



Okeanos Explorer ROV Dive Summary

Dive Information			
Dive Map			
Site Name	South coast of Tutuila Island, Nautilus exploration (250 – 500 m water depth)		
ROV Lead(s)	Karl McLetchie		
Expedition Coordinator(s)/ Mapping Lead	Kelley Elliott / Meme Lobecker		
Science Team Lead(s)	Santiago Herrera (Biology) and Matt Jackson (Geology)		
General Area Descriptor	Samoa region, South coast of Tutuila Island		
ROV Dive Name			
Cruise	EX1702		
Leg			
Dive Number	01		
Equipment Deployed			
ROV	Deep Discoverer (D2)		
Camera Platform	Seirios		
ROV Measurements	<input checked="" type="checkbox"/> CTD	<input checked="" type="checkbox"/> LSS	<input checked="" type="checkbox"/> ORP
	<input checked="" type="checkbox"/> Scanning Sonar	<input checked="" type="checkbox"/> Depth	<input checked="" type="checkbox"/> Altitude
	<input checked="" type="checkbox"/> Pitch	<input checked="" type="checkbox"/> USBL Position	<input checked="" type="checkbox"/> Heading
	<input checked="" type="checkbox"/> Roll	<input checked="" type="checkbox"/> HD Camera 1	<input checked="" type="checkbox"/> HD Camera 2

	<p>characterize mid-water communities and possible vertical migration of nautilus. 2-3 biological samples will be collected along this transect.</p>
<p>Description of the Dive</p>	<p>NA. The ROV achieved a depth of ~500 m and had to surface, due to the leak in the oil compensation system. The dive was cancelled and did not reach bottom.</p>
<p>Overall Map of the ROV Dive Area</p>	<p>Close-up Map of Main Dive Site</p>
<p>NA. The dive was cancelled.</p>	<p>NA. The dive was cancelled.</p>
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<p>Representative Photos of the Dive</p>	





EX1702_IMG_20170217T005308Z_ROVHD.jpg



EX1702_IMG_20170217T011810Z_CPHD.jpg

[Descriptive caption here]

[Descriptive caption here]

Samples Collected

Sample

Sample ID		[in situ image of specimen here]
Date (UTC)		
Time (UTC)		
Depth (m)		
Temperature (°C)		
Field ID(s)		
Comments		

Sample

Sample ID		[in situ image of specimen here]
Date (UTC)		
Time (UTC)		
Depth (m)		
Temperature (°C)		
Field ID(s)		
Comments		

Sample

Sample ID		[in situ image of specimen here]
Date (UTC)		
Time (UTC)		
Depth (m)		



Temperature (° C)			
Field ID(s)			
Comments			
Sample			
Sample ID		<i>[in situ image of specimen here]</i>	
Date (UTC)			
Time (UTC)			
Depth (m)			
Temperature (° C)			
Field ID(s)			
Comments			

Please direct inquiries to:

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