JANICE DECOMMISSIONING
SUT/Masts Decommissioning and Wreck Removal Workshop
6th October 2017
Janice History

- Central North Sea
- 175 miles SE of Aberdeen
- Field discovered in 1990
- First production in Feb 1999
- Over 70 million barrels production over its lifetime
- Asset reached its economic end of field life in 2015
Full removal of Janice FPU, risers, flowlines, umbilicals, control jumpers and spool pieces.

Complete removal of James pipeline and umbilical.

Oil, Gas and Affleck Pipelines to be remain in situ with rock dump at ends.

400 days P&A campaign:
- Janice – 13 Wells
- James – 2 Wells
- Affleck – 2 Wells
Some of the Challenges
Flexible Pipeline Cleaning

How clean is clean?

- Industry benchmark is 30ppm
- Oil accumulates in carcass of flexible, which is impossible to remove fully by flushing or pigging.
- Residual Hydrocarbons will leach out from carcass over time
- Could the use of micro organisms to break down residual hydrocarbons in pipelines left in situ be a possibility?
Flexible Pipeline and Umbilical Recovery
Recovery doesn’t need to be reverse installation
Mid Water Arch Recovery

• Vessel time required flood and sink buoyancy tanks

• Use of explosives may simplify subsea cutting operations?
Structure Recovery

• Bringing heavy lifts inboard more challenging than installing as the load naturally spends more time “uncontrolled” in the air.

• Taking into account that all rigging points are effectively uncertified and managing the risk of possible rigging point failure.