

Activity Summary

Cruise **biolum2009**

Project **Bioluminescence 2009**

Little Bahama Bank Lithoherm

2009/07/21 11:25:00 EDT - 2009/07/21 14:05:00 EDT

Bioluminescence in the Deep-Sea Benthos

JSL2-3681

Activity Vitals

Dates/Times/Depth	Bndg Coordinates
Start 2009/07/21 11:25:00	North 27 10 N
End 2009/07/21 14:05:00	South 27 00 N
Time zone EDT	East 79 19 W
MaxDepth (m) 2010	West 79 20 W
Operating Depth Range (m) 1800-2010	

System(s)
Johnson Sea Link II

Data Collected
Multimedia

Participants

Edie Widder, Forward Observer
Erika Raymond, Aft Observer
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,

Overall Dive Site Ratings

1=low, 10=high

Uniqueness	No rating
Health	No rating
Disturbance	No rating
Biodiversity	No rating
Relief Variation (m)	

Objectives

Deploy EITS

Using SIT camera, investigate for Biolum. reactions of benthic organisms.

Dive Track Description

Dive started at base of lithoherm. EITS deployed. Moved up lithoherm. Clear zonation pattern. Stalked crinoids in rows. Endoxicrinus maclearanus, Endoxicrinus prionodes. On top of lithoherm and along steep south end-a rich field of golden coral fans (Gerardia). Understory of little yellow feather stars (Primnoids). Basket Star, small clumps of lophelia at base of Gerardia trees. At end of dive collected dead gerardia tree w/ many encrustateans.

Biological Comments

No biological comment recorded.

Geological Comments

No geological comment recorded.

Living Habitat Structure

Type	% Cover
Nothing recorded	

Sediments

Type	% Cover
Nothing recorded	

Geomorphology

Type	% Cover
Nothing recorded	

Anthropogenics

Type/Description
Nothing recorded

Living Marine Resources Abundance

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

Nothing recorded

Observations and Comments on Living Marine Resources

No other comments.

Unique or Rare Invertebrates

Nothing recorded.

Unique or Rare Vertebrates

Nothing recorded.

Fish Observation and Abundance

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

Nothing recorded

Other Comments/Notes

No additional comments.