



DECOMMISSIONING CHALLENGES

Collaboration & Innovation in Decommissioning

12 September 2018

TEPUK OPERATED ASSETS

Northern North Sea



Eastern North Sea



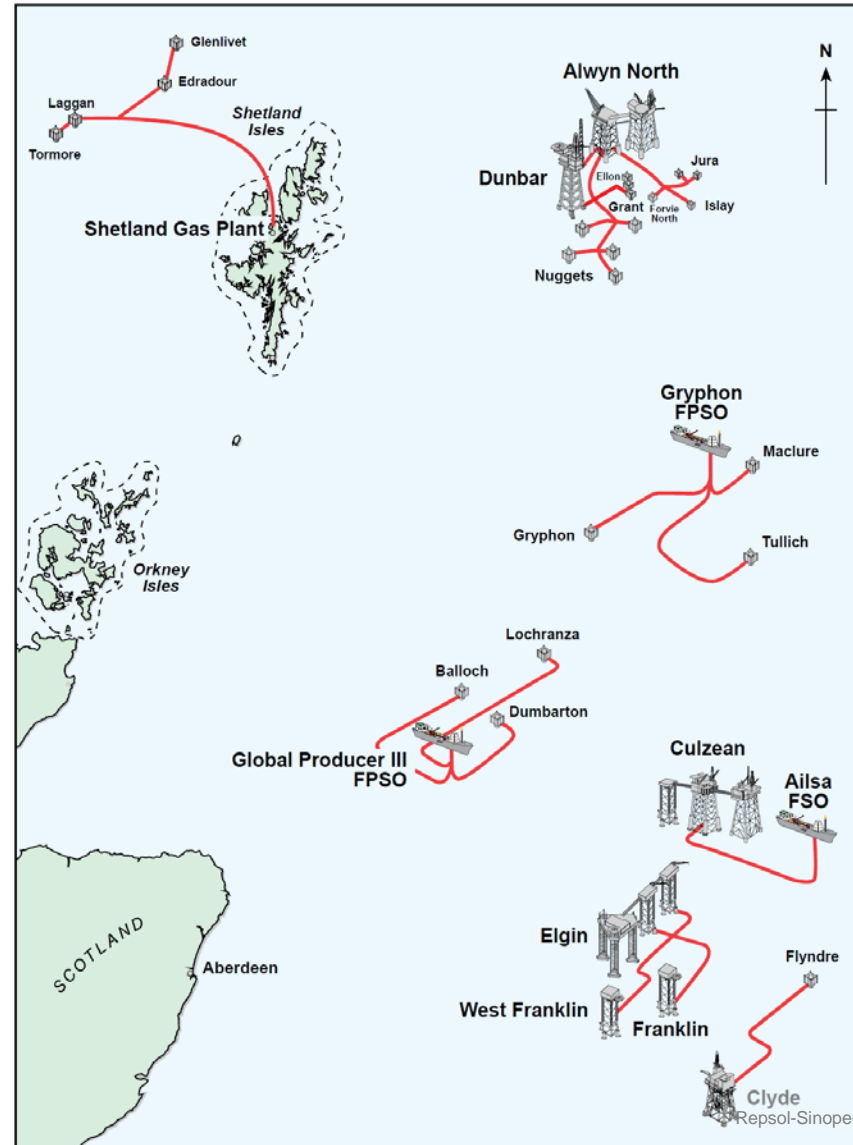
Culzean



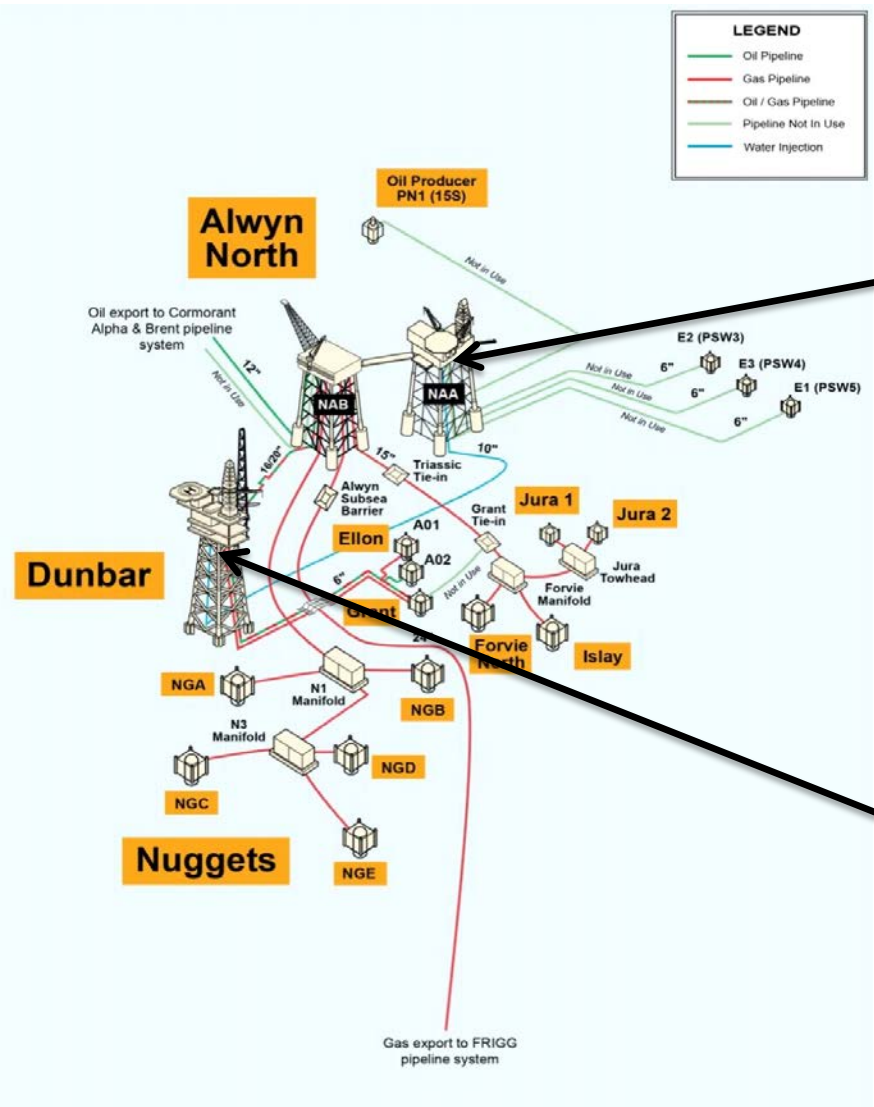
Central Graben Area



West of Shetland



NNS ASSETS FUTURE DECOMMISSIONING SCOPE



North Alwyn

500km north east of Aberdeen

130m water depth

North Alwyn A (NAA)

- Drilling, Utilities & Accommodation
- Fixed steel jacket
- Modular topside construction
- Steel bridge link to NAB

North Alwyn B (NAB)

- Main process equipment & risers
- Fixed steel jacket
- Modular topside construction



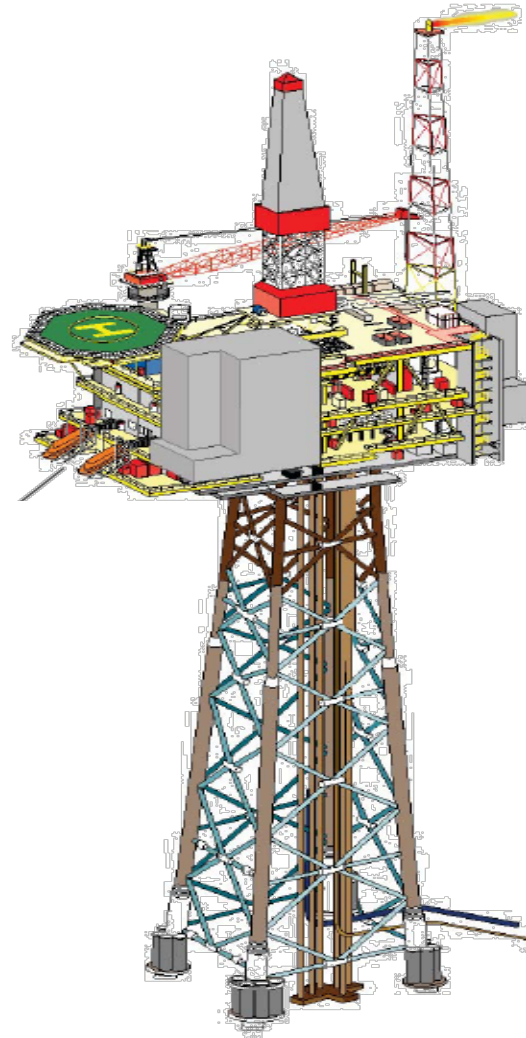
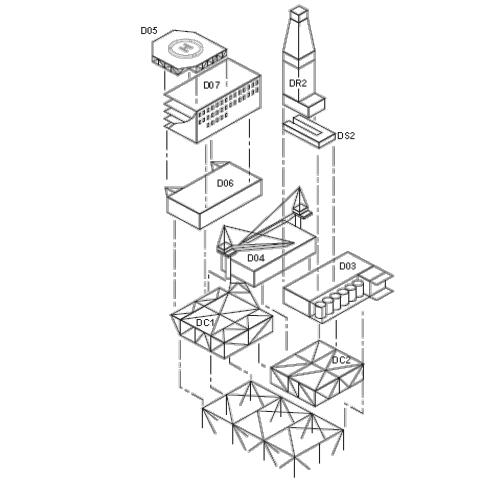
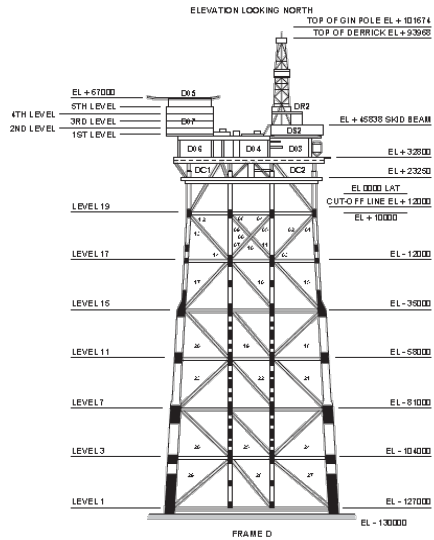
Dunbar

• 440km north east of Aberdeen

• 145m water depth

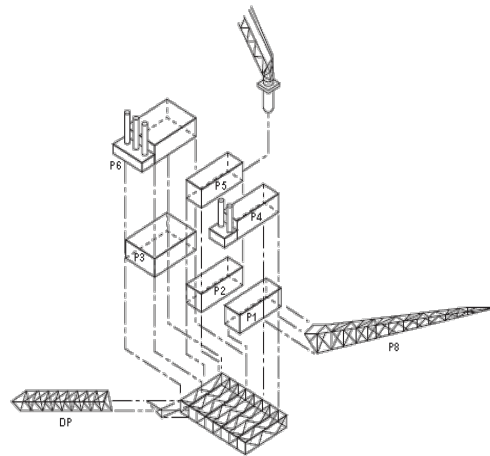
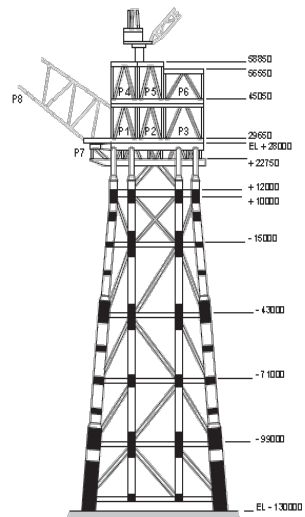
- Satellite platform of North Alwyn
- Minimum process facilities
- Full derrick set with limited fluid handling facilities
- Living quarters
- Fixed steel jacket
- Integrated deck topside construction

NNS ASSETS FUTURE DECOMMISSIONING CHALLENGES



NNS challenges include

- Dunbar P&A
- Mattresses
- Time reduction opportunities
e.g. Engineer down



CHALLENGES TO TAKE ON?

- Mattress retrieval
- Platform deck space limitations
 - e.g. reduce the footprint required for decommissioning equipment, or
 - solutions to add deck space
- The time required to engineer-down facilities for decommissioning
 - e.g. topsides flushing & pipeline cleaning

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