

# WLCPF

## Well Life Cycle Practices Forum

Well Life Cycle Integrity Guidelines  
(WLCIG)

Norsk olje og gass Well Integrity Forum

Sandnes, 4<sup>th</sup> June 2013

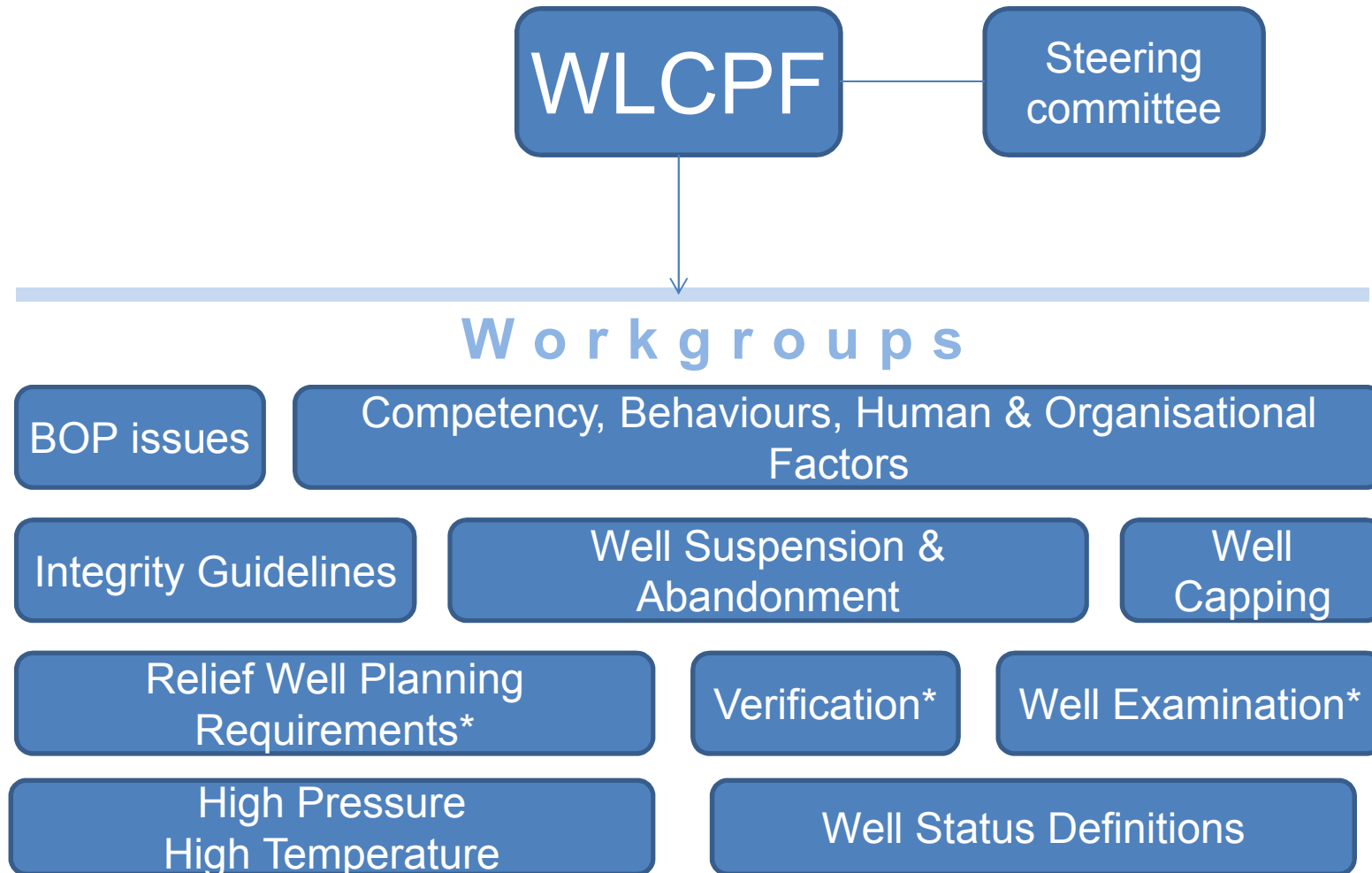
Steve Kirby – Oil & Gas UK

# Background to WLCPF



- April 2010 – Macondo Blowout
- Sept 2010 – OSPRAG recommendations developed
- Oct 2010 – OSPRAG technical committee issues interim report
  - Well Life Cycle Practices Forum (WLCPF) should be developed under the stewardship and governance of Oil & Gas UK. Set up December 2010.
  - The Oil Spill Response Forum established under the governance of Oil & Gas UK

# WLCPF and its workgroups



# The advantages of WLCPF



- The formation of the Well Life Cycle Practices Forum benefits the UK offshore oil and gas industry by:
  - Producing up to date guidelines providing good industry practice that everyone can use
  - Facilitating opportunities for industry to work together to improve and share experience
  - Being the chosen interface for regulators to talk to industry on wells issues

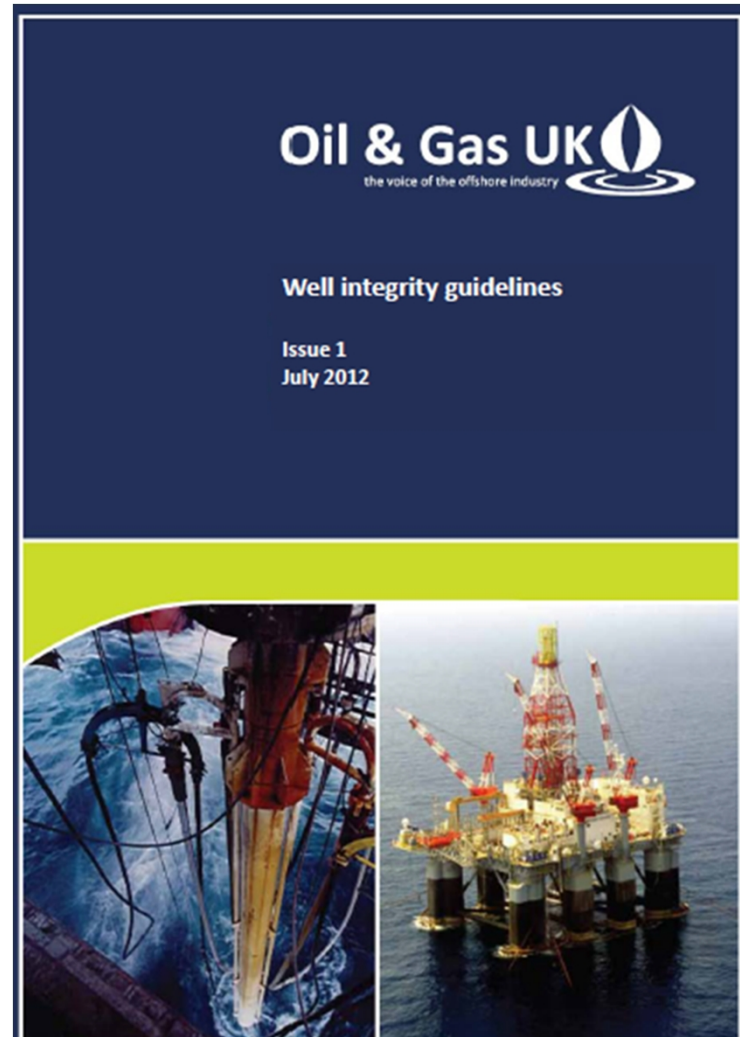
# WLCPF guidelines so far...



Title	Publication date	Review Date(s)
Guidelines for well-operators on well examination – issue 1	Nov 2011	Issue 2: Nov 2014
Guidelines for well-operators on competency of well – examiners – issue 1	Nov 2011	Issue 2: Nov 2014
Guidelines on relief well planning – issue 2 (subsea & platform wells)	March 2013	Issue 3: Jan 2016
Guidelines on competency of wells personnel – issue 1	Jan 2012	Issue 2: Jan 2015
Example competency profiles for wells personnel – issue 1	Jan 2012	Issue 2: Jan 2015
Guidelines for the suspension and abandonment of wells – issue 4	Jul 2012	Issue 5: July 2015
Guidelines for the qualification of materials for the suspension and abandonment of wells – issue 1	Jul 2012	Issue 2: July 2015
Guidelines on subsea BOP systems – issue 1	Jul 2012	Issue 2: Subsea & Surface BOP systems: Q4 2013: Issue 3: Late 2016
Well integrity guidelines – issue 1	Jul 2012	Issue 2: Q1 2014 Issue 3: Q1 2017
Information on deployment of the OSPRAG capping device – issue 1	Q2 2013	TBC following issue 1 publication
Guidelines on human factors in well integrity	August 2013	TBC following issue 1 publication

# The Well Integrity Guidelines: Scope

- Relevant to all wells, and well operations, for the purpose of exploiting naturally occurring hydrocarbons – onshore and offshore.
- Focus on typical wells & standard operations.
- Reference to existing standards and guidelines, rather than creating new.
- Address HSE guidance relating to well integrity, including the Well Construction Standards.
- Include guidance on roles and responsibilities.



# The Well Integrity Guidelines: Intent



**The Guidelines document good Industry Practice to help Industry meet the requirements of UK Regulations and avoid a loss of Well Integrity:-**

**The Offshore Installations and Wells (Design and Construction, etc.) Regulations 1996, Part IV, Wells, General Duty:-**

The well-operator, shall ensure that a well is so designed, modified, commissioned, constructed, equipped, operated, maintained, suspended and abandoned that –

(a) so far as is reasonably practicable, there can be no unplanned escape of fluids from the well; and

(b) risks to the health and safety of persons from it or anything in it, or in the strata to which it is connected, are as low as is reasonably practicable.

**The style of the Guidelines is aimed to encourage discussion. Operators do not have to follow the Guidelines but should be prepared to justify how their approach reduces risk to “as low as reasonably practicable”**

# The Well Integrity Guidelines: Content



## Guideline Format

- Key legislation
- Well barriers
- Pressure testing
- Management of change
- Risk assessment
- Reference documents

## Guideline Range

- Well design
- Drilling
- Well testing
- Completion
- Commissioning
- Operate & maintain
- Intervention & workover
- Suspension & abandonment



# The Well Integrity Guidelines: Next Steps



Well Life Cycle Integrity Guidelines (WLCIG) Workshop

Thursday June 6th 2013 for Issue 2: Q1 2014

- Address new relevant material and learnings.
- Gap Analyses between the WLCIG document and:
  - OGP integrity document (Petroleum and natural gas industries- Well Integrity – Part 2: well integrity for the operational phase)
  - Norsok D-010 (Rev 4)
- Incorporate relevant feedback.
- Provide more guidance on pressure testing.
- Provide guidance on managing annulus pressure.
- Identify areas for further work.



# Thank you

For more information please go to

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