



Canadian Natural

International Division Decommissioning
Unlocking Operator Commitment to Supply Chain

March 2025



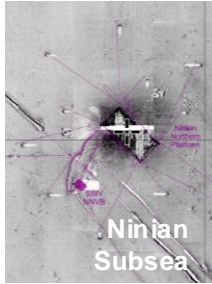
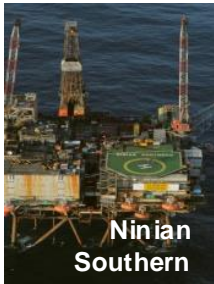
CNR International – A Decommissioning Journey



2012

-

2025



2024

-

2032

- Partnerships led to Success
- Delivered each company's drivers
 - Process of continuous improvement
 - Hunting mentality for opportunities
 - Being bold in partnering innovation
 - First use technology/methods

- Need to continue trend
- Looking for Partnerships
- Must deliver on CNR drivers

Making Decommissioning a Success



- Unlock the impasse – operator commitment to a threatening supply chain



- Share and Understand company drivers



- Mutually beneficial commercial and contractual models



- Equality in partnerships – both are empowered



- Commitment leads to continuous improvement and execution excellence



- A culture of value creation in decommissioning

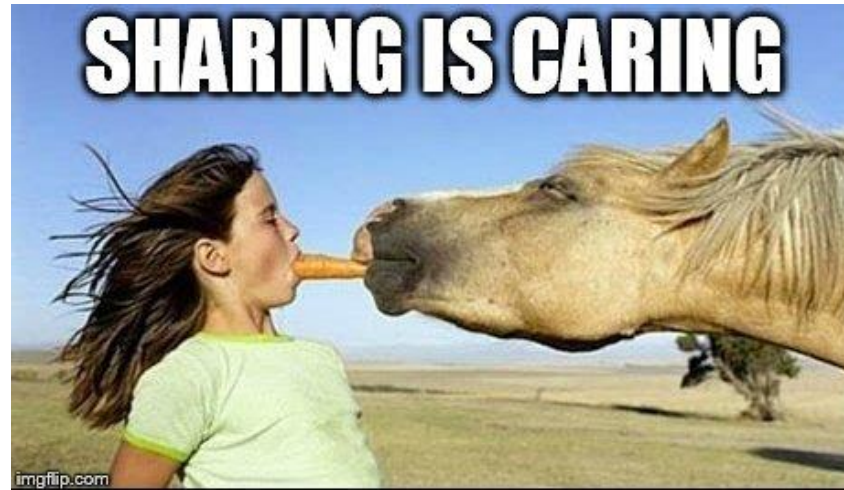
Unlock the Impasse

- Shift the current narrative
 - Who will blink first?
 - Who has the most to lose?
- Understand the truth
 - Supply chain has the demand elsewhere – but how much?
 - Operators have the time – but how much?
- Face up to reality – we all lose
 - Recognise the difference between “want” and “need”
 - Focussing on what we want is risking losing what we need
 - We need the best to realise the significant opportunities



Share and Understand Value Drivers

- We need to understand each other
- What drives value in our decommissioning and in your supply?
- What do consider to be differentiators?
- Hard to deliver exactly what we want, but be open to alternatives that get close



Agreements that work for all

- Mutual benefit – starting point, not negotiated position
- If we're comfortable – we are all empowered and work for more success
- Taking a risk to innovate or try something new
 - Not hampered by terms
 - Threat of variation



Equality in Partnerships

- Working “together” not “for”
- Supply chain are better at what we need from them
- Do what is right if you expect the same back
- Don't treat every conversation like a tender
 - Share more information early to empower supply chain
 - Seek earlier ideas from the supply chain



Commitment is rewarded

- We commit, you commit
 - We will both end better than we start

- Our capabilities today are the minimum standard
 - We need to do it all better
 - Hunting opportunities

- Long term commitment must unlock innovation

Please be aware that I am totally committed to remaining fully uncommitted to commitment.



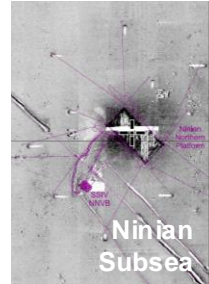
Decommissioning is a value creating activity

- Cannot be defeatist
- Culture must be to create value in decommissioning
- Each \$ realised in decommissioning is investable in developments
- Value means better, not just cheap



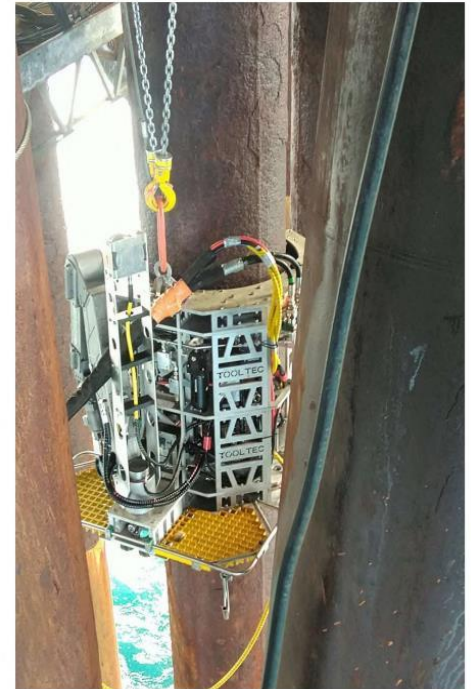
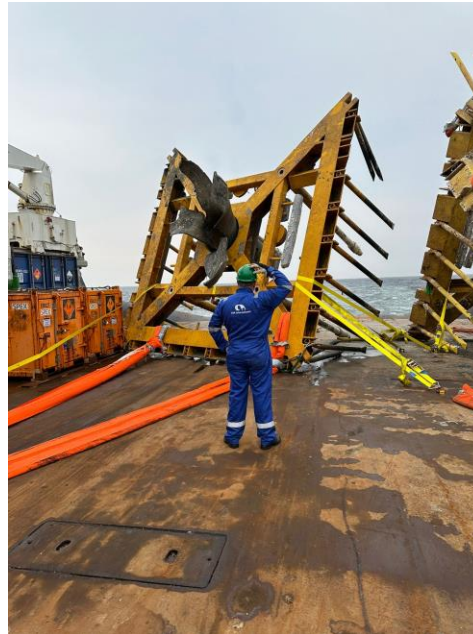
CNR's Decommissioning Value Drivers

- Capital Discipline
- Cost Certainty
 - We estimate correctly
 - We spend what we say or less
- Capital Profile
 - We see what is ahead
- Repeatability

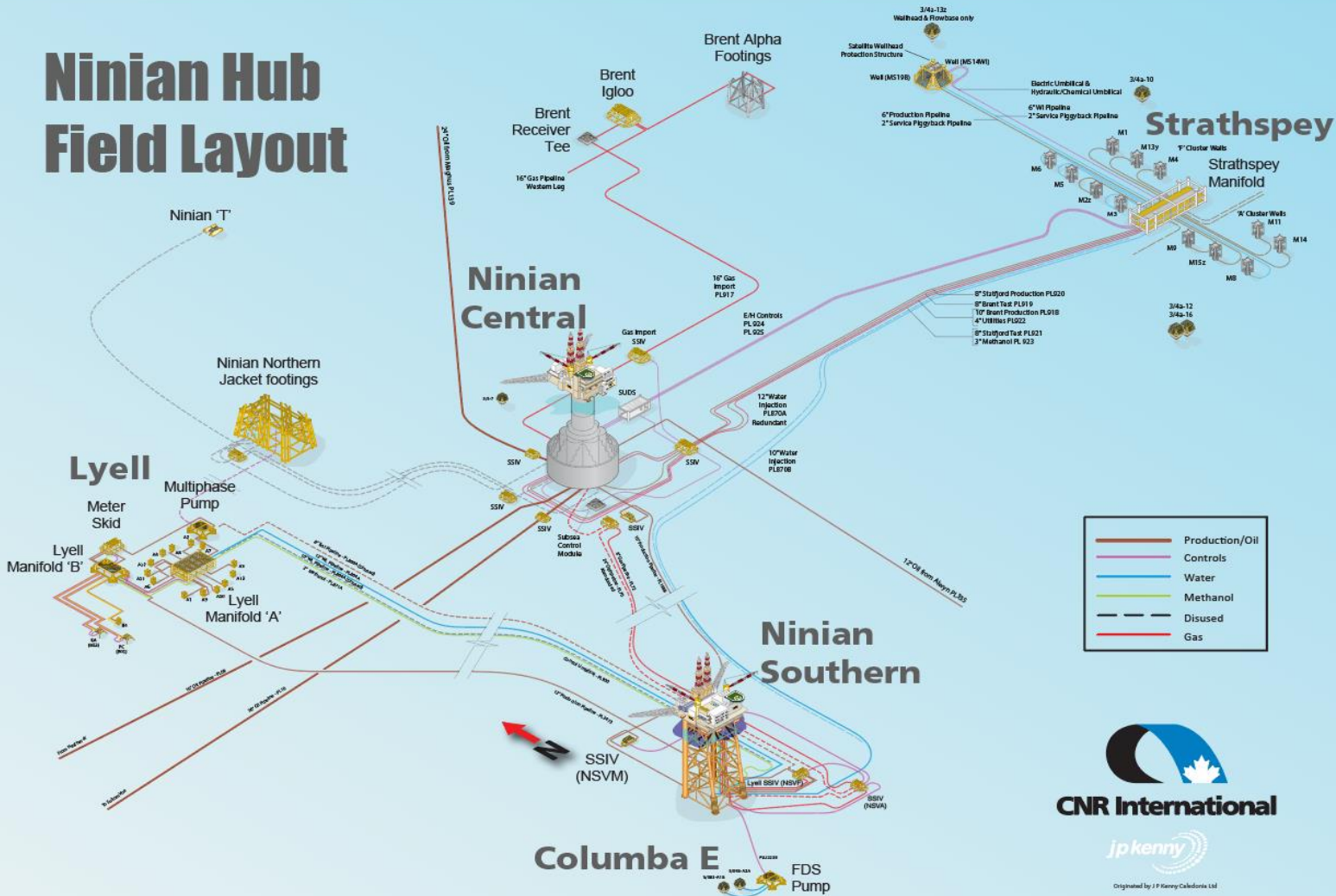


CNR's Decommissioning Value Drivers

- Optimised P&A Duration
 - Maximised pre-CoP
 - Concurrent activity – rig / well services mast / AB1 offline
 - Technology to reduce durations
 - Multi-field efficiency
- Platform Operating Durations
 - Minimise CoP to Downman
 - Simplify Engineer, Down & Clean
 - Balance with right sized ongoing IRM
- Removals
 - Vessel Days
 - Reduced Cutting Durations
 - Multi-field efficiency
 - Repeatable innovation for efficiency & certainty



Ninian Hub Field Layout



CNR International

jp kenny

Originated by J P Kenny Caldera Ltd

Ninian Central Platform

Ninian Northern Platform

Ninian Southern Platform

Lyell Structures

Columbia Location



Ninian Southern Platform (NSP) – CoP mid-2025

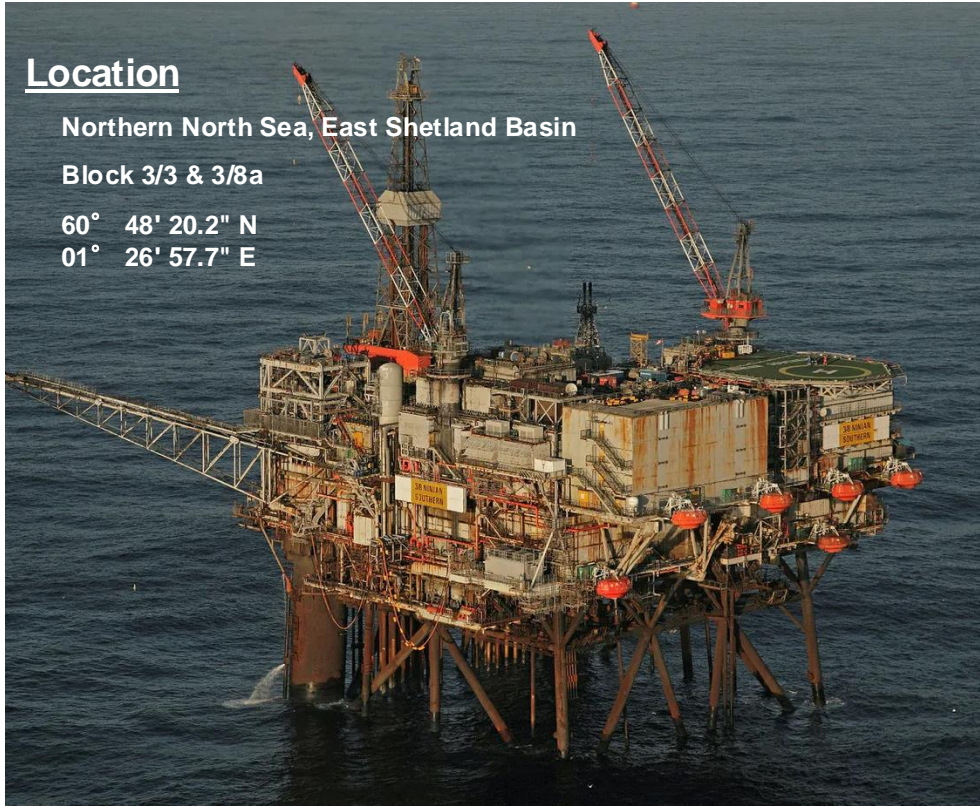
Location

Northern North Sea, East Shetland Basin

Block 3/3 & 3/8a

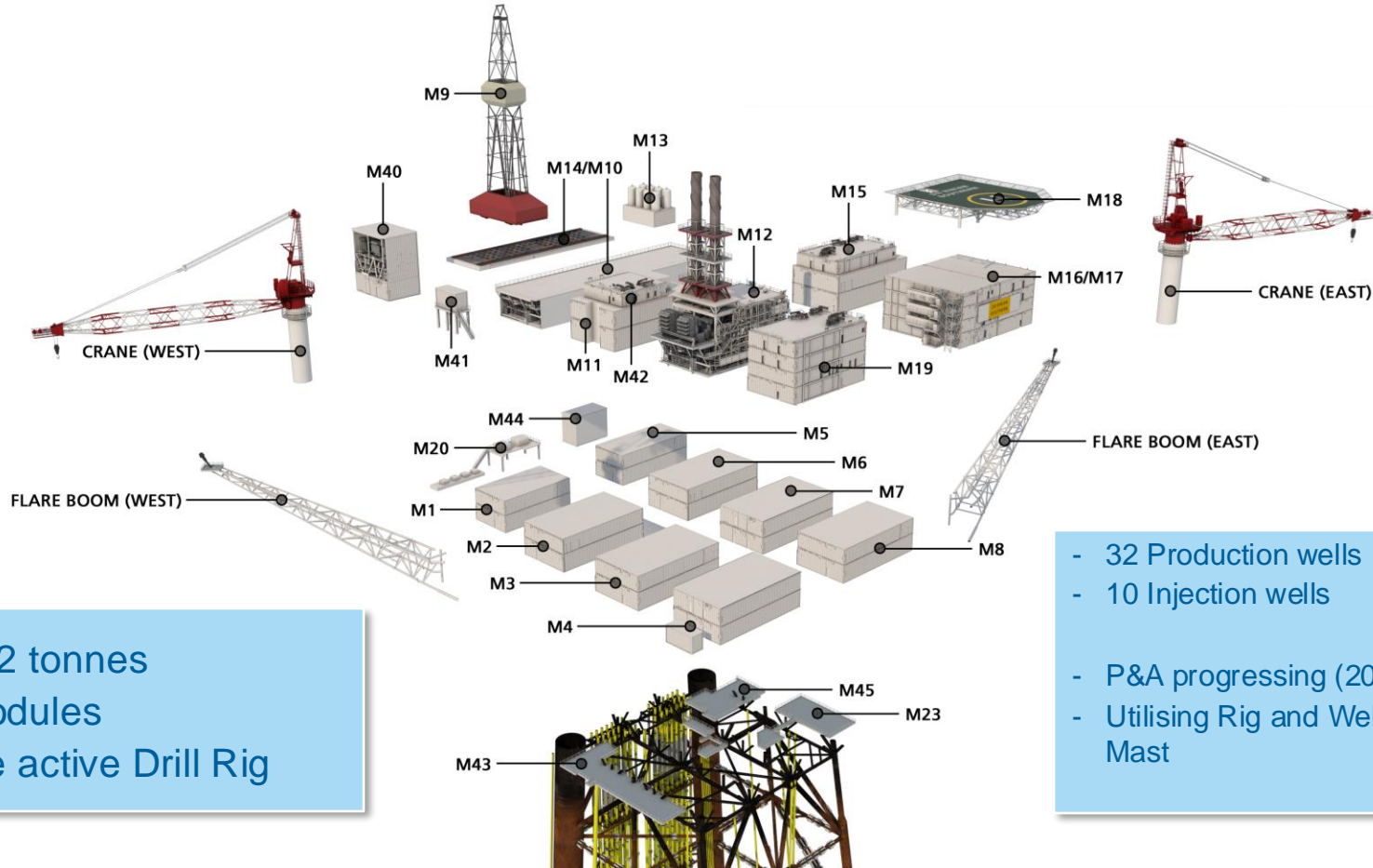
60° 48' 20.2" N

01° 26' 57.7" E



- Discovered March 1974
- First Oil December 1978
- Type
 - Fixed Steel Jacket
 - Supporting drilling & production facilities
 - Accommodation for 200, Average 160-180
- Weight
 - Jacket 17,727 tonnes (dry mass excluding conductors)
 - Topsides 27,522 tonnes
- Water Depth 140m (458ft)
- Oil Export
 - Ninian Southern – Ninian Central - Sullom Voe
- Host for Lyell Field

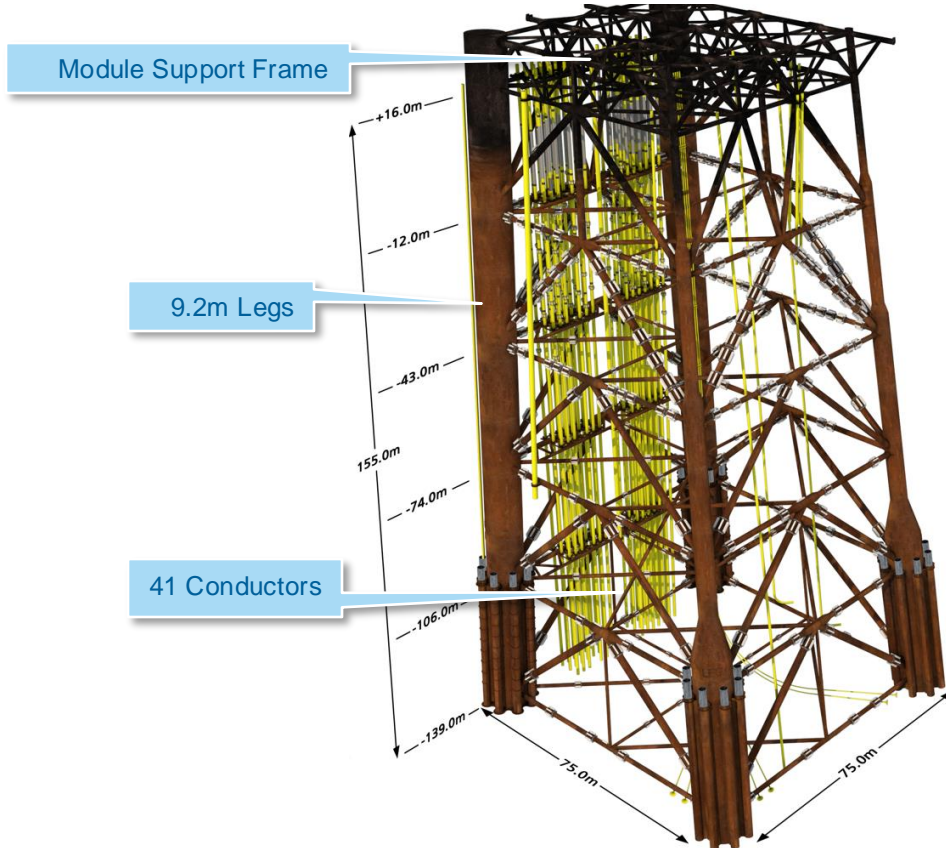
NSP Topsides



- 27,522 tonnes
- 28 Modules
- Single active Drill Rig

- 32 Production wells
- 10 Injection wells
- P&A progressing (2024 – 2026)
- Utilising Rig and Well Services Mast

NSP Upper Jacket



Leaving Nigg Fabrication Yard May 1977

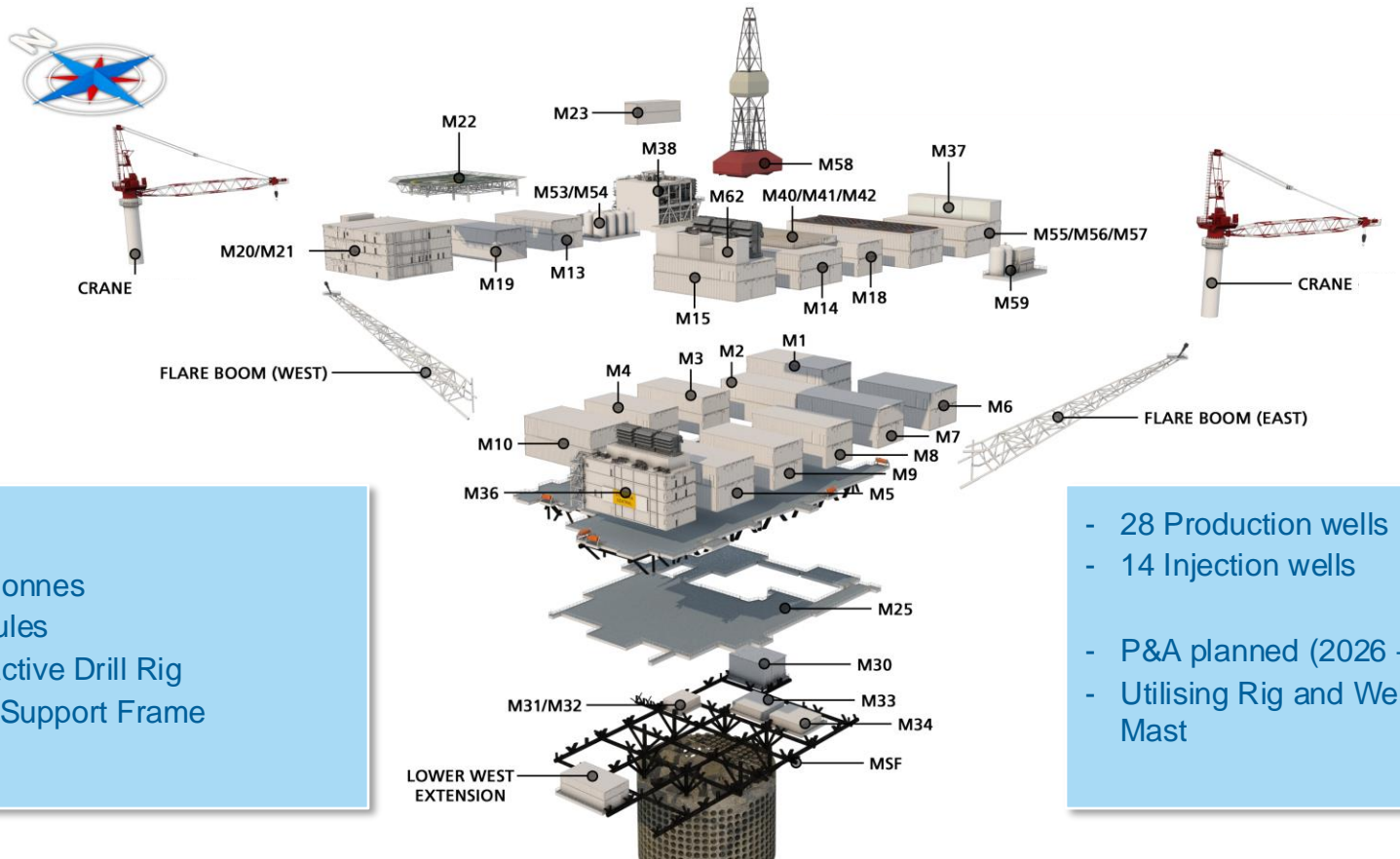
17,727 tonnes (weight in air)
155m high from seabed to Module Support Frame

Ninian Central Platform – CoP June to December 2027

- Discovered March 1974
- First Oil December 1978
- Type
 - Concrete Gravity Base Structure
 - Supporting drilling & production and third-party export facilities
 - Accommodation for 200, Average 160-180
- Weight
 - Jacket 650,000 tonnes (including ballast)
 - Topsides 38,725 tonnes
- Water Depth 133m Oil Export
 - Ninian Central - Sullom Voe Terminal
- Host for third party fields
 - Staffa, decommissioned
 - Strathspey and Orlando – in production
- Exports fluids via Ninian Pipeline System
 - PL10 and facilities on NCP
 - Magnus (EnQuest) and Alwyn (Total)



NCP Topsides



- 38,725 tonnes
- 32 Modules
- Single active Drill Rig
- Module Support Frame

- 28 Production wells
- 14 Injection wells
- P&A planned (2026 – 2028)
- Utilising Rig and Well Services Mast

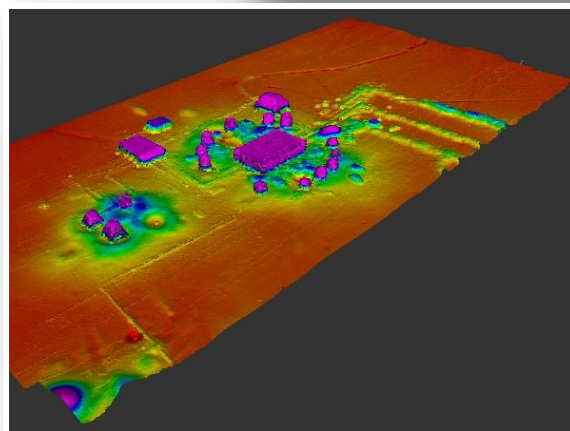
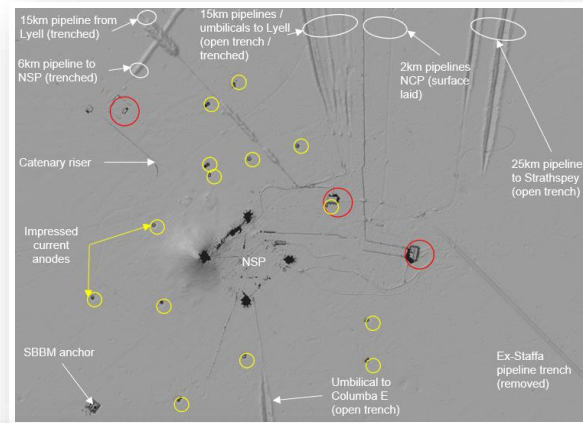
Ninian Subsea

- Subsea Inventory (130-150m depth)

- 11 SSIV structures (20-95 Te)
- 37 pipelines / umbilicals (~400km)
- 6 x 3rd party pipelines / umbilicals
- 25 impressed current anodes (24 Te)
- SBBM anchor (>1000Te)
- 2 anode debris piles

- Well Inventory

- 31 Subsea wells remaining
- 4 E&A wells remaining



Ninian Subsea

- Subsea Manifolds

- Strathspey: manifold, satellite wellhead structure

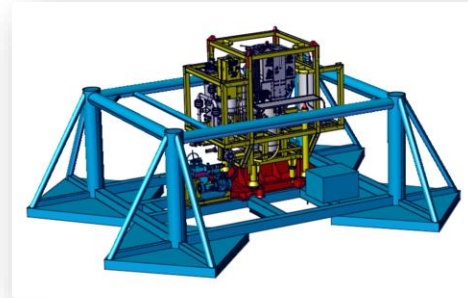
- Manifold (33m x 16m x 8m, ~975 Te)
- Satellite structure (14m x 12m x 9m, ~170 Te)

- Lyell: manifolds, booster pump

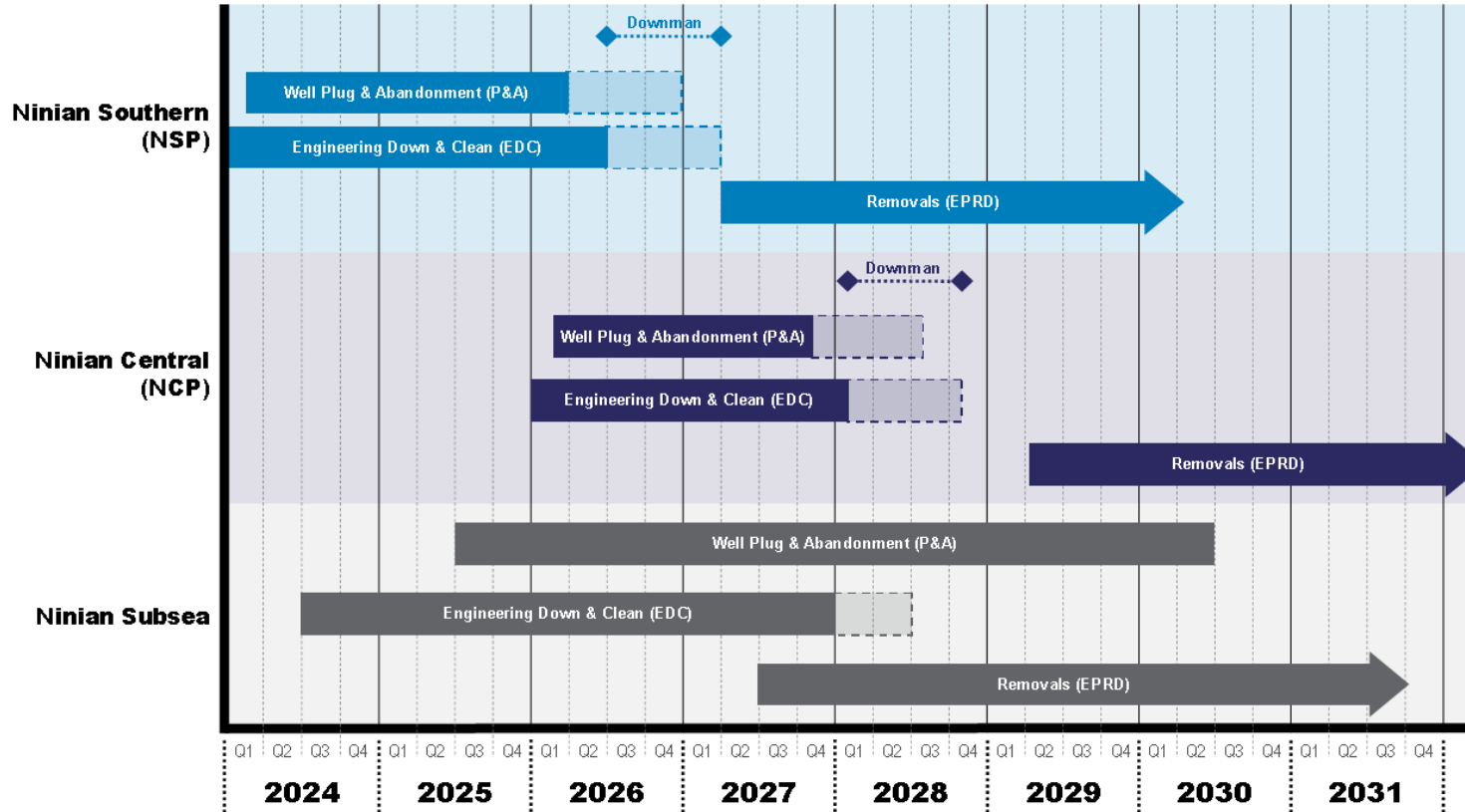
- Manifold A (25m x 15m x 6m, ~500 Te)
- Manifold B (22m x 16m x 5m, ~185 Te)
- Subsea booster pump (17m x 15m x 6m, ~80 Te + 57 Te)
- Subsea meter skid (7m x 5m x 4m, ~67 Te)

- Columba E: subsea pump

- Subsea pump structure (104Te + 110Te)



Ninian Hub Schedule



Indicative and
subject to
regulatory
approval

Why are we here today?

- We are looking for partners
- What CNR International have to offer
 - Volume with longevity of work
 - Technical Challenge
 - Willingness to innovate, be the first
 - Recognition supply chain are the experts
- What CNR International are looking for
 - Partners in delivering class leading decommissioning
 - Benefit of committing volume early
 - Innovation – please try us
 - Technical
 - Commercial
 - Contractual





Canadian Natural

PROVEN • EFFECTIVE • STRATEGY

