Improving performance: Beyond compliance

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Head of Division, Safety and Integrity

Petroleum Club of Western Australia – 24 May 2017
Who we are

• An independent statutory regulatory authority
• Established under the Commonwealth Offshore Petroleum and Greenhouse Gas Storage Act 2006
• Created in 2005 with additional functional areas added in 2010 and 2012
Our Vision

Safe and environmentally responsible Australian offshore petroleum and greenhouse gas storage industry
What we regulate

- Safety
- Facilities
- Wells
- Integrity
- Environment
- Activities
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Based on data at end of year.

* Numbers fluctuate slightly as facilities enter and leave the regime e.g. mobile facilities
How we work

Assess permissioning documents

Inspections
- Permissioning document commitments
- Incident investigations

Enforcement

Promote
Advise
Knowledge
Behavioural Change

• Industry
  – Belief that good business means safety & environment
  – Buy-in throughout organisation & industry
  – Aspire to “World Class”

• NOPSEMA
  – Belief that “step change” is not just possible, but achievable, likely and can occur faster
  – Whole organisation working together
  – Use of all “tools” to get there. Use of data.
Aims

Information reach

Increasing performance

Goal setting
National Stds
Minimal Prescription

Leveraging:
Global Stds
Big Data
IRF

World Class

High

Continual Improvement

Local
National
International
Global

Information reach

Increasing performance

low
Example 1 – CAR Seals

1st Inspection identifies issue

Recommendation

Next inspection identifies issue unresolved & systemic

Enforcement (Facility Operator)

&
Example 2 – 3rd party equipment

Facility Operator

Inspection identifies significant issue across multiple duty-holders

Enforcement

3rd Party provider

OHS Improvement Notice

Titleholder
Example 3 – DP Incident

Investigation identifies issues

Recommendations (Operator & Manufacturer)
Immediate Challenges

• Managing in a low oil price environment
  – Loss of critical mass; key skills
  – Maintenance/ end of life

• “Permissioning” Documents
  – Value of good documents
  – Ownership & sharing
Immediate Challenges

• Projects
  – Station-keeping
  – Standards

• Asset Transfers
  – Management systems
Opportunities?

• Projects
  – Station-keeping; industry-wide collaboration
  – Standards; global collaboration

• Reduce regulatory burden
  – Identify once; fix many

• Big Data
  – Access to knowledge; application
Industry actions?

Increasing performance

High

Low

Leveraging:
- Global Stds?
- Big Data?
- Industry Associations?

World Class

Information reach

Local
National
International
Global

Hearts & Minds
Continual Improvement
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Questions?