A regulator’s perspective on improving safety

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## Preliminary considerations

### Stena Clyde investigation

| Risk assessment system | • Implementation essential  
|                       | • Workers can contribute to consideration of factors |
| Communication         | • Key part of work offshore  
|                       | • Supervisors should verify workers understand role and risks |
| Equipment used        | • Fit for purpose  
|                       | • Good working order  
|                       | • Reassess the risks |
TRC (injuries)

Rate per million hours

Accident rate

Accidents

Rate per million hours

Dangerous occurrence rate

Dangerous Occurrences

Rate per million hours

Uncontrolled hydrocarbon release rate

Hydrocarbon Releases (Gas and Liquid)

Rate per million hours

Note: OHS-related releases only
## Root causes

### Accidents basic causes

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### Dangerous occurrences basic causes

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Annual offshore performance report
Regulatory information about the Australian offshore petroleum industry
to 31 December 2012
2013-14 Focus areas

**Technical controls**
- Hazardous area equipment
- Well barrier policy

**Performance standards**
- Implementation of controls
- Integration of standards into testing/inspection/maintenance

**Process safety**
- Maintenance management
- Asset integrity
- Management of change
Involve to engage

Workforce involvement
• Identify risks and impacts
• Define systems

Workforce understanding
• Ask questions
• Apply knowledge

Workforce engagement
• Protect self/team
• Continuous improvement
Thank you.