**Jacket Removal, Thailand**

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| **Project** | **Technology** | | **Waste Management** | | **Operator** | | **Cleaning** |
| **Well P&A** | | **Disconnection** | | **Removal & Lifting** | | **Other (Please Specify)** | |

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| **Company Details** | | |
| Company Name | James Fisher Offshore |  |
| Email | [info@fisheroffshore.com](mailto:info@fisheroffshore.com) |
| Tel no. | +44 1651 873932 |

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| **Overview (max 250 words)** |
| James Fisher Offshore (JFO) are proud to have supported Sapura Energy and Chevron Thailand Exploration and Production Ltd with the first ‘Rigs to Reef’ project in Thailand - an initiative where idle platforms are relocated to create artificial reefs, serving as a valuable habitat for marine life.  Operating in the Gulf of Thailand, JFO successfully cut and removed 7 platforms and associated pipelines, completing the project 3 weeks ahead of schedule.  JFO scope of supply included the following equipment, ensuring the most effective, as well as the safest means to cut and remove the various materials:  • Internal abrasive water jet cutting system (AWJC)  • Internal soil plug removal tool  • Diamond wire saw  • Chop saw  • Twin recovery grabs |

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| **Challenge (max 250 words)** |
| JFO scope of service included:  • Cut and removal of risers and subsea spools  • Soil plug removal  • Cut and removal of subsea jackets  • Cut and recovery of associated pipelines  Project scope specified use of an internal cutting system with capability to cut the piles to a minimum of 5mtr below seabed level. The piles were known to contain heavy soils and these needed dredged prior to commencing cutting. Furthermore, the risers and cross member braces required to be cut externally at very specific locations, with challenging access, for optimal recovery and reef placement. |

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| **Solution (max 250 words)** |
| JFO created immediate cost and time savings for the client by mobilising from its base in Malaysia. To further enhance project expediency JFO utilised a deployment frame to deploy the cutting head, thus freeing up the vessel crane to simultaneously carry out the pile dredging. Excavation was launched on the soil plug inside the pile utilising JFO’s bespoke soil plug removal tool to provide clearance for the AWJC to perform the clients required severance. For the external cuts some of the access points were more challenging than anticipated and a combination of tools were required, including a chop saw and diamond wire. This reactive adaptability proved critical in being able to overcome the project obstacles. |

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| **Results (max 250 words)** |
| The project was delivered without incident and ahead of schedule. The utilisation of simultaneous operations with the dredging and internal cutting spread greatly aided in this outcome, whilst JFO’s ability to deploy multiple external cutting tools concurrently generated significant efficiencies.  JFO’s highly experienced project and engineering teams delivered the full JFO scope of service, supported by a specialised core team of offshore personnel. With extensive experience on similar scopes of work, our team work to the highest standards of quality and safety and communicate fully with vessel crew from riggers to client representatives. Our offshore technician David Allan was acknowledged on the project for his work ethic and received a stand up for safety award, presented to him by the Chevron HES superintendent of Chevron Thailand. |

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| **Additional Requirements: Please provide the following items (where applicable) to accompany your case study submission** |
| * Company Logo * Project Images – 2x high quality jpeg (minimum file size 500kb each) * Project video – Please upload to video sharing service Vimeo and insert the embed code below  |  | | --- | |  |  * Further information – please attach any further Project PDF’s that provide additional information about the project * Additional web links – Please include any website links to additional about the project  |  | | --- | |  | |