IADC Jack-up Committee
Gulf of Mexico Annex

MEETING OBJECTIVES

• Committee Authorization – Continue Committee
• Metocean Criteria
• Survival Criteria
• Expand Committee Work Scope to TRS Areas
• Other Business
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Metocean Criteria

- Effect of Revisions in 2 Met
  - Our Methodology for Metocean Selection Valid
  - Jack-ups - Wind dominated
  - Sudden Hurricane Equiv to 25-year FPH (past 10-year)
  - Airgap Based on 1,000 year wave (Approx 100-year wave increased 15%)

- Wind Velocity Check – Evacuation
  - Wind Velocity for Helicopter Operations
  - Regional Requirements
    - N Sea $V_{op} = 60$ knots
    - GoM $V_{op} = ?$
Survival Criteria

• Stakeholders
  • Marine Warranty Surveyors
  • Operators
  • Drilling Contractors

• Survival Criteria Conditions
  • Rig Not Demanned
  • Minimum Requirement defined by Warranty Surveyors
  • Rig Owner Criteria
  • Safety of Life
  • Rig Survival

• Is a Survival Criteria Possible?
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Hurricane Response of Jack-ups in Recent Gulf of Mexico Storms

Exposure Plots by Hurricane for Independent Leg Jack-ups

ExxonMobil
Taking on the world's toughest energy challenges

Lewis Engineering Group
MatthewsDaniel
Hurricane Response of Jack-ups in Recent Gulf of Mexico Storms

Exposure Plots Market Similar Jack-ups

LeTourneau 53, 64, 84, & 116 Class
Expand Committee’s Mission to TRS Area

• Annex Philosophy Applicable to Other TRS Areas
• Application to Other Areas
  • Define Philosophy & Approach Method
• Develop Regional Annexes
  • Similar to GoM Annex
  • Metocean Development
  • Limitations
• Views of Committee
Other Issues

- API 95J
  - Outgrowth of Katrina and Rita
  - Represents minimum requirements
  - Need to update
- BSEE Checklist
  - Drilling Contractor Use?
  - Approach Used to Confirm Site
- Future Meeting? When?