CASE STUDY

A-Fields Decommissioning

The A-Fields decommissioning project, situated in the southern North Sea, marked a significant endeavor for Spirit Energy. With the cessation of production in 2016, Spirit Energy embarked on the challenging task of decommissioning subsea tiebacks and unmanned installations. This endeavor, spanning across the Ann, Alison, Annabel, Audrey XW, and WD facilities (A-Fields), demanded a strategic approach to ensure regulatory compliance, cost-effectiveness, and environmental responsibility.

REGULATORY COMPLIANCE | COST EFFICIENCY | ENVIRONMENTAL RESPONSIBILITY

THE CHALLENGE

Spirit Energy sought a partner to guide them through the complexities of the A-Fields Late Life Strategy and Decommissioning project. Their requirements were multifaceted, ranging from comparative assessment and regulatory compliance to contractor management and execution support. Spirit Energy needed a trusted advisor to steer the project from conceptualisation to execution, ensuring alignment with regulatory standards and cost-efficient practices.

OUR SOLUTION

PDi stepped in as the strategic partner to Spirit Energy, providing a holistic approach to project management and execution. Leveraging a multi-disciplinary team, PDi offered comprehensive support across various domains, including front-end planning, regulatory compliance, and execution oversight. Their tailored solutions addressed each aspect of the decommissioning process, ensuring a seamless transition from concept to completion.

FRONT END SUPPORT

- **Liability Estimates:** Accurate assessments of financial obligations associated with decommissioning activities.
- **Option Selection Studies:** Development of cost-effective decommissioning approaches through detailed analysis.
- **Scheduling and Methodology:** Designing efficient execution plans while prioritising safety and environmental standards.
- **Transition of Duty Holder:** Seamless handover support to ensure continuity and minimise disruptions.
- **Safety Case Modification:** Aligning safety cases with decommissioning requirements to ensure regulatory compliance.

REGULATORY SUPPORT

- **Inventory and Data Gathering:** Assisting in comprehensive data validation for regulatory compliance.
- **Survey and Analysis:** Assessing environmental and operational factors to inform decision-making.
- **Decommissioning Programme Development:** Developing strategies and methodologies for efficient project execution.
- **Engineering Support:** Providing technical feasibility assessments and ensuring compliance with regulations.
- **Stakeholder Engagement:** Facilitating collaboration among relevant parties and addressing concerns throughout the project.

EXECUTION SUPPORT

- **Ongoing Planning and Support:** Continued guidance for future decommissioning operations planning.
- **Controls and Monitoring:** Oversight of reconfiguration engineering and management for smooth execution.
- **Transition Assistance:** Support for transitioning to operations and maintenance models suited for decommissioning.
- **Technical Documentation Delivery:** Providing vital technical documentation for execution, including pipeline status reviews, corrosion assessments, and more.
- **Discipline Engineering and Contractor Management:** Ensuring efficient coordination and management of involved parties.
- **W2W Campaign Management:** Overseeing W2W campaign management for efficient operations.
- **Facilities Removal Management:** Managing the removal of platform and subsea facilities, adhering to project objectives.

CONCLUSION

By providing comprehensive support across all phases, PDi ensured regulatory compliance, cost-effectiveness, and environmental responsibility. Our expertise and dedication have enabled Spirit Energy to navigate the complexities of decommissioning with confidence, ultimately facilitating the safe and environmentally responsible closure of the A-Fields facilities.

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