

# Activity Summary

CrsID

EstAbyss2004

CrsProjID

PRJ0020

## Deep Flats

8/26/2004

*From the Estuary to the Abyss: Exploring along the Latitude 31 30  
Transect*

### Overview of Human Occupied Vehicle Dive 3467 (EstAbyss2004\_ACT0008) at Deep Flats

Activity Vitals			Participants		Overall Dive Site Ratings	
<b>Dates/Times/Depth</b>	<b>Bndg Coordinates</b>	<b>System(s)</b>	Byron White, Forward Observer		1 = low; 10 = high	
<b>Start</b> 8/26/2004 16:03:00	<b>North</b> 31.8241	Johnson-Sea-Link II	Cara Fiore, Aft Observer		Uniqueness	<b>5</b>
<b>End</b> 8/26/2004 19:30:00	<b>South</b> 31.8241		Tim Askew, Jr., Pilot		Health	<b>4</b>
<b>Time zone</b> EDT <b>UTC</b> -04	<b>East</b> -77.5248	<b>Data Collected</b>	Alan Fuller, Aft Technician		Disturbance	<b>1</b>
<b>MaxDepth (m):</b> -905.0	<b>West</b> -77.5248	Samples	Katrina Bryan		Biodiversity	<b>4</b>
		Multimedia	Byron White		Relief Variation (meters):	<b>5</b>
		Data	Byron White, Forward Observer			

### Objectives

Dive 3467: To record transect lines and collect fishes, invertebrates, sediment samples and rocks.

### Dive Track Description

Most of the dive was spent on flat hard bottom covered with a thin dead coral/sediment veneer. Spent dive trying to make headway to a large cliff wall (>150), but changing currents prevented arrival. Found some small protruding rocks at the end of the dive of approx. 3-5 m relief.

Living Habitat Structure		Sediments		Geomorphology		Anthropogenics
Type	% Cover	Type	% Cover	Type	% Cover	Type/Description
Sponges	2	Other		rock outcrops	5	Garbage
Dead Coral w/ encrusting	2			low-relief hard bottom	40	1 aluminum can
Other	96			oculina rubble	45	
				sand	10	

### Living Marine Resources Abundance

None (0) Single (1) Few (2-10) Many (11-100) Abundant (>100)

Pelagic Fish		Other Benthic		Observations and Comments on Living Marine Resources:	
Bottom Fish	Many	Nothing recorded.		No other comments.	
Crustacean	Few			Unique or Rare Invertebrates	Unique or Rare Vertebrates
Mollusk	None			Nothing recorded.	Slodenia shaefersi
Echinoderm	Many				

### Fish Observation and Abundance

None (0) Single (1) Few (2-10) Many (11-100) Abundant (>100)

cutthroat eels-many, Etmopterid shark-few, Marlin spike-few, Granadier-few, Unid shark-single, Slodenia schaeferi-single, hogfish-few

### Other Comments/Notes

NOAA Office of Ocean Exploration



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