

# Asset Life Cycle Knowledge Retention

Why, what and how?

21 June 2017

# Why ?

**(is knowledge retention important)**

# Integrity Threats

Corrosion

Anode  
Depletion

Operational  
Changes

Damage

Cracking

Regulation  
Changes

Ship  
Impact

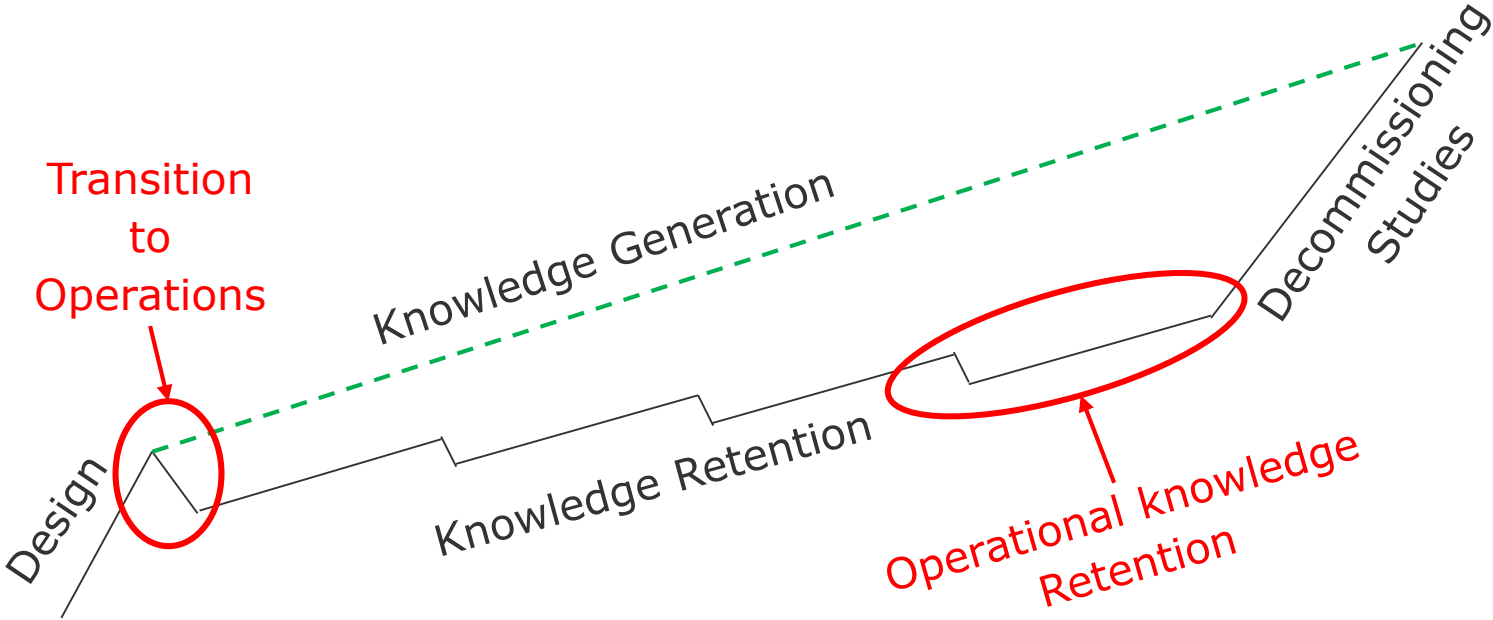
10K Wave

Marine  
Growth  
Build Up

Metocean  
Data  
Updates

Deck  
Inundation

# Knowledge Retention



Design

Operations

Late Life

## Why worry ?

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Yes,  
decommissioning is  
important. As a  
company we  
understand the need  
to be prepared.

Decommissioning?  
I have more  
pressing issues to  
worry about today



# What ?

(do we need to retain)

# Everything

Structural  
Models

Inspection  
Reports

Metocean  
Data

Weight  
databases

Projects

Geotechnical  
Data

Repairs

Assessments

Online  
Monitoring

Material  
Certificates

Inspection  
Schemes

Installation  
Data

Original Design  
Reports

Weight  
reports

## I really mean everything

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Personal

Disconnected



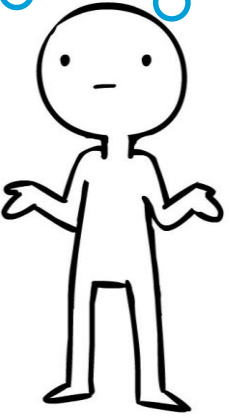
Incompatible



# How ?

(do we do that effectively)

# Big Data



# Good Knowledge Management

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Connected

Convenient

Consistent

# Summary

## In Summary

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Lost knowledge can be expensive. The key to successfully retaining knowledge is that it is delivered in a **consistent** format, is **connected** to together and is **convenient** to recover.

# Thank you

**Steven Coull, Asset Leader, DNV GL**

Steven.coull@dnvgl.com

+44 (0) 20 381 64460 (Aberdeen)

**[www.dnvgl.com](http://www.dnvgl.com)**

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