

**OEUK HSE Conference 2025**

**Disembarkation: Changing Focus, Resolute  
Commitment to Safety**

6th February 2025

**POWERING A THRIVING FUTURE**

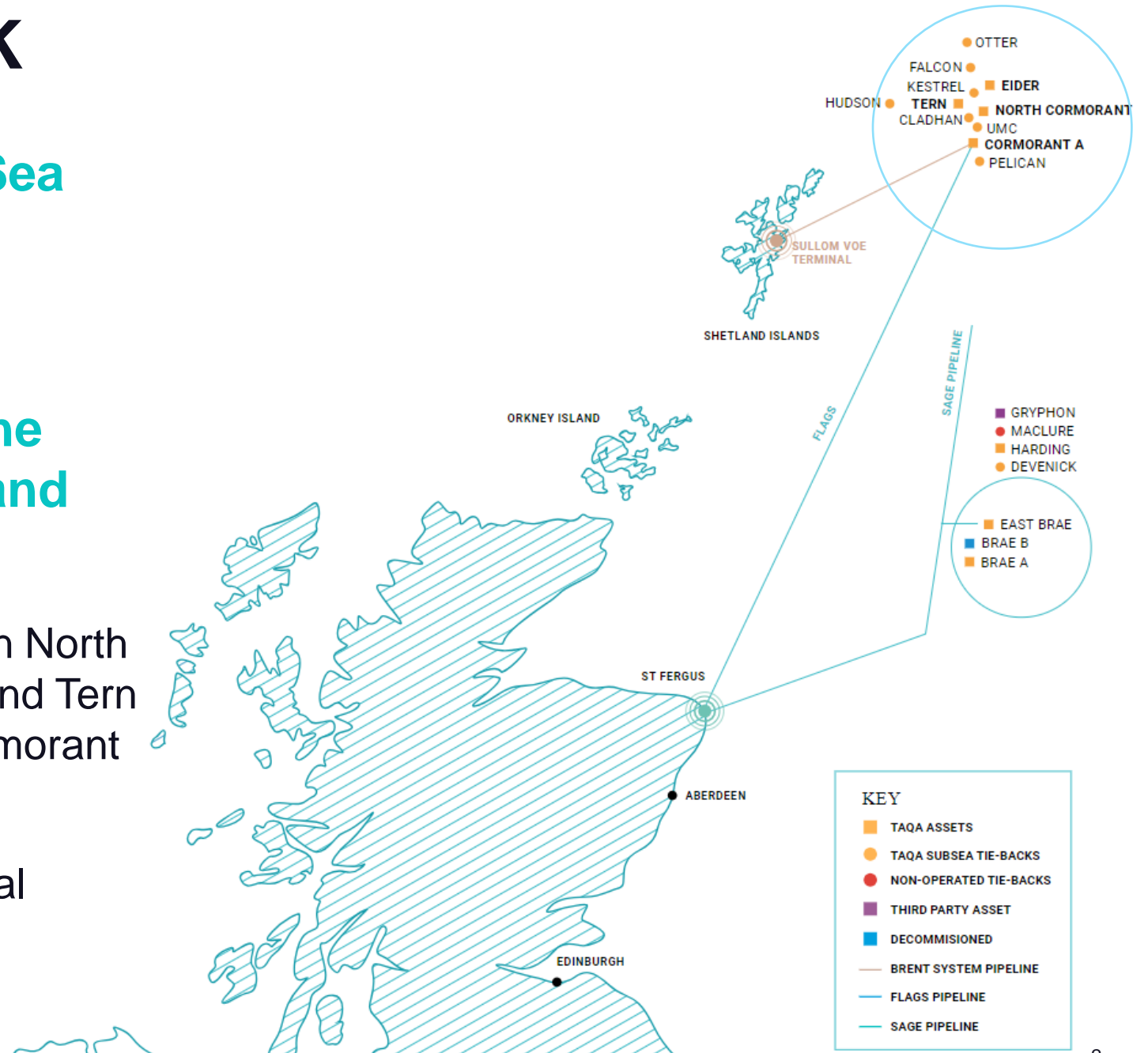


# Introduction to TAQA UK

Since acquiring our first North Sea interests in 2006, TAQA UK has played a significant role in UK offshore oil and gas industry

Today, our portfolio puts us at the forefront of late-life operations and decommissioning

- 2024 - reached CoP at our four Northern North Sea platforms and disembarked Eider and Tern and have since disembarked North Cormorant in January 2025
- Production continues at our three Central North Sea platforms - expected to CoP between 2025 and 2027



# Tern Alpha

## An Overview

Located within East Shetland Basin  
approx. 169km NE of Lerwick

8-legged steel jacket

Topsides weight: ~22,000 Te

Jacket weight: ~19,000 Te

Field discovered in 1976

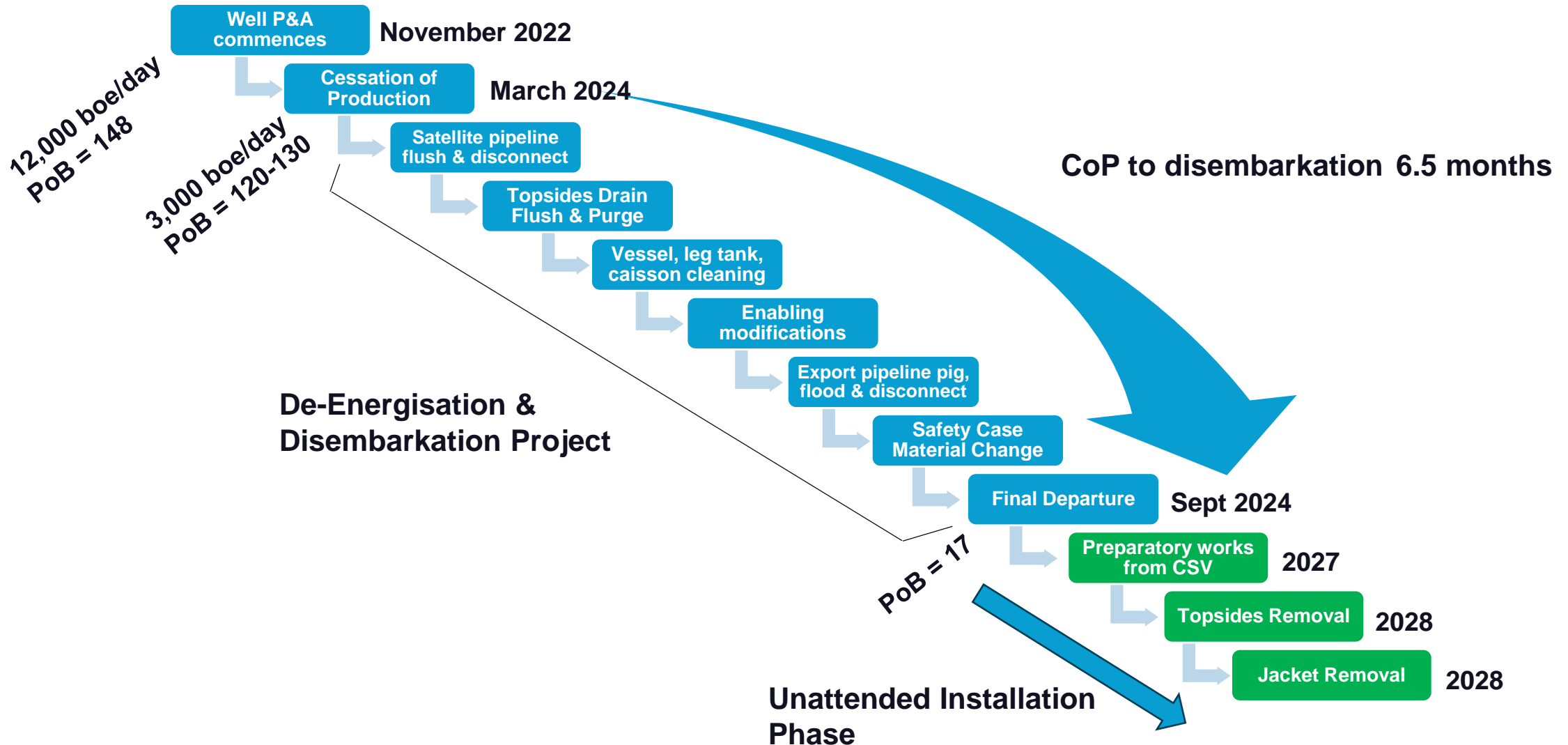
First oil in June 1989

Produced 316 million bbls over 35 years

Produced fluids from 27 native wells and  
Cladhan, Kestrel, Falcon and Hudson  
subsea wells.



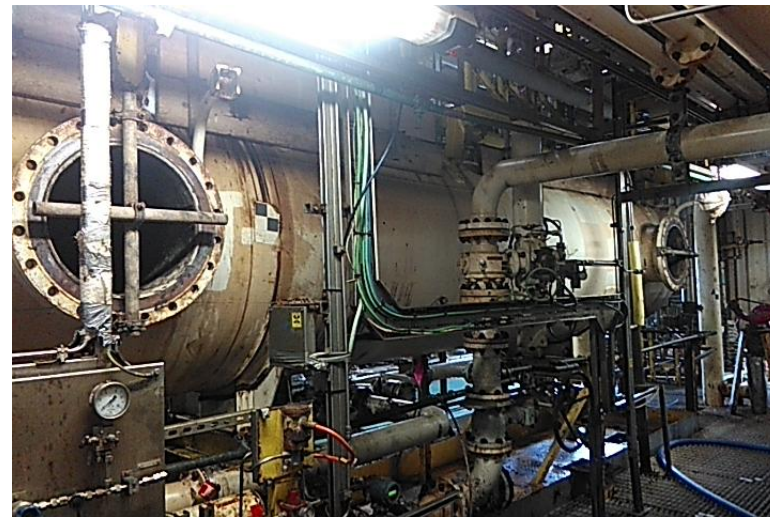
# The Journey to Disembarkation





# De-Energisation Phase

- Satellite field flushing & disconnection
- Topside DFPV
- Specialist cleaning scopes
- Import/export pipeline cleaning
- Stored energy removal





# Enabling Modifications

## To support disembarkation phase

- Temporary power generation
- Temporary diesel storage
- Hazardous drains modifications

## To support Unattended Installation phase

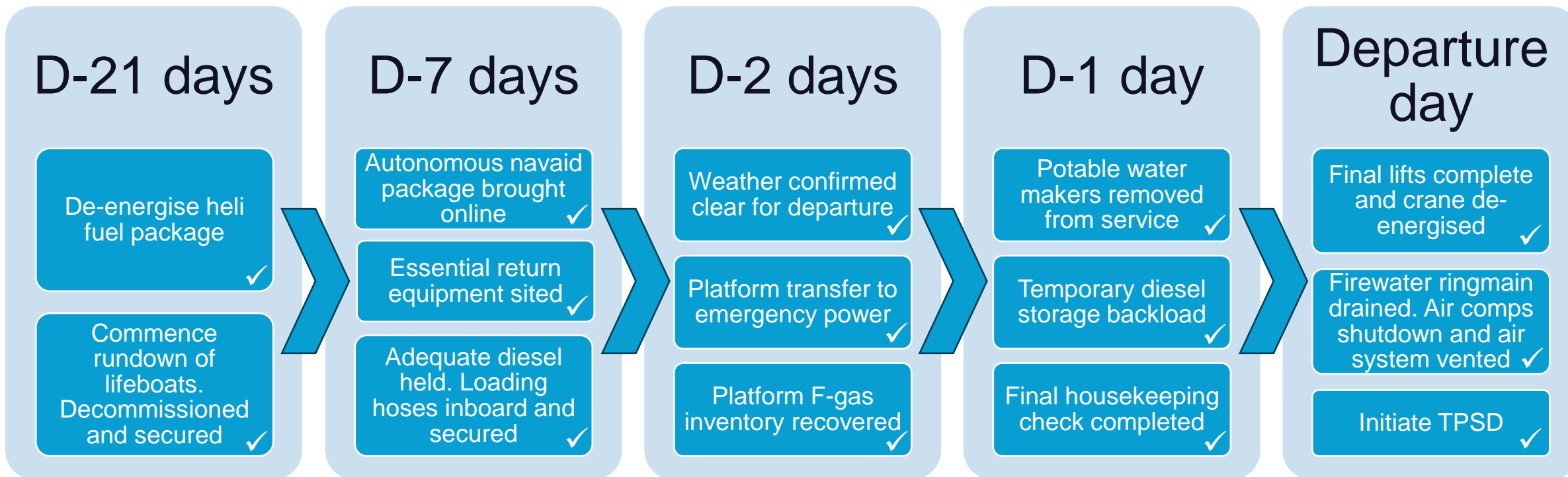
- Autonomous navigational aids for UI
- Bird deterrents
- Gangway landing
- Alternative crane boom rest



# Disembarkation Phase

## Process and Procedure

- **Challenge:** Develop a procedure that ensures a safe and controlled departure from the asset
- **Considerations:** What needs to be done? When can it be done? Who will do it?
- **Solution:** The Final Departure Procedure





# Tern Alpha Disembarkation Phase – Critical System Run Down

Power generation  
Diesel

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Fire water  
ESD & F&G

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Heli-fuel  
Helideck foam

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Cranes  
Lifeboats

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Instrument air  
Plant air  
Nitrogen

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Service water  
Potable water

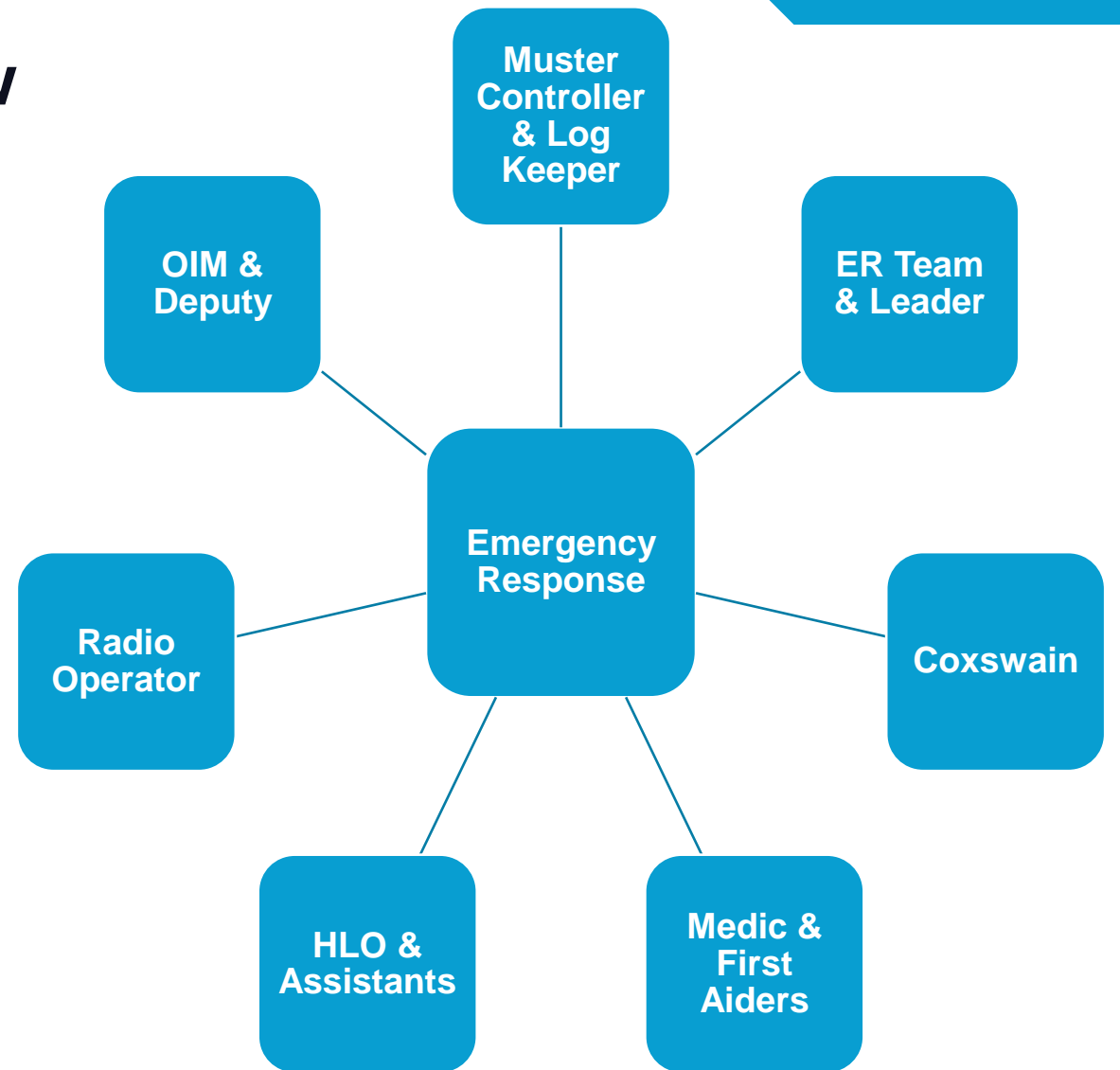
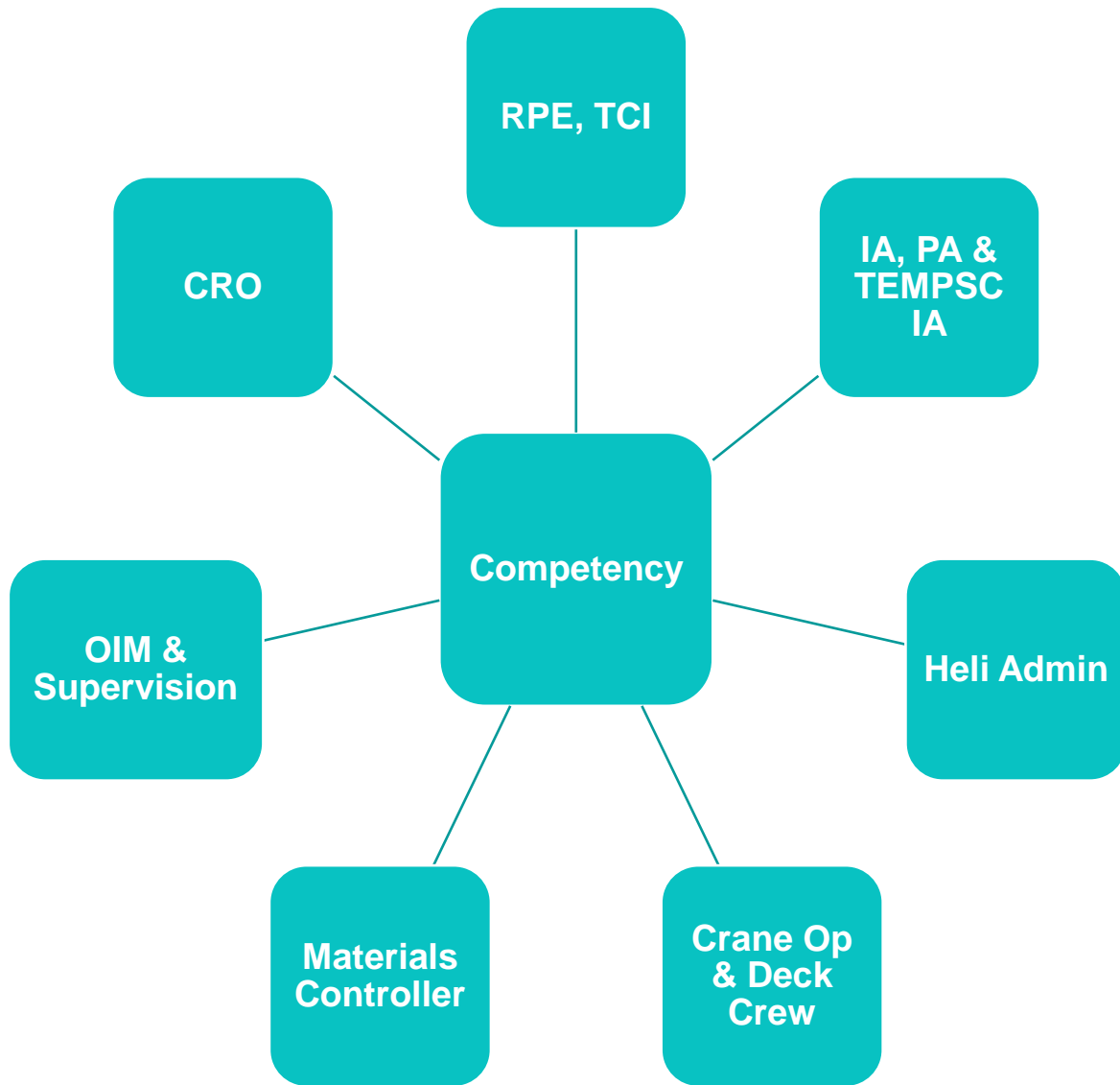
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Laundry  
Galley





# Disembarkation Phase – Final Crew



# Disembarkation Phase – Logistics and Diesel Management

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PSVs and deck planning  
Neighbouring asset support  
Weather  
Helicopters

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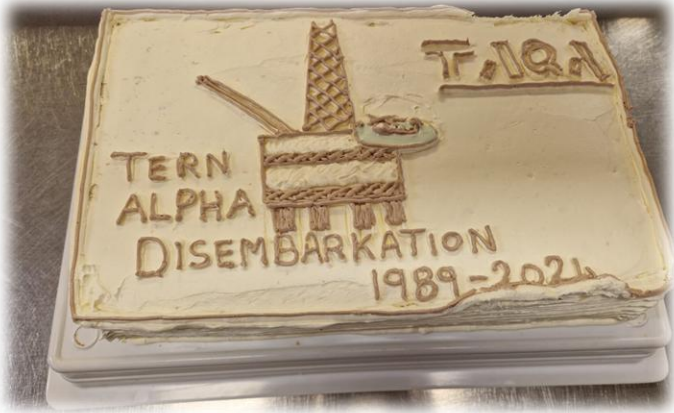
Diesel management strategy  
Load management  
Contingency planning

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# Disembarkation Phase - People



# Changing Focus, Resolute Commitment to Safety

## Success factors

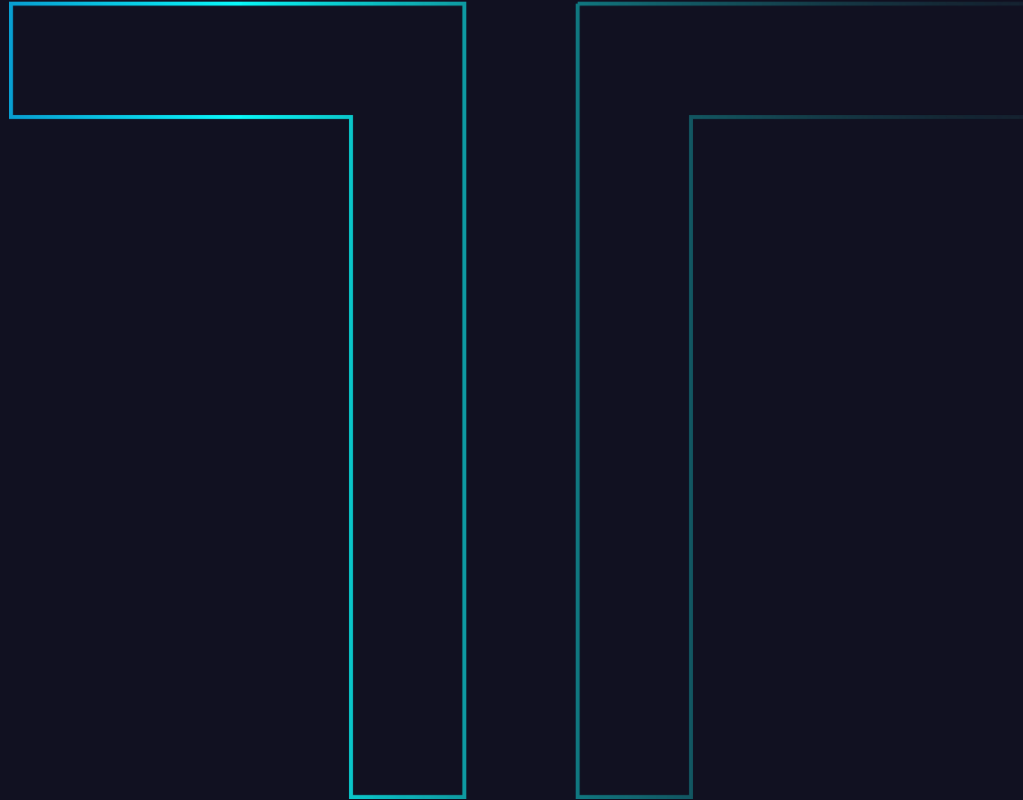
Clarity	<ul style="list-style-type: none"><li>• Process and procedure</li><li>• Effective planning</li></ul>
Collaboration	<ul style="list-style-type: none"><li>• Everyone plays a part</li><li>• Sharing of knowledge</li></ul>
Competency	<ul style="list-style-type: none"><li>• Use of existing skills and knowledge</li><li>• Multi skilled team</li></ul>
Communication	<ul style="list-style-type: none"><li>• Workforce &amp; stakeholder engagement</li><li>• Empathy</li></ul>



**TERN**  
**D&D**

**Excellence in  
Decommissioning**





**THANK YOU**