OKEANOS EXPLORER ROV DIVE SUMMARY

Site Name	Barbers Point Pinnacles				A	10
ROV Lead/Expedition Coordinator	Karl Mcletchie/	7				
Science Team Leads	Scott France and Mackenzie Gerringer			1	O'ahu • Waipahu Hanolulu	1
General Area Descriptor	Johnston Atoll Pacific Remote Islands Marine National Monument					
ROV Dive Name	Cruise Season		Leg		Dive Number	
	EX1504	4			DIVE01	
Equipment Deployed	ROV:		Deep Discoverer			
	Camera Platform: Seirios					
	\square D2 CTD		Depth		Altitude	
	Scanning Sonar		USBL Position		Heading	
ROV Measurements	☑ Pitch☑ HD Camera 2		$\square Roll \square$ $\square ROV HD 2$		HD Camera 1	
	Temperature Probe				Seirios CTD	
Equipment Malfunctions	Temperature Probe D2 D0 Sensor Seirios D0 sensor VSAT continues to underperform Image: Seirios D0 sensor Image: Seirios D0 sensor					
ROV Dive Summary (From processed ROV data)	Dive Summary: EX1504L4_DIVE01 MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA					
Special Notes						
Scientists Involved (please provide name / location / affiliation / email)	Name	Institution		Email Add	ress	
	Asako Matsumoto	University o	f Tokyo	okyo amatsu@gorgonian.jp		-
	Chris Kelley	University o	f Hawaii	ckelley@hawaii.edu		
	Frank Parrish	NMFS, PRE DSCRTP) &	frank.parrish@noaa.gov		
	Mackenzie Garringer	University o	f Hawaii	mgerring@	hawaii.edu	
	Rachael Bassett	NOAA			ett@noaa.gov	-

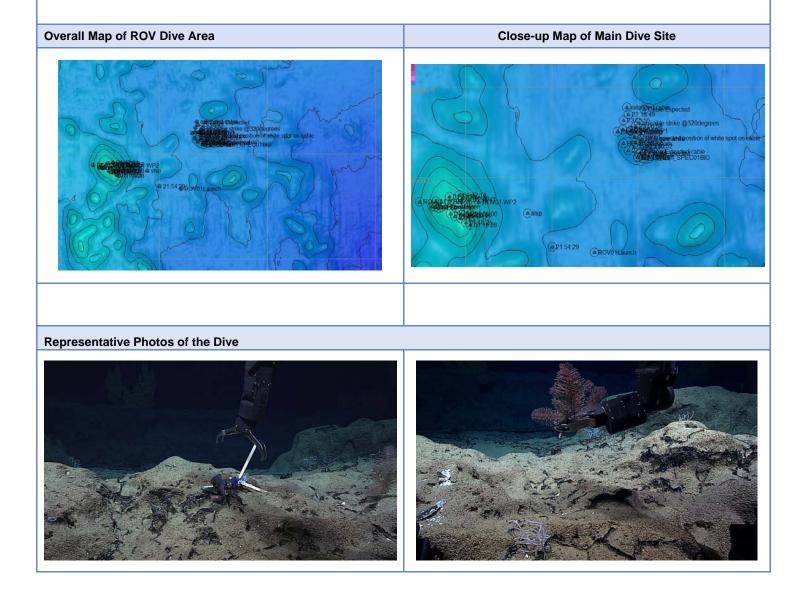
	Scott France	University of Louisiana at Lafayette	france@louisiana.edu	
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Purpose of the Dive

- 1) Recover two current meters
- 2) Sample specific black coral observed on a previous HURL dive.

Description of the Dive:

The dive explored an area of known gold corals with the primary objective of recovering two current meters deployed in earlier years. The first current meter to be recovered was in an area with a cable running just above bottom. The ROV was deployed such that it would not have to cross the cable. The cable was located and from there the current meter was found on a raised area nearby to the west, and recovered. Several gold coral and black coral colonies were observed. A collection of one of the morphotypes of black coral was requested to ascertain the identification, which was thought from previous imagery to represent a possible undescribed species. Other interesting observations included a large playctenid ctenphore, a jellynose eel (Ateleopodid), a shark, a cluster of *Heteralepas* barnacles on a large gold coral with 2 eels swimming around the colony. The second current meter was found just as the ROV was preparing to come to the surface; it too was recovered.



Samples Collected				
Campies Conceleu				
Sample ID	EX1504L4_20150913T001140_D2_DIVE0 1_SPEC01BIO			
Date (UTC)	20150913			
Time (UTC)	001140		Co the state	
Depth (m)	359.31		A CONTRACT OF A	
Temperature (°C)	8.5			
Field ID(s)	Telopathes			
Comments	Base of colony, upper part of colony lost			
Please direct inquiries to: NOAA Office of Ocean E 1315 East-West Highway Silver Spring, MD 20910 (301) 734-1014		Silver Spring, MD 20910	xploration & Research / (SSMC3 10 th Floor)	