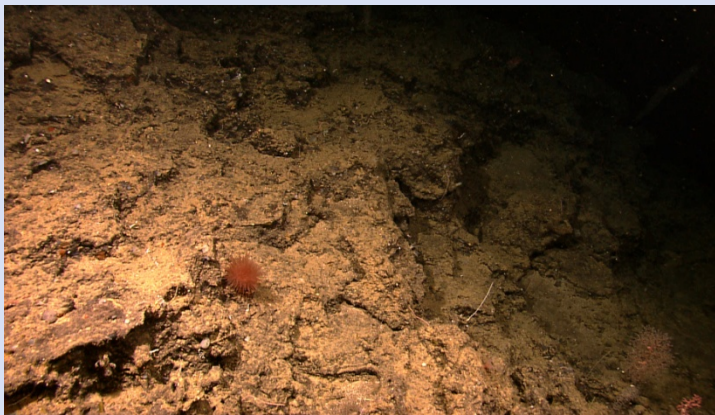
**Overview of "Site J"**

**Close-up Map of Main Dive Site**



**Hypack area map of dive site**

**Representative Photos of the Dive**



20100712\_01h25m12s24\_ROVHD\_BOTTOM\_TYPE.jpg  
The ROV traversed up a steep slope which was heavily sedimented and had relatively low biomass.



20100712\_02h44m50s10\_ROVHD\_BRITTLE\_STAR\_CORAL  
We observed sparse assemblages of hexactinellid sponges, corals with brittle stars and various types of crabs, urchins, and fish. Shallower depths closer to the summit were also heavily sedimented.

**Please direct inquiries to:**

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