

Activity Summary

CrsID

LifeEdge2005

CrsProjID

OE_2005_083

Jacksonville Banks

11/1/2005

**Continental Slope Coral Banks of the Southeastern United States:
Exploring the distributions. e**

Overview of Human Occupied Vehicle Dive JSL1-2005-4907 (LifeEdge2005_ACT0086) at Jacksonville Banks

Activity Vitals			Participants		Overall Dive Site Ratings
Dates/Times/Depth	Bndg Coordinates	System(s)	Murray Roberts, Forward Observer		<i>1 = low; 10 = high</i>
Start 11/1/2005 8:01:00	North 30.7923	Johnson-Sea-Link I	Tara Casazza, Aft Observer		Uniqueness
End 11/1/2005 11:04:00	South 30.8101	Suction Sampler			Health
Time zone EDT UTC -04	East -79.6402	Data Collected			Disturbance
MaxDepth (m): -534.3	West -79.6423	Samples Multimedia Data			Biodiversity
					Relief Variation (meters):

Objectives

Explore an area suspected of supporting deep coral communities; collect coral specimens for genetic analyses; collect fishes and invertebrates for Conduct video transects and collect coral specimens, fishes and invertebrates for genetic and stable isotope analyses.

Dive Track Description

Dive began on a slope covered with coral rubble and patches of sediment. Epifauna, notably Gorgonians, were common. The dive then proceeded up-slope toward the target position identified as the summit of a ridge. During transit to this position, several faunal collections were made, and close-up video and digital images were recorded. An are with high cover of exposed hard-ground (lithified coral debris and sediment) was examined and hardground samples taken. Bamboo corals were abundant. Sclerectinians observed were Lophelia and Enallopsammia.

Living Habitat Structure

Type	% Cover
Sponges	
Stony Corals	
Octocorals	

Sediments

Type	% Cover
Coral Rubble	

Geomorphology

Type	% Cover
mounds	
ridges	

Anthropogenics

Type/Description
Nothing recorded.

Living Marine Resources Abundance

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

Pelagic Fish	Other Benthic
Bottom Fish	Nothing recorded.
Crustacean	
Mollusk	
Echinoderm	

Observations and Comments on Living Marine Resources:

No other comments.

Unique or Rare Invertebrates	Unique or Rare Vertebrates
Nothing recorded.	Nothing recorded.

Fish Observation and Abundance

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

Nothing recorded.

Other Comments/Notes

NOAA Office of Ocean Exploration



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