THE HSSE BENEFITS OF AERIAL DRONE APPLICATION TO CLIENT FIELD QC AND ACQUISITION CONTRACTORS

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TECHNOLOGY

- Technology has developed dramatically
- Nodes
- Receivers
- Submarine Drones
- Aerial Drones
- Some applications of Drone use are maturing in our industry
GEOPHYSICAL OPERATIONS

• Land operations
• Marine operations
• Transition Zone operations
• Logistics
• Security
• Emergency Response
• Search and Rescue
HSSE

• Health & Safety
• Security
• Environment
• Operational efficiency
• Commercial viability
REQUIRED CHARACTERISTICS

• Duration of operations envelope
• Weather envelope
• Redundancy
• Speed
• Payload
• Software and firmware implementation
• Artificial Intelligence (AI) application
SAFETY OF OPERATION

• Fuel
• Fire
• Explosion
• Flying objects
• Autonomous flight
• Fail Safe Operations
SUMMARY

• Technology
• Geophysical operations
• HSSE
THANK YOU

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• ANY QUESTIONS?

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