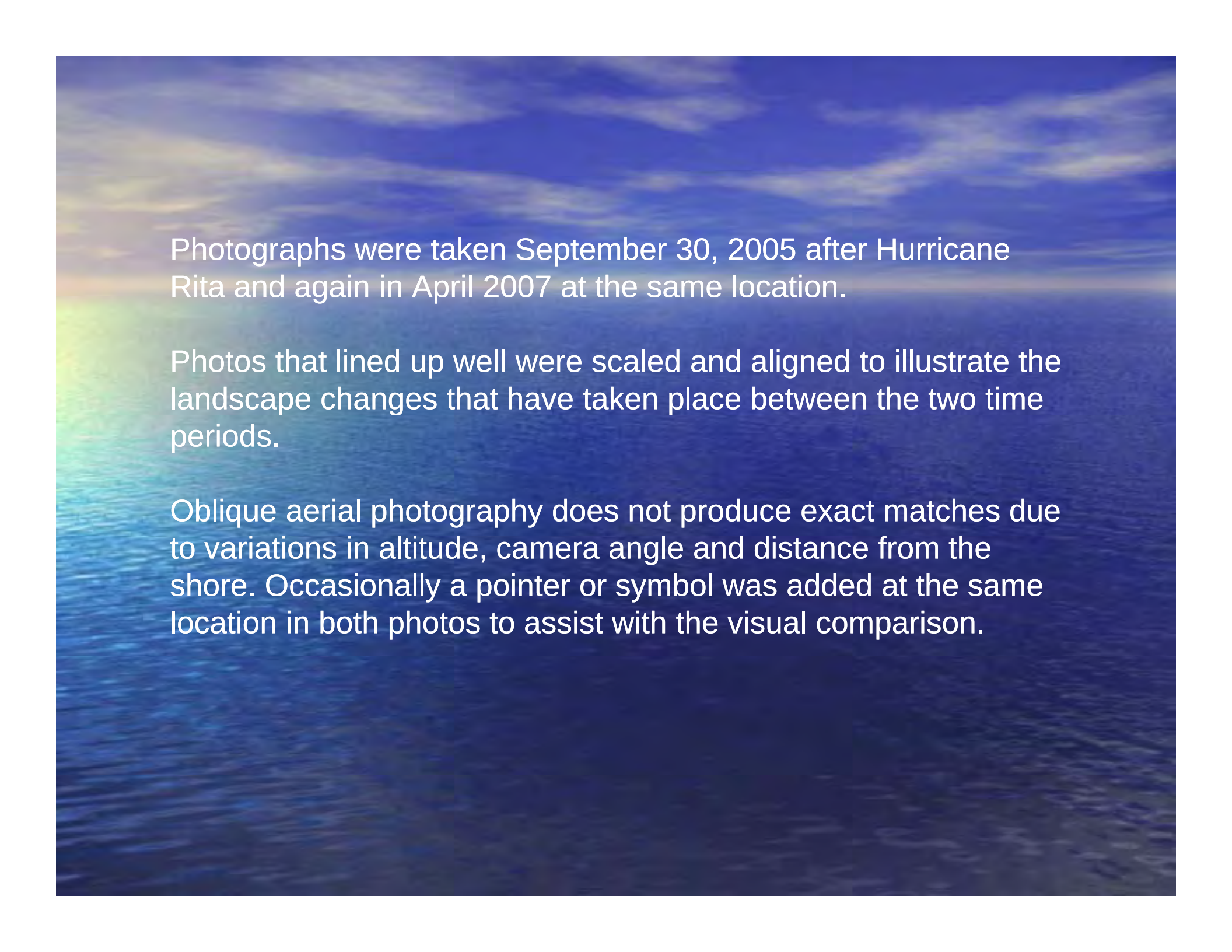


# 2005 - 2006 Comparison Photo Pairs for the Isles Dernieres of the Teche Delta

Aerial Video Survey Program  
Pontchartrain Institute for Environmental Sciences  
University of New Orleans





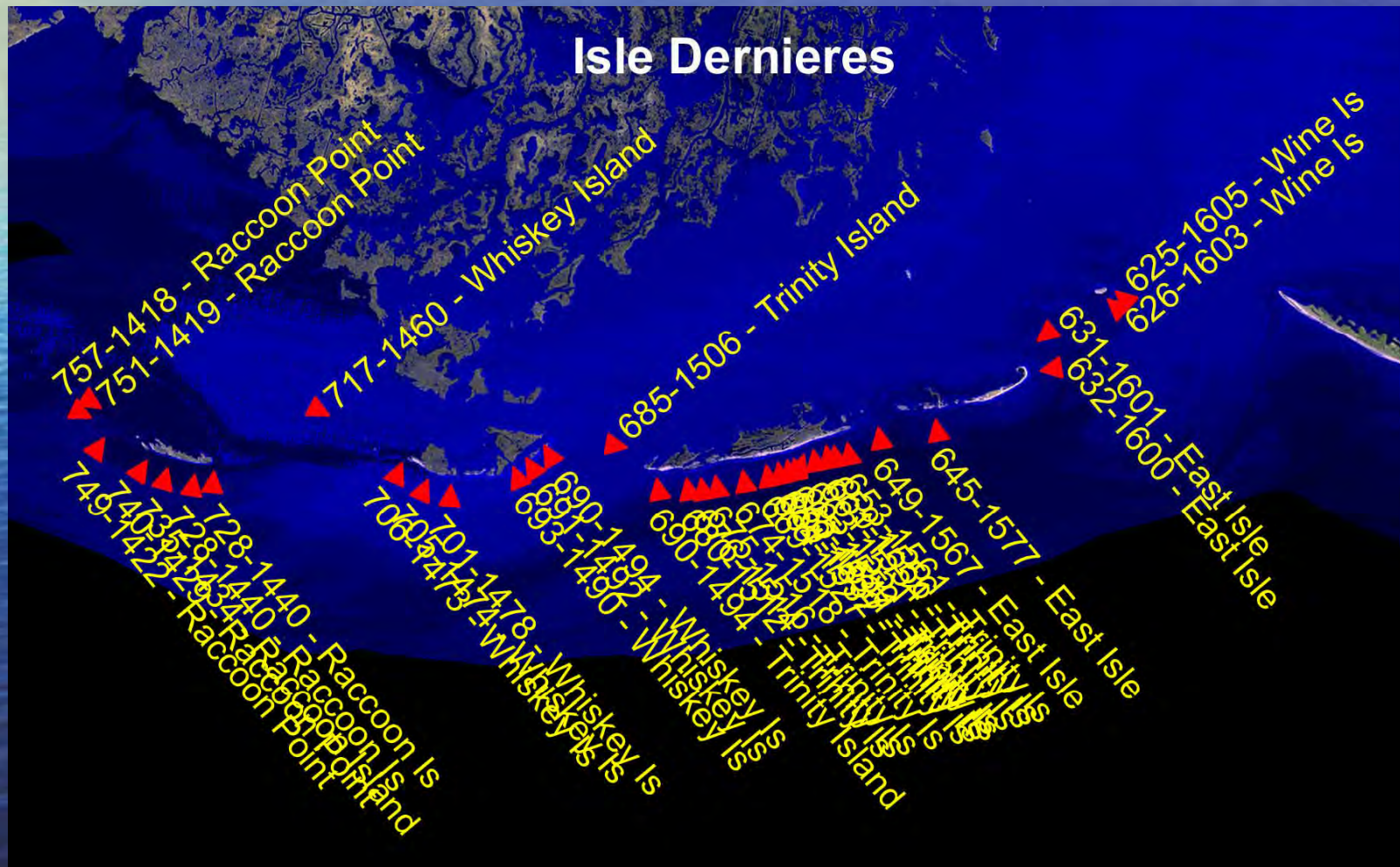
Photographs were taken September 30, 2005 after Hurricane Rita and again in April 2007 at the same location.

Photos that lined up well were scaled and aligned to illustrate the landscape changes that have taken place between the two time periods.

Oblique aerial photography does not produce exact matches due to variations in altitude, camera angle and distance from the shore. Occasionally a pointer or symbol was added at the same location in both photos to assist with the visual comparison.



The location of each pair in the following slideshow is indicated on the map by a red triangle. The slideshow begins at the left of this diagram and proceeds east.





West end of  
Raccoon Island:  
(View to the southeast)

BICM segment #33  
"Raccoon Island"



Raccoon Pt: Isles Dernieres - 29°04'30" / 90°58'03" View to the southeast (120°)

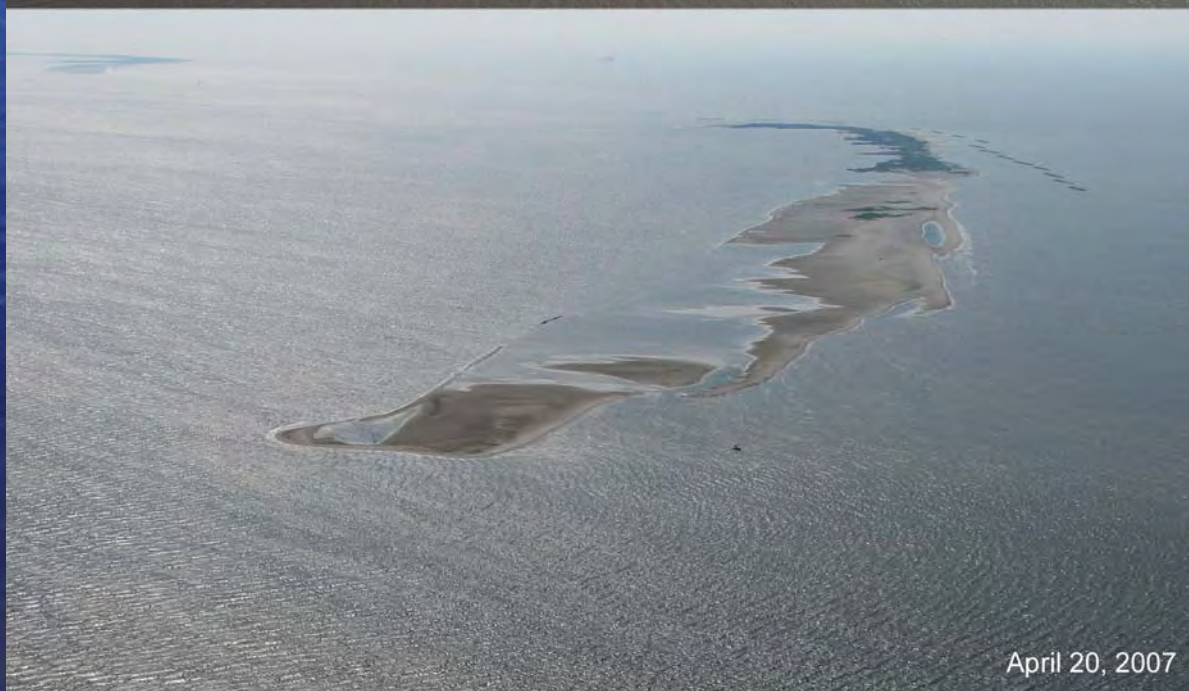


West end of  
Raccoon Island  
(View to the southwest)

BICM segment #33  
"Raccoon Island"



September 30, 2005



April 20, 2007

Raccoon Pt: Isles Dernieres -  $29^{\circ}04'16''$  /  $90^{\circ}58'12''$  View to the southeast ( $119^{\circ}$ )

West end of  
Raccoon Island  
(View to the NNE)

Red triangle marks  
same structure in both  
time periods

BICM segment #33  
"Raccoon Island"



September 30, 2005



April 20, 2007

Raccoon Pt: Isles Dernieres - 29°03'42" / 90°58'04" View to the NNE (37°)



# Raccoon Island (View to the north)

BICM segment #33  
"Raccoon Island"



September 30, 2005



April 20, 2007

Raccoon Island: Isles Dernieres - 29°03'07" / 90°56'12" View to the N (22°)

# Raccoon Island

(View to the north)

BICM segment #33  
"Raccoon Island"



September 30, 2005



April 20, 2007

Raccoon Island: Isles Dernieres - 29°02'52" / 90°55'41" View to the N (22°)



# Raccoon Island (View to the north)

BICM segment #33  
"Raccoon Island"



September 30, 2005



April 20, 2007

Raccoon Island: Isles Dernieres - 29°02'40" / 90°55'12" View to the N (14°)



East end of  
Raccoon Island  
(View to the north)

BICM segment #33  
"Raccoon Island"



September 30, 2005



April 20, 2007

Raccoon Island: Isles Dernieres - 29°02'44" / 90°55'18" View to the N (5°)



West end of  
Whiskey Island  
(View to the east)

BICM segment #34  
"Whiskey Island"



September 30, 2005



April 20, 2007

Whiskey Island: Isles Dernieres - 29°03'27" / 90°52'50" View to the E (97°)



Whiskey  
Island  
(View to the NNE)

BICM segment #34  
"Whiskey Island"



September 30, 2005



April 20, 2007

Whiskey Island: Isles Dernieres - 29°02'42" / 90°50'37" View to the NNE (27°)



# Whiskey Island (View to the north)

BICM segment #34  
"Whiskey Island"



September 30, 2005



April 20, 2007

Whiskey Island: Isles Dernieres - 29°02'35" / 90°50'08" View to the N (7°)



# Whiskey Island (View to the northwest)

BICM segment #34  
"Whiskey Island"



September 30, 2005



April 20, 2007

Whiskey Island: Isles Dernieres - 29°02'45" / 90°48'43" View to the NW (328°)



# Whiskey Island (View to the northwest)

BICM segment #34  
"Whiskey Island"



September 30, 2005



April 20, 2007

Whiskey Island: Isles Dernieres - 29°02'55" / 90°48'29" View to the NW (320°)



# Whiskey Island

(View to the northwest)

BICM segment #34  
"Whiskey Island"



September 30, 2005



April 20, 2007

Whiskey Island: Isles Dernieres - 29°03'02" / 90°48'18" View to the NW (320°)

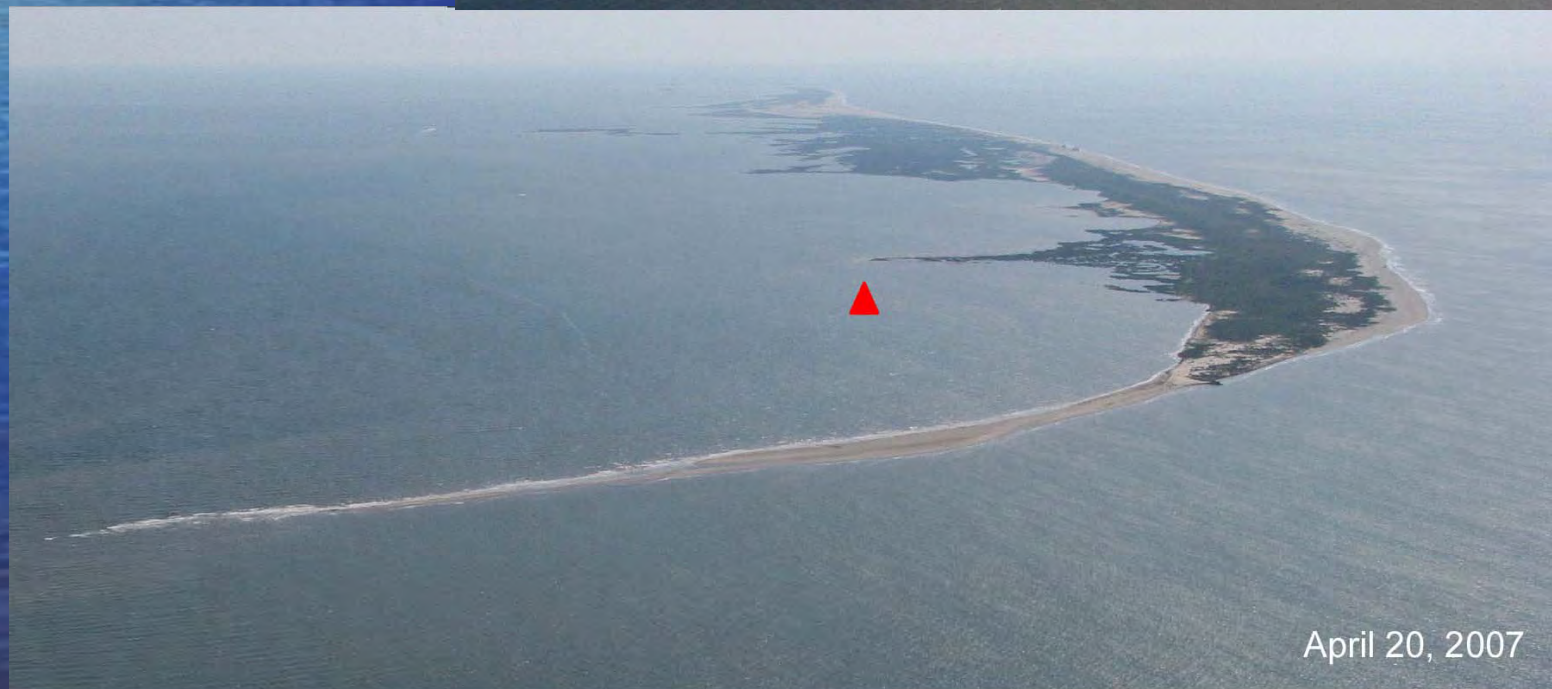


West end of  
Trinity Island  
(View to the east)

BICM segment #35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'46" / 90°47'00" View to the E (55°)



West  
end of  
Trinity  
Island  
(View to the  
NNW)



September 30, 2005

BICM segment  
#35  
"Trinity Island"



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'25" / 90°45'49" View to the NNW (340°)



# Trinity Island (View to the NNW)

BICM segment #35  
"Trinity Island"



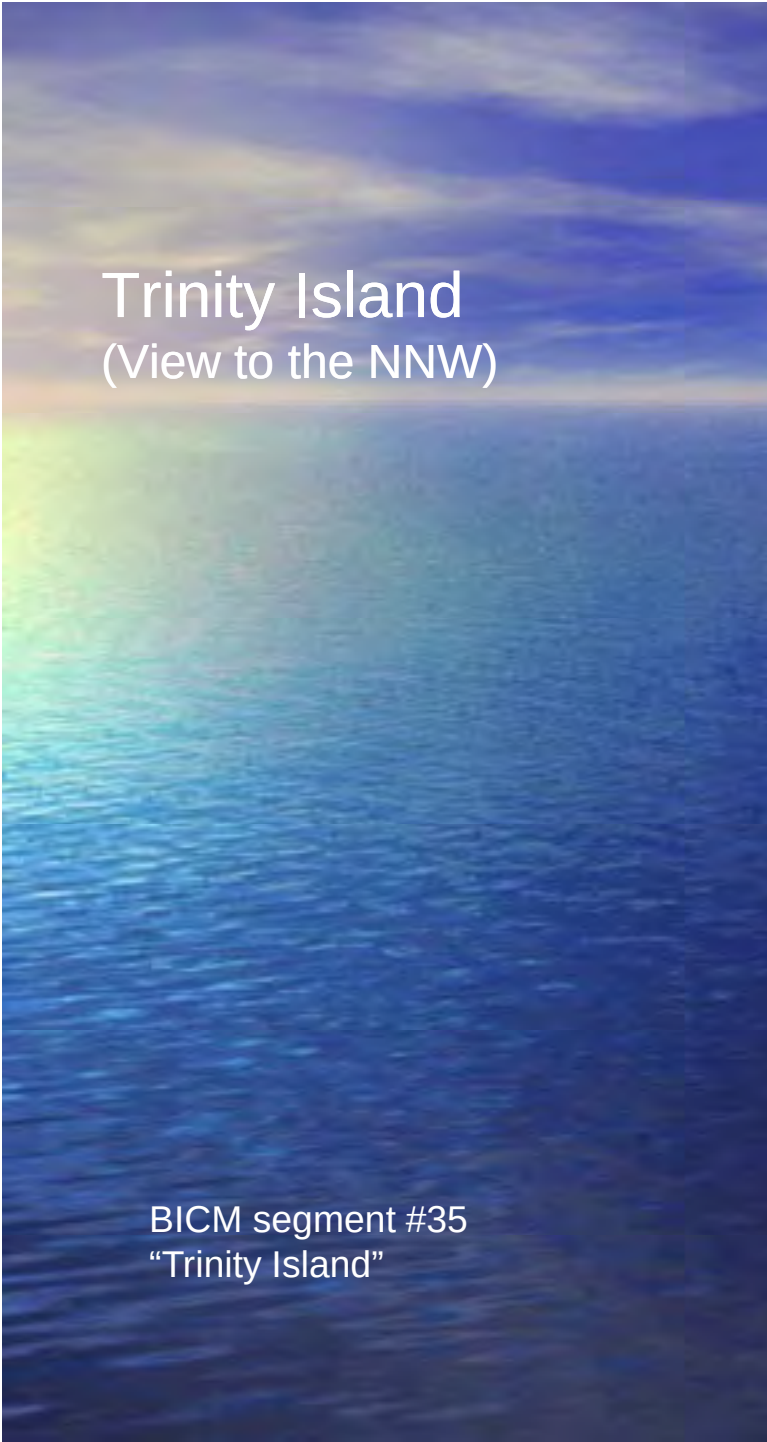
September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'34" / 90°45'16" View to the NNW (347°)





# Trinity Island

(View to the NNW)

BICM segment #35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'37" / 90°45'07" View to the NNW (338°)





## Trinity Island (View to the north)

BICM segment #35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'39" / 90°44'55" View to the N (357°)



Trinity Island  
(View to the North)

BICM segment #35  
"Trinity Island"



Trinity Island: Isles Dernieres - 29°02'45" / 90°44'05" View to the N (347°)



# Trinity Island House

BICM segment  
#35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'49" / 90°43'15" View to the N (20°)



Trinity  
Island  
houses

BICM segment  
#35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'46" / 90°43'28" View to the N (346°)



# Trinity Island houses (View to the north)

These houses were  
originally on an interior  
canal

BICM segment #35  
"Trinity Island"



Trinity Island: Isles Dernieres - 29°02'46" / 90°43'32" View to the N (348°)



Trinity Island:  
former Trinity  
Bayou area

BICM segment #35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'48" / 90°43'19" View to the N (351°)





## Trinity Island “Madonna”

BICM segment #35  
“Trinity Island”



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'49" / 90°43'05" View to the N (355°)



# Trinity Island

BICM segment #35  
"Trinity Island"



September 30, 2005



April 20, 2007

Trinity Island: Isles Dernieres - 29°02'53" / 90°42'47" View to the N (343°)



West  
end of  
Trinity  
Island



September 30, 2005



April 20, 2007

BICM segment  
#35  
"Trinity Island"

Trinity Island: Isles Dernieres -  $29^{\circ}02'49''$  /  $90^{\circ}43'05''$  View to the N ( $355^{\circ}$ )



East Isle:  
west  
washover

Red triangle  
marks  
same feature  
in both  
time periods

BICM segment  
#36  
"East Island"



September 30, 2005



April 20, 2007

East Isle: Isles Dernieres - 29°03'13" / 90°41'13" View to the N (0°)



# East Isle

BICM segment #36  
"East Island"



September 30, 2005



April 20, 2007

East Isle: Isles Dernieres - 29°03'31" / 90°40'05" View to the N (342°)



East end of  
East Isle  
(view is to the  
west)

BICM segment #36  
"East Island"



September 30, 2005



April 20, 2007

East Isle: Isles Dernieres - 29°04'22" / 90°37'54" View to the W (270°)



East end of  
East Isle  
(view is to the  
west)



September 30, 2005

BICM segment #36  
"East Island"



April 20, 2007

East Isle: Isles Dernieres -  $29^{\circ}04'27''$  /  $90^{\circ}37'57''$  View to the W ( $240^{\circ}$ )



# Wine Island

(view is to the  
northwest)

the red bracket  
emphasizes  
the difference  
in the amount  
of open water  
within the rock  
enclosure

BICM segment #36  
"East Island"



Wine Island: Isles Dernieres - 29°05'18" / 90°36'46" View to the NW (319°)



Wine  
Island  
(view is to the  
northwest)



September 30, 2005

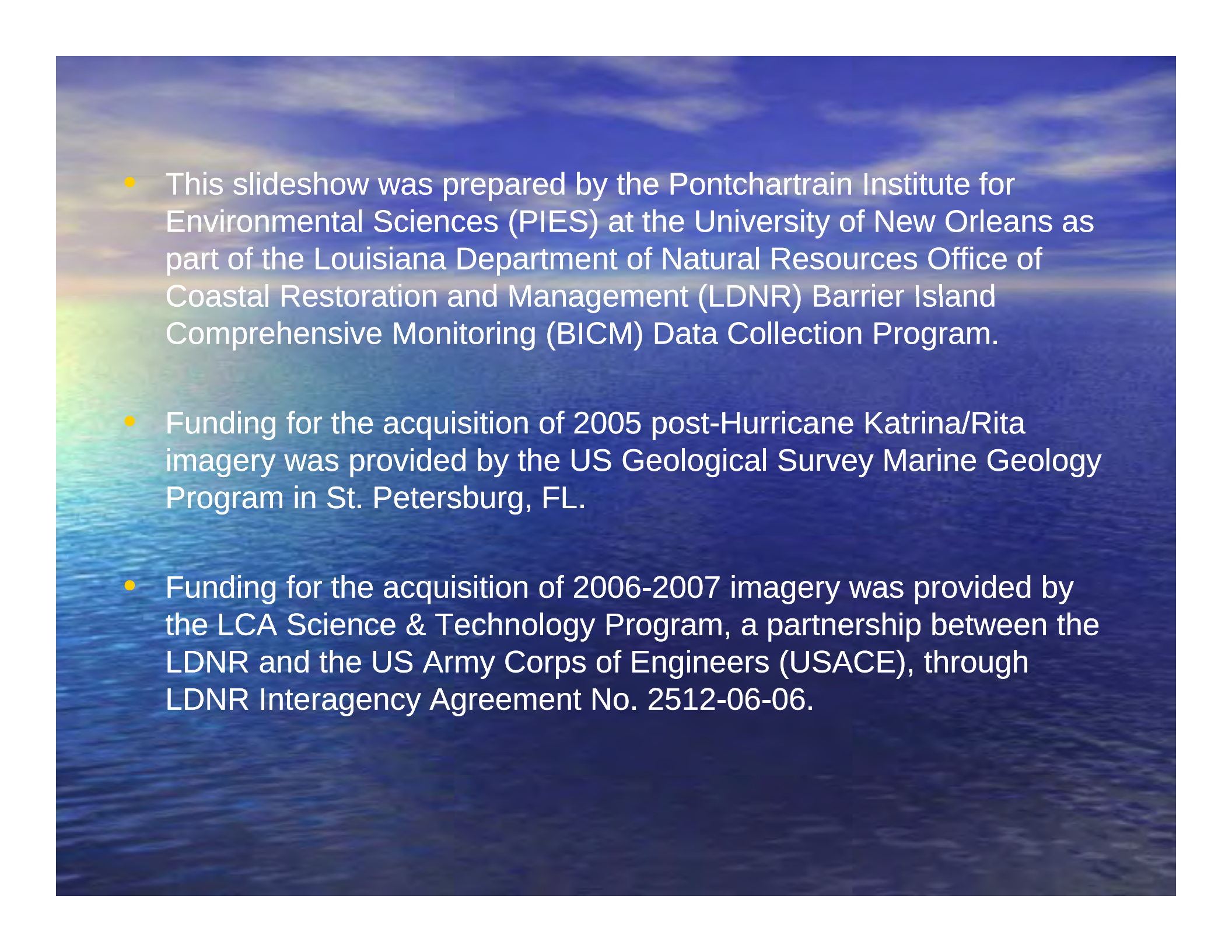


April 20, 2007

BICM segment #36  
"East Island"

Wine Island: Isles Dernieres -  $29^{\circ}05'20''$  /  $90^{\circ}36'43''$  View to the NW ( $321^{\circ}$ )



- 
- This slideshow was prepared by the Pontchartrain Institute for Environmental Sciences (PIES) at the University of New Orleans as part of the Louisiana Department of Natural Resources Office of Coastal Restoration and Management (LDNR) Barrier Island Comprehensive Monitoring (BICM) Data Collection Program.
  - Funding for the acquisition of 2005 post-Hurricane Katrina/Rita imagery was provided by the US Geological Survey Marine Geology Program in St. Petersburg, FL.
  - Funding for the acquisition of 2006-2007 imagery was provided by the LCA Science & Technology Program, a partnership between the LDNR and the US Army Corps of Engineers (USACE), through LDNR Interagency Agreement No. 2512-06-06.