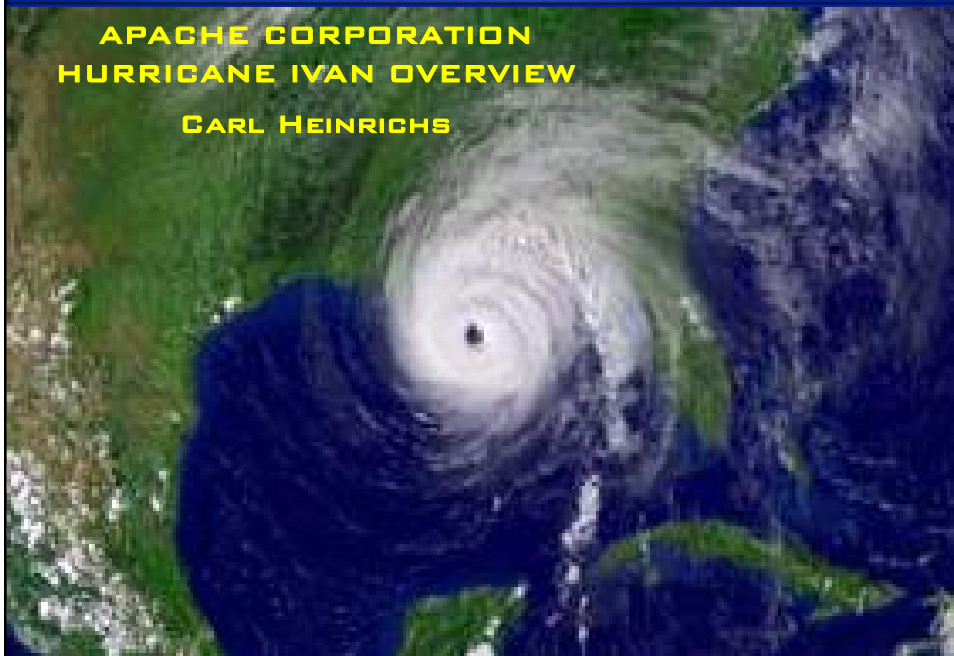
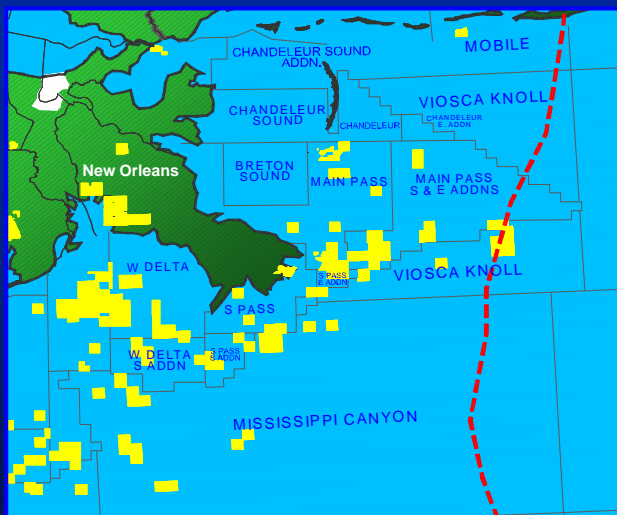


APACHE CORPORATION HURRICANE IVAN OVERVIEW

CARL HEINRICHS



Hurricane Ivan Storm Path



■ Apache Properties

..... Storm Track

Hurricane Ivan Topside Damage



- Major Process Reconstruction
 - South Pass 62 A/B/C/D Platforms
 - Main Pass 290 A/B Platforms
 - Main Pass 296 B/C/D Platforms
 - Main Pass 311 A/B Platforms
- Moderate Process Reconstruction
 - Main Pass 275 A
 - Main Pass 310 A



Hurricane Ivan Pipeline Damage / Repair



- Main Pass 275 A – Pipeline Displaced / New Pipeline Installed
- Main Pass 151 A – Oil & Gas Pipeline Displaced / Abandoning Field
- Mississippi Canyon 148 A – Parted 3” Riser / Repaired
- Main Pass 290 A – Parted 6” Riser / Repaired



Hurricane Ivan Structural Damage



- Main Pass 290 A
 - Jacket damaged by falling wreckage.
 - Hyperbaric Weld Repair Required (-218')
- South Pass 62 A/B/C
 - Local Buckles in Thin Wall Jacket Leg Section
 - Sec. 17 Reassessment Model Indicates No Repair Necessary
- MP 289 B / MP 296 B / MP 311 B – Redundant Member Removals
- Main Pass 289 B – Damaged Well Conductors (Plugging Wells)
- Main Pass 296 A – Failed Conductor Bay (Removing Structure)

Hurricane Ivan Repair Cost Estimates



Estimated Offshore Construction Man-Hours	700,000
Estimated Final Gross Cost	\$94,000,000



Ivan – It Could Have Been Worse.....



- No Apache Personnel Were Directly Injured by the Storm.
- Ivan Moved Through a Lower Producing Area for Apache.
- Resources Were Available for Quick Response.
- Apache Suffered Minimal Pipeline Damage.
- Our Structural Fleet Survived the Storm Reasonably Well.



QUESTIONS OR COMMENTS?

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