



**NOPSEMA**

Australia's offshore  
energy regulator

## WOMP Structure and Revision of Part

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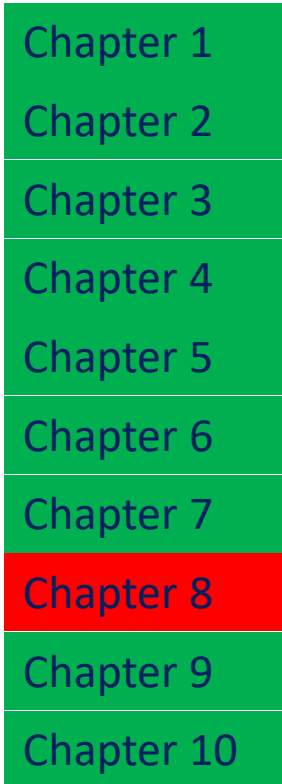
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- **WHAT IS A WOMP?**
- **Work with DISC:**
  - **WOMP “Revision of part submission”**
  - **Common WOMP format**
- **Policy update**

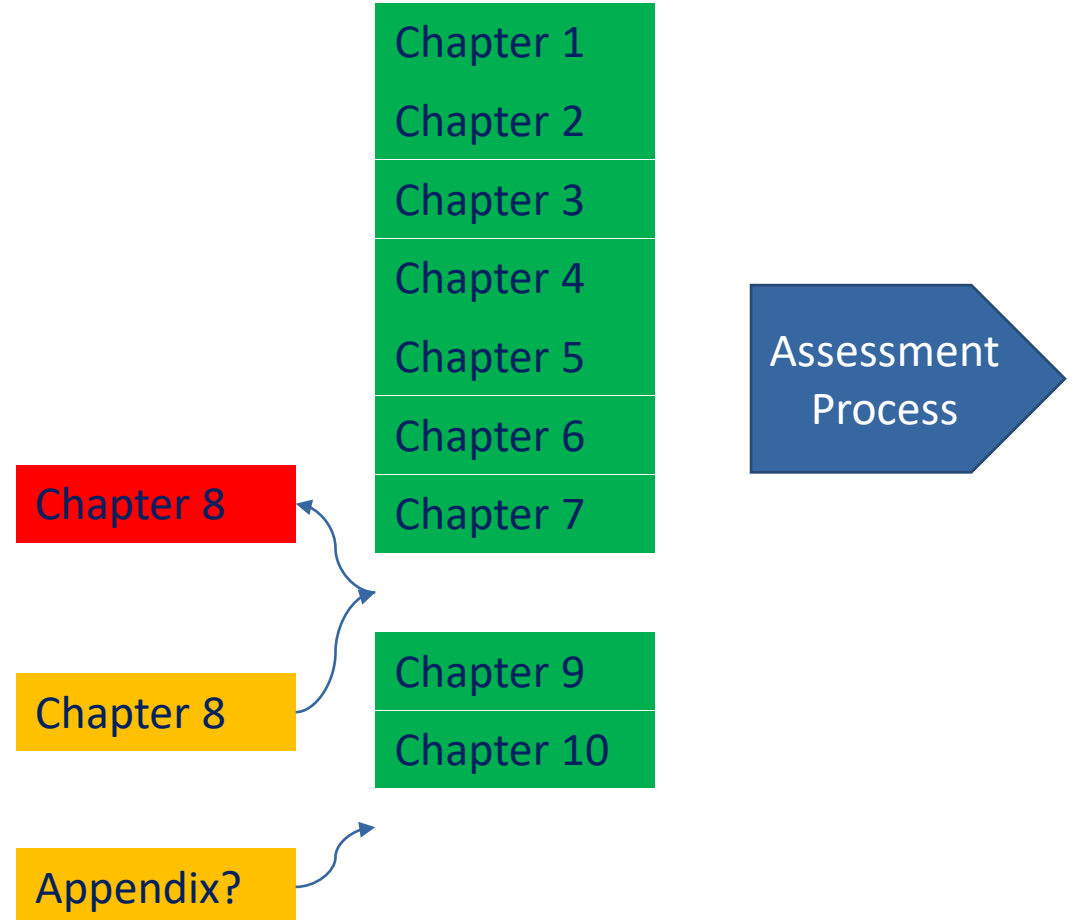
# WOMP revision of part

In Force WOMP



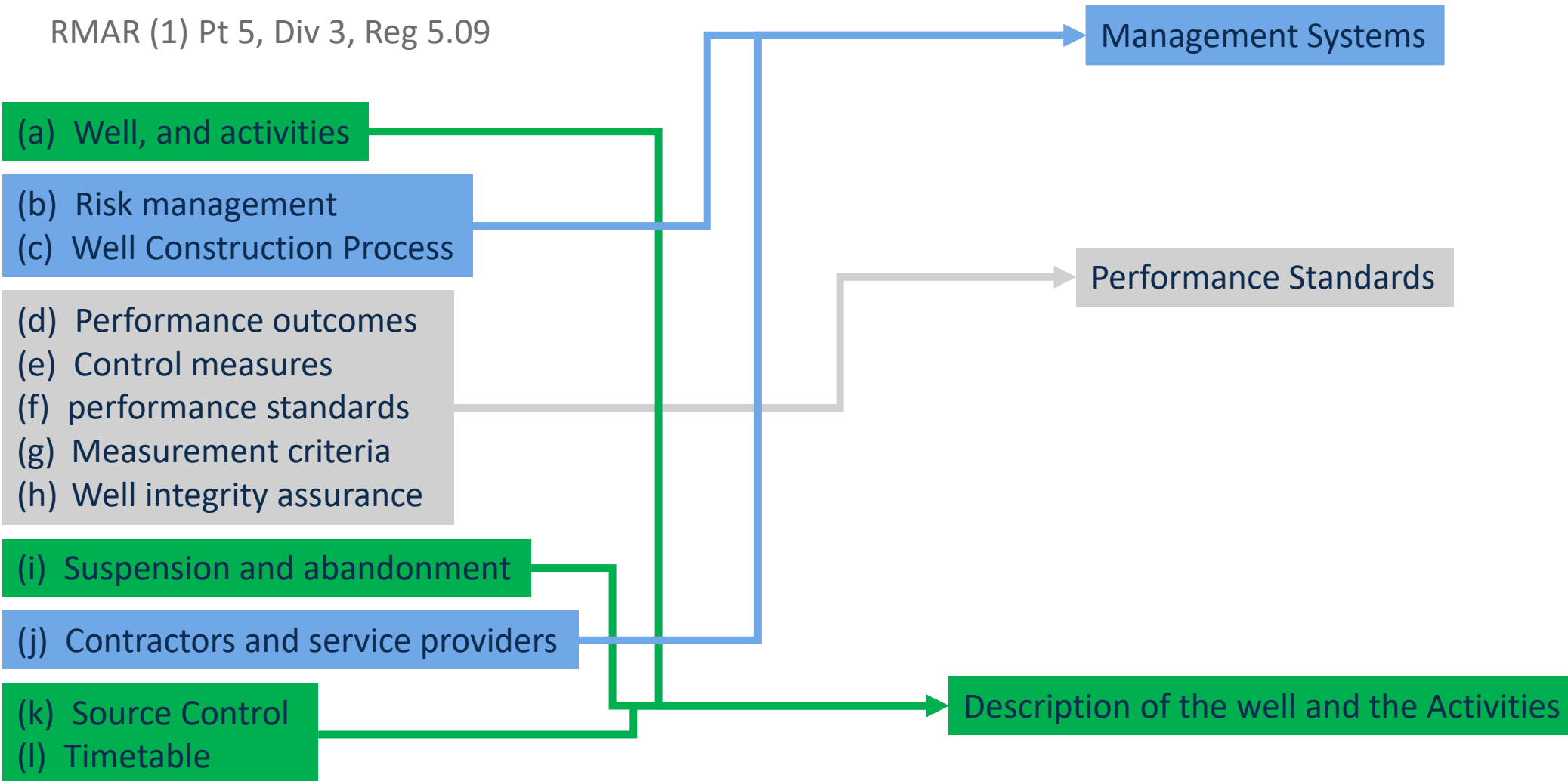
## Caveat Example

- Why
- What
- Boundary
- History
- MoC showing risk
- 5 Year no change
- Commitments



# Grouping

RMAR (1) Pt 5, Div 3, Reg 5.09



# Link to ISO

## 5.09 Contents of well operations management plan

- (1) The matters that must be included in a well operations management plan are the following:
  - (a) a description of the well, and the well activities relating to the well, to which the plan applies;
  - (b) a description of the risk management process used to identify and assess risks to the integrity of the well;
  - (c) a description and explanation of the design, construction, operation and management of the well, and conduct of well activities, showing how risks to the integrity of the well will be reduced to as low as reasonably practicable;
  - (d) a description of the performance outcomes against which the performance of the titleholder in maintaining the integrity of the well is to be measured;
  - (e) a description of the control measures that will be in place to ensure that risks to the integrity of the well will be reduced to as low as reasonably practicable throughout the life of the well, including periods when the well is not operational but has not been permanently abandoned;
  - (f) a description of the performance standards for the control measures identified under paragraph (e);
  - (g) the measurement criteria that will be used to determine whether the performance outcomes identified under paragraph (d) and the performance standards identified under paragraph (f) are being met;
  - (h) a description of the monitoring, audit and well integrity assurance processes that will be implemented to ensure the performance outcomes and performance standards are being met throughout the life of the well, including periods when the well is not operational but has not been permanently abandoned;
  - (i) a description of the arrangements that will be in place for suspension and abandonment of the well, showing:
    - (i) how, during the process of suspending or abandoning the well, risks to the integrity of the well will be reduced to as low as reasonably practicable; and
    - (ii) how the actions taken during that process will ensure that the integrity of the well is maintained while the well is suspended or abandoned;
  - (j) a description of the measures that will be used to ensure that contractors and service providers undertaking well activities are aware of their responsibilities in relation to the maintenance of the integrity of the well, and have appropriate competencies and training;
  - (k) a description of the measures and arrangements that will be used to regain control of the well if there is a loss of integrity;
  - (l) a timetable for carrying out and completing the well activities to which the plan applies.

WOMP structural  
link to ISO-16530

**INTERNATIONAL  
STANDARD**

**ISO  
16530-1**

First edition  
2017-03

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**Petroleum and natural gas  
industries — Well integrity —**

**Part 1:  
Life cycle governance**

*Pétrole et industries du gaz naturel — Intégrité du puits —  
Partie 1: Gouvernance du cycle de vie*

# ISO 16530 Elements

## Common Elements

- Well Integrity, Policy, Management
- Risk Assessment
- Organisational Structure
- Well Barriers, Performance Standards, verification
- Reporting and Documentation
- Management of Change
- Continuous Improvement
- Auditing

## Phases

- Basis of Design
- Design
- Construction
- Operational and Intervention
- Abandonment

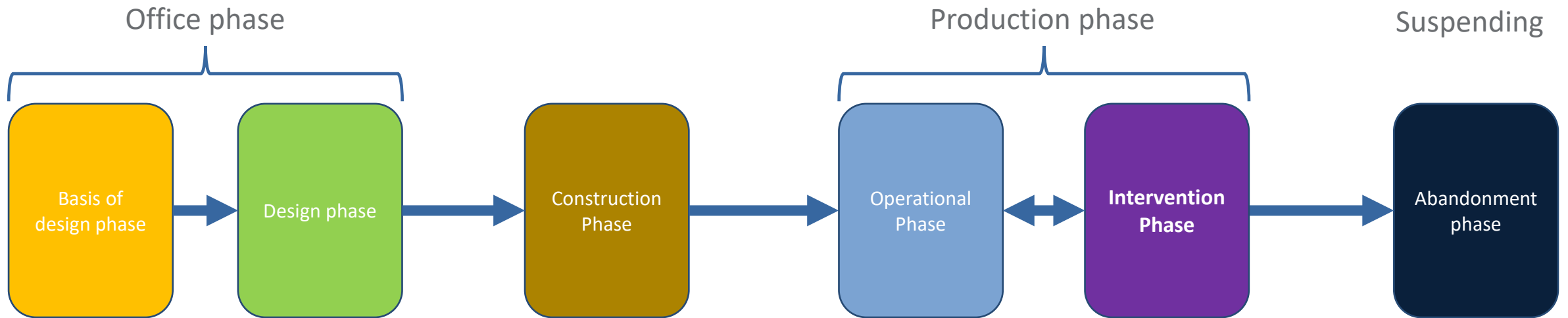
# Similar Risk

## 5.06 Application for acceptance of well operations management plan

- (1) A titleholder may apply to the Regulator for acceptance by the Regulator of a well operations management plan.
- (2) The titleholder must submit the plan to the Regulator:
  - (a) at least 30 days before the proposed start of the first well activity to which the plan would apply; or
  - (b) within the period approved by the Regulator in writing.
- (3) The plan:
  - (a) must be in writing; and
  - (b) **may apply to more than one well if the integrity of each well is subject to similar risks; and**
  - (c) with the written approval of the Regulator—may be submitted in part.

# Similar Risk

## Well integrity Life cycle phases ISO-16530





# Management Systems

		<b>Well Construction</b>	<b>Production Wells</b>	<b>Suspended</b>
(c)	a description and explanation of the design, construction, operation and management of the well, and conduct of well activities, showing how risks to the integrity of the well will be reduced to as low as reasonably practicable;	6. Basis of Design phase 7. Well design phase 8. Well construction phase	9. Well operational phase 10. Well intervention phase	
(b)	a description of the risk management process used to identify and assess risks to the integrity of the well;	7.3 Risk controls in well design 8.6 Risk identification and assessment	9.7 Risk assessment of well integrity failure and its management 10.6 Risk management	11.5 Risk management
(j)	a description of the measures that will be used to ensure that contractors and service providers undertaking well activities are aware of their responsibilities in relation to the maintenance of the integrity of the well, and have appropriate competencies and training;	API Bulletin 97	API Bulletin 97 (for well interventions)	API Bulletin 97

# ABANDONMENT COMMITTMENT

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