

# Hurricanes Rita and Katrina Update – MMS

Presentation at Deepwater Operations Forum

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# Significant Offshore Damage from 2 Hurricanes

- 111 platforms destroyed
  - - 65 from Rita- 32 more with ext. damage
  - - 46 from Katrina – 20 ext. damage
  - -(7 from Ivan- 20 w/ext.damage)
- 19 rigs adrift
  - -13 from Rita
  - -6 from Katrina (5 from Ivan)

# Other Damage

- Rigs extensive damage
  - - Rita- 7 jackups ; 2 semi; 0 platform
  - - Katrina- 2 jackups; 5 semi; 2 platform
- Rigs destroyed
  - - Rita- 1 jackup
  - - Katrina- 3 platforms, 1 jackup

# Pipeline Damage

- Back to back hurricanes have caused delay in assessment
- Many unknowns still (large production shut in)
- To date– 44 pipelines damaged ( 23 Rita)

# Production Shut –In

- Large amount of production remains shut-in
- Wednesday Oct. 5 numbers were 86.6 percent of the oil and 68.9 percent of the natural gas

# MMS DAMAGE

- Hurricane Katrina – Main building in New Orleans (1201) Elmwood was damaged and 600 employees displaced. Also N.O. District Office was closed
- Hurricane Rita – MMS District Office in Lake Charles was damaged.

# Return of MMS

- N.O. District is open
- 150 employees planned for ABS Building, in Houston 16855 Northchase Dr.
- - office is functional- 90 employees have arrived
- - operations people /pipelines/ structures/plans
- - environmental review
- - unitization/SOO/SOP
- - bonding/OSFR

# Return – continued

- About 400 employees will return to 1201 Elmwood and area October 28 to resume operations
- So by October 28 almost all of Gulf Region will be back somewhere
- Who will remain in Houston—Regional Director, Operations (heavy), PD ( heavy)
- Lk. Charles District handled out of Lafayette



# MMS - NTL's Issued

- NTL 2005-G12 issued announcing continuation of operations– who to call, what e-mail to send to
- NTL 2005-G17 on District operations
- NTL 2005-G16 on damage assessment for hurricane Katrina

# MMS Approvals During Hurricane Recovery- as of October 5

- 49 approvals to flare gas have been granted
- 36 pipeline repair, change of service, re-routings etc. have been granted
- 37 new surface commingling of production approvals have been granted