



## **DYNAMIC POSITIONING CONFERENCE**

**OCTOBER 9-11, 2017**

**RISK**

# **Use of LFI - Delivering Incident-Free DP Operation Through Life Cycle of Vessel**

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***(POSH)***

# Philosophy

Delivering consistent and predictable incident free DP operations is integral to POSH delivering outstanding business performance:

- Reliance on a compliance based mindset is not effective in delivering business objectives
- In order to achieve the desired business performance the journey to move from a culture of blind compliance to an objective and outcome focused culture is essential.
- LFI's provide a pathway to embark and complete this journey.

# Philosophy

LFI's provide for:

- Transparency
- Fosters a no blame culture
- Transforms organizations to become learning organizations
  - ✓ This in turn fosters a continuous improvement mindset.
  - ✓ Enables personnel both onshore and offshore continuously enhance skills and capabilities
- Fosters a Generative Safety Culture
  - ✓ A cultural change of sharing, mining and gleaning from LFI's
  - ✓ A conscious mind set of embedding in work processes and in all aspects of
    - Design,
    - Operations
    - People
    - Process

# Philosophy in Action

- Every Journey starts with a small step.
  - ✓ Incident reporting and investigations as per industry norms.
  - ✓ Became aware of MTS DP Committee TECHOP on Incident investigation - Outcome focus was on developing lessons learned
  - ✓ Utilized TECHOP for incident investigations
  - ✓ Lessons learned were shared internally
  - ✓ Corporate decision and commitment made to share LFI with MTS DP Committee
- Response was Reactive in Nature
- Familiarisation with MTS DP Committee documents and Processes enhanced awareness of benefits of an outcome focused approach
- Journey of Culture Change commenced

# Philosophy in Action

- Increased engagement with activities of the MTS DP Committee (DP & ASOG Workshop at POSH Office facilitated by MTS DPC)



# Incident Investigation and Developing of LFI's

## POSH EXPERIENCE:

- Approach
  - ✓ Utilised TECHOP for incident investigation
  - ✓ Investigated for hidden failures
  - ✓ Developed LFI as per MTS DPC TECHOP
- Deference to Expertise
  - ✓ To avoid the pitfalls of confirmation bias, POSH reached out to its business partner M3 for expertise. They are an organisation with broader expertise on the subject matter and POSH leveraged on industry expertise and resources. POSH developed a culture of embedding deference to expertise to business partner.
- Structured Process
  - ✓ Used learning to assess own fleet
  - ✓ Shared learnings with industry
  - ✓ Promoted reporting of LFI with delegates at DP Asia

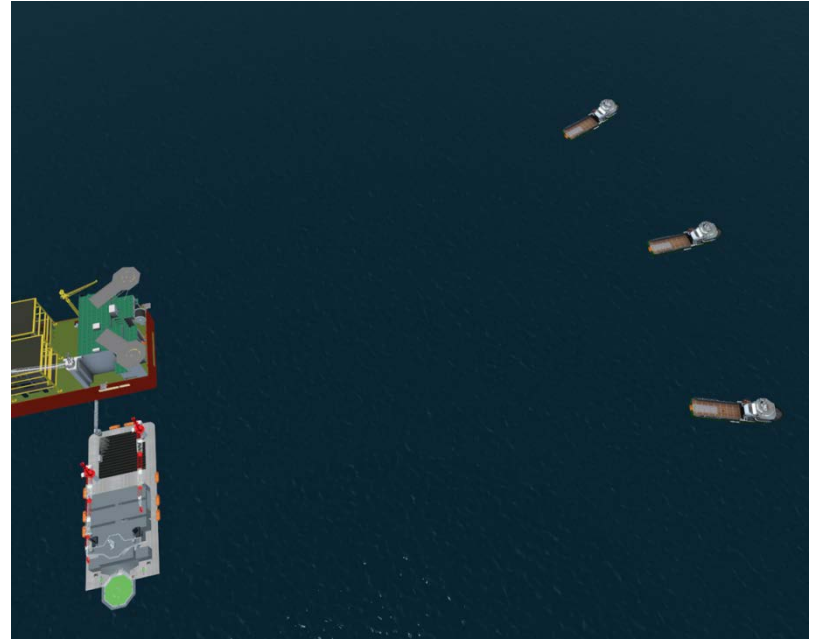
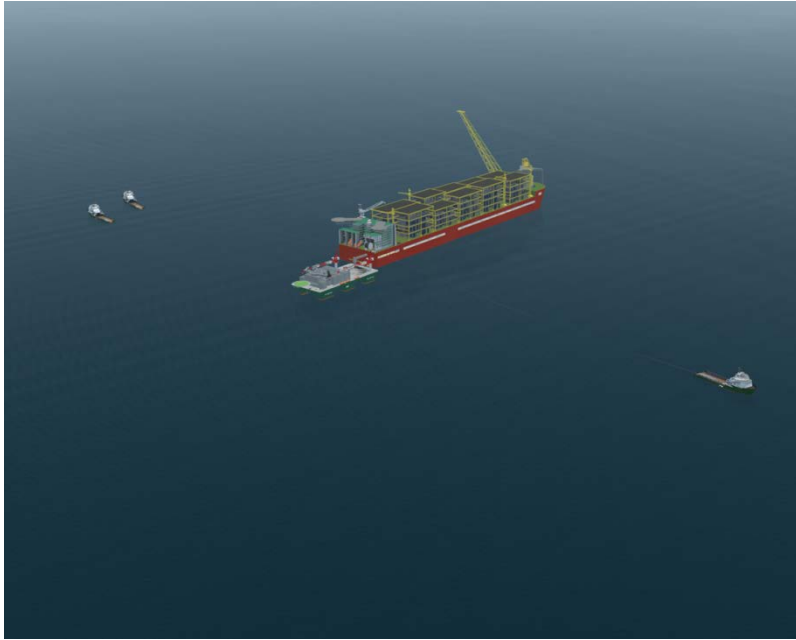
# Journey to a Generative Safety Culture

## THE PRELUDE EXPERIENCE

- Technically Challenging Project
- Goal Based Regulatory Regime
- LFI's mined for DP relative positioning challenges
  - ✓ Concept - Studies carried out
  - ✓ Design - MARIN Simulations establishing operational parameters
  - ✓ Operations - Results of Simulations and Field Management attributes embedded in the ASOG
  - ✓ People - Project Specific Simulator training. Bespoke training developed. Jointly delivered by KM Maritime/POSH/Lease Operator)
  - ✓ Process - Embedded in Safety Case and Project Specific Procedures
  - ✓ In execution /In Service near real time sharing of experiences in the field
- A cultural change observed- (A Partnership mindset)

# Journey to A Generative Safety Culture

Simulations establishing operational parameters and attributes embedded in ASOG





# Outcomes of the Journey

- Structured Approach to investigation of Incidents
- Benefits of transparency and sharing starkly visible
- Understood the importance of deference to Expertise
  - ✓ Avoided the pitfalls of confirmation bias
  - ✓ Leveraged Industry Expertise and resources
- Active Mining of LFI's from Industry
  - ✓ Enhanced robustness of planning for execution of complex projects
  - ✓ Developing the basis of confidence for positive outcomes

# A Cultural Change

- A shift from blind compliance to a more effective outcome/objective focus
- Transparency
- A no blame culture and a “not afraid to speak your mind culture”
- Generative Safety Culture
- A learning organization
- A continuous improvement mindset
- A strong sense of ownership
- A partnership mind set
- Outstanding Station keeping performance leading to desired business outcomes

# A CULTURE TRIGGERED THROUGH A DELIBERATE APPROACH OF EMBEDDING LFI'S



# Thank You

