Technical Seminar – OTG 13/14
Summary and Way Forward
Houston, 1st February 2017
Further Activities

- OTG guidance documents
  - New revisions in Feb 2017 for OTG13 and Mar 2017 for OTG14
What is Remaining?

- Regulators have concerns over airgap and potential wave in deck
- Lack of clear guidance in industry
- Further Improvement needed for OTG’s

- Calibration based on different semisubmersible design configurations
- Difficult to apply local wave impact loads and evaluate global effects due to negative airgap
- Considerations for metocean conditions in different geographic regions, e.g. tropical storms?
- Considerations for differences between drilling semi and production semi?
Objectives

Further develop and improve current guidelines for air gap calculation and slamming load predictions to:

- Reduce conservatism in preliminary guidelines – establish a cost efficient, safe and consistent industry practice
- Establish simplified/practical methods for structural dimensioning for slamming loads as an alternative to complex time domain approaches
- Address geographic and functional specifics
Benefits for participants

Potential participants:
- Oil companies, Drilling contractors, leading designers, EPCI contractors, consulting companies.

Benefits:
- Achieve an industry practice that accounts for interest of all stakeholders
- Establish basis to address concern of regulators
- Calibrate factors, parameters based on experiences, test results etc.
- Achieve pragmatic design methodology
- Gain insight to the technical background of rules and guidelines
WaDeck JIP (Cont’d)

- **WORK PACKAGES**
  - To be finalized upon agreed scope

- **DELIVERABLES**
  - Reports detailing the findings from each work package and a separate report outlining the main conclusions and recommendations

- **SCHEDULE**
  - Start first half of 2017 and complete in one year