

PROJECTS TRACK RECORD

| CLIENT | PROJECT | COUNTRY | CLASS SOCIETY | WATERDEPTH | DESCRIPTION OF PROJECT | TYPE | YEAR |
|----------------|------------------------|-------------------|---------------|------------|--|------|------|
| BSES | Royal Malaysian Navy | Malaysia | ~ | 25 m | <ol style="list-style-type: none"> Design of subsea component Offshore installation procedures Offshore Installation design and calculation Structural design of support & lifting frames Technical Management of the project Supply of manpower for offshore installation | | 2023 |
| SEAGULL GROUP | General | Singapore | ABS | ~ | <ol style="list-style-type: none"> Structural design of support systems for subsea matt. | | 2023 |
| LNG EASY | MFP | Malaysia | ABS | 25 m | <ol style="list-style-type: none"> Design of Mooring Buoys Mooring system design Design of Floating Platform Design of flexible hose system Design of Tripod General Naval Architecture | | 2023 |
| BLUESEAS | Shell CPRP-07 | Brunei | ~ | 25 m | <ol style="list-style-type: none"> Design of ballast clamps for subsea 6" flowline | | 2023 |
| UTS | General | Singapore | ABS | ~ | <ol style="list-style-type: none"> Design of SPHLM Platform | | 2023 |
| Boskalis | FPSO Armada Sterling V | India | ABS | 400 m | <ol style="list-style-type: none"> Design of Offshore installation hang off platform and incorporation into the Installation vessel for the subsea flexibles' installation. | | 2022 |
| Bureau Veritas | FPSO Armada Sterling V | Singapore / India | ABS | 400 m | <ol style="list-style-type: none"> Independent review of the SPOG FPSO marine and oil and gas systems for sail away status and readiness from the yard Independent review of the commissioning status of marine, vessel and process systems. Independent review of classification Society status. Independent review of the health Safety and Environment plans, HAZOP's, etc. | | 2022 |
| Boskalis | Boko Tiamat | Singapore | ABS | ~ | <ol style="list-style-type: none"> Design review of crane boom support structure and FEA | | 2022 |

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| SEAGULL GROUP | Vessel refurbishment | Singapore | ABS | ~ | <ol style="list-style-type: none"> Piping design and lay-out Piping isometrics Piping drawings | | |
| Indian Navy / METS | Floating Dock | India | LR | 20 m | <ol style="list-style-type: none"> Engineering, analysis and procedures for the unmooring and relocation of the dock Procedures adapted to the existing vessel spread Towing of Floating dock Relocation of Floating dock along the quay side Offshore Construction Manager on-site for the offshore phase | | 2022 |
| Vestigo / Vantage | MAMPU-1 FPSO Nautica-Muar FSO | Malaysia | DNV | 75 m | <ol style="list-style-type: none"> Procedures, engineering & analysis for mooring retrieval, mooring system installation and relocation of FPSO / FSO Procedures, engineering, analysis for riser retrieval & hook-up at FPSO & Platform Offshore Construction Manager offshore on-site | | 2022 |
| ECA | Gen-Set | Malaysia | ~ | ~ | <ol style="list-style-type: none"> Client representative during the FAT | | 2022 |
| Yokohama Rubber Co | CALM Buoy Hoses | Japan | ~ | 100 m | <ol style="list-style-type: none"> CALM Buoy system hose design Complete Subsea Hose static & dynamic analysis and design Subsea design of hose and ancillary equipment, buoys etc. | | 2022 |
| ECA Vantage BSES | Subsea Equipment | Malaysia | ~ | 25 m | <ol style="list-style-type: none"> Design of installation frames (100 MTon) Engineering, design, analysis of subsea installation Engineering design and analysis of subsea cable installation (10 km) | | 2021 / 2022 |

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| Yokohama Rubber Co | CALM Buoy Hoses | Indonesia | ~ | 50 m | <ol style="list-style-type: none"> CALM Buoy system hose design Subsea Hose static analysis | | 2021 |
| MOOREAST | Klang River Rubbish collector | Malaysia | ~ | 10 m | <ol style="list-style-type: none"> Mooring analysis of vessel Analysis of floating booms Review design suitability Installation requirements & procedures | | 2021 |
| BWO / SEAGULL | FSRU | Singapore | DNV | NA | <ol style="list-style-type: none"> Design and engineer of pump support system for LNG tanks Integration of support with existing tanks | | 2021 |
| SAIPEM | Barges | Thailand | ABS | 20 m | <ol style="list-style-type: none"> Engineering support for offshore installation Engineering, procedures, drawings, analysis | | 2020 |
| James Fischer / Kris Energy | Apsara Field | Cambodia | ABS | 80 m | <ol style="list-style-type: none"> Supply of Offshore construction Manager and project engineer for offshore installation Design of riser and power cable hang-off balcony at the platform. Offshore installation of risers and Power cable OCM & Engineers for the installation | | 2020 |
| Yokohama Rubber Co | CALM Buoy Hoses | Japan | ~ | 100 m | <ol style="list-style-type: none"> CALM Buoy system hose design Complete Subsea Hose dynamic analysis and design FSO Complete floating Hose analysis | | 2020 |

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| LNG EASY | MFP | Myanmar | ABS | 10 m | <ol style="list-style-type: none"> 1. Mooring & SURF Installation, hook-up, and commissioning engineering of an LNG Floating platform for the connection with an LNG Tanker as FSU 2. Installation and commissioning Management 3. Installation and commissioning manager of the MFP | | 2020 |
| SOA / Hyundai (HOB) | CALM Buoy | Korea | ABS | 34 m | Review of life remaining in mooring chain. <ol style="list-style-type: none"> 1. Review of chain thickness report 2. Calculating and establishing the chain remain Life from a strength point of view 3. Calculating and establishing the chain remain Life from a fatigue point of view 4. Procedures for changing out chain segments 5. Approval from Class Society for the change out proposed. 6. Chain tensioning system engineering, analysis, procedures and drawings 7. Offshore installation analysis and procedures 8. Structural modifications design & engineering | | 2020 |
| Yokohama Rubber Comp. | MVS | Vietnam | ABS | 90 m | <ol style="list-style-type: none"> 1. Dynamic analysis of offloading hose when free floating behind FPSO 2. Dynamic analysis of offloading hose when looped back behind FPSO 3. Dynamic analysis of offloading hose when used in Tandem FPSO – Shuttle tanker 4. Loads from floating hose on full system. | | 2020 |
| UTS / CORTEZ | Offshore Installation | Singapore | DNV | 500 m | <ol style="list-style-type: none"> 1. Structural design and engineering of requirements and changes for the VLS system to be loaded on board the installation vessel, for the SURF installation of flowlines and risers 2. Integration of new system with existing systems | | 2020 |
| Amaniaga | CALM Buoy | Malaysia | ABS | 30 m | <ol style="list-style-type: none"> 1. Detailed Mooring Analysis, including Fatigue for CALM Buoy 2. Review of requirements for upgrade of buoy. 3. Procedures for installation | | 2019 |

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| Blueseas Energy / EA Technique | TST SEPAT - C | Malaysia | LR | 53 m | <ol style="list-style-type: none"> Detailed Riser and flowline design Field lay-outs Fabrication of components Management of Riser / flowline system | | 2019 |
| T7GLOBAL / CHOC | FSO Puteri Cakerawala | Malaysia | ABS | 55m | <ol style="list-style-type: none"> Detailed design of offloading floating hose system. Dynamic analysis and resonance analysis of floating hose during offloading and during extreme conditions. | | 2019 |
| Amaniaga | CALM Buoy | Malaysia | ABS | 30 m | <ol style="list-style-type: none"> Inspection of CALM Buoy prior to removal Engineering, stability, and dynamic analysis for Calm Buoy removal and Tow out. Decommissioning procedures Support personnel for the preparation of the Tow out Tow-out and delivery to quay side. | | 2019 |
| MOPU HOLDINGS | Temporary Storage Tanker | Malaysia | ABS | 60 m | <ol style="list-style-type: none"> Reinstatement of Mooring System Complete analysis design checks and reviews for the mooring system Complete Installation procedures and on-going review | | 2019 |
| SOA / Hyundai (HOB) | CALM Buoy | Korea | ABS | 34 m | <ol style="list-style-type: none"> Hydrodynamic analysis of CALM Buoy Complete Mooring analysis, design and engineering, fatigue assessment etc. Riser analysis, design and engineering Detailed Installation Procedures | | 2019 |
| HESS Exploration & Production | FSO | Malaysia | ABS | 56 m | <ol style="list-style-type: none"> On going Technical and Marine Consultancy | | 2019 |
| LNG-EASY | FSRU-Barge | Singapore / Indonesia | ABS | 25 m | <ol style="list-style-type: none"> FEED for the development of a Regassification LNG Barge to be moored and to receive offloading LNG vessels, and transfer gas to power plants on-shore. Naval Architecture, Motion analysis, stability checks. Structural design of the barge. | | 2018-2019 |

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| HESS Exploration & Production | FSO | Malaysia | ABS | 56 m | <ol style="list-style-type: none"> DEEPBLUE was appointed as the overall Technical and Managerial consultant for the engineering of the offshore installation. Multiple DB personnel were appointed as the overall HESS Transport & Installation Management, in order to manage the different subcontractors from a technical and managerial point of view onshore and during the offshore campaign for the FSO, mooring and SURF Installation. Including flowline lay, mooring installation and hook-up, SAT diving etc. | | 2018 |
| CAFHI | Jet-fuel offloading terminal | Singapore | ABS | 15 m | <ol style="list-style-type: none"> Design and engineering of the mooring system for several size tankers for the offloading of cargo. Design and engineering of the Hose and SURF system for the offloading of the cargo at the terminal. | | 2018 |
| HESS Exploration & Production | Temporary Storage Tanker | Malaysia | ABS | 56 m | <ol style="list-style-type: none"> Complete EPIC contract of the Temporary Storage Tanker. Design of the mooring system for a Temporary Storage Tanker (TST) for condensate storage. Design of the subsea flowline, riser and hose system for condensate transfer from Central Processing Platform (CPP) to the TST. Design of subsea support bases and gravity systems. Upgrading of 6-point mooring system to 8-point mooring system to increase the operability. Structural modifications to install 2 chain stoppers and 1 QRH at the stern of the TST. Installation engineering for the tanker, mooring and SURF. Provision of all personnel for installation, management, Flowline installation management EPIC of the Offshore installation of the tanker, mooring system and SURF. Offshore TST changeout of 6-point moored tanker with a new 8-point moored tanker. Design engineering and offshore procedures for offloading of condensate. | | 2017-2018 |
| JMUS | Floating Dock Installation | India | LR | 25 m | <ol style="list-style-type: none"> Installation engineering and procedures for mooring installation and hook up. Offshore installation of the mooring system. Offshore Personnel support during the installation. | | 2017 |

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| Compass Energy | Stability analysis – LNG vessel | Singapore | LR | - | <ol style="list-style-type: none"> 1. Stability analysis for the LNG Fortune 2. Stability analysis for the LNG Lucky | | 2017 |
| Amaniaga | Offshore Installation | Malaysia | ABS | 70 m | <ol style="list-style-type: none"> 1. Design of installation aids 2. Structural FEA analysis and incorporation into vessel 3. Full design drawings | | 2017 |
| SPT Offshore | Accommodation barge | Netherlands / Malaysia | ABS | 73 m | <ol style="list-style-type: none"> 1. Field lay-out and mooring system design. 2. Mooring analysis and design for a construction support barge. 3. All engineering drawings for the design and installation. | | 2017 |
| LNG Link | FSRU | Indonesia | - | 4 to 10 m | Feasibility and FEED study at multiple locations for <ol style="list-style-type: none"> 1. Mooring system 2. SURF and Hose system 3. Budgets and project execution. | | 2017 |
| ECA (France) | Subsea Design | Malaysia | BV | 20 m | <ol style="list-style-type: none"> 1. Design and engineering of subsea support system, templates, frames etc. 2. Installation engineering and design of subsea templates. 3. Procedures for Offshore installation of subsea templates. 4. Offshore management and engineering support by DEEPBLUE personnel. | | 2017 |
| Anglo Eastern Shipmanagement | Gas Concord | Singapore | BV | 120 m | <ol style="list-style-type: none"> 1. Decommissioning Support to Client at shipyard of an LPG Carrier. 2. Perform stability review of the vessel. 3. Perform lightship measurement and calculations. 4. Obtain stability sail away approval from BV. | | 2017 |
| Yinson | FPSO | Singapore | ABS | 300 m | <ol style="list-style-type: none"> 1. Review of mooring proposals performed by others 2. Review of hydrodynamics performed by others | | 2017 |

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| Coastal Energy | Banang Field | Malaysia | ABS | 70 m | <ol style="list-style-type: none"> 1. Engineering & Detailed design of a temporary mooring system for the tanker. 2. Detailed installation procedures, analysis and drawings. 3. MWS approval 4. Offshore Installation management and engineering execution by DEEPBLUE personnel | | 2016 |
| Coastal Energy | Kappal Field | Malaysia | ABS | 70 m | <p>Mooring decommissioning of Storage Tanker and Offshore de-installation detailed engineering and design and execution:</p> <ol style="list-style-type: none"> 1. Detailed design and engineering of removal of the mooring system. 2. Detailed de-installation procedures, analysis and drawings. 3. Offshore removal of Tanker 4. MWS approval 5. Offshore management and engineering support by DEEPBLUE personnel | | 2016 |
| CAFHI | Vessel Terminal | Singapore | ABS | 15 m | <p>Detailed design and Engineering:</p> <ol style="list-style-type: none"> 1. Mooring system design and analysis for loading vessel. 2. Mooring design and analysis for vessel along the quay side. 3. Naval Architectural review of the vessel with respect to the components and systems required for Mooring. 4. Drawings, analysis, procedures. 5. Installation procedures. | | 2016 |
| Mitsui | Floating Windmill | Japan | DNV | 70 m | <p>Detailed Engineering and design for a floating windmill:</p> <ol style="list-style-type: none"> 1. Naval Architectural requirements 2. Mooring and anchoring system 3. Suction piles and drag anchors design 4. Installation procedures and engineering review 5. Cost estimation for mooring system and installation | | 2016 |

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| ECA (France) | Jacket | Malaysia | API | 20 m | FEED for Jacket: <ol style="list-style-type: none"> Design and Engineering of Jacket Structural design and Jacket in place stress analysis Geotechnical design for jacket stability and strength | | 2016 |
| Dolphin Drilling/Viking | Mooring Analysis | Indonesia | ABS | 30 m | Detailed design and Engineering: <ol style="list-style-type: none"> Mooring analysis of drill ship with Class / MWS approval Drawings of mooring system and field layout Installation specification for the mooring systems | | 2015 |
| Confidential | FSO, subsea system and semi-submersible | India | ABS | 60 m | Expert witness to the Arbitral Tribunal in Delhi, India for all technical matters comprising: <ol style="list-style-type: none"> Mooring System. Subsea System. Offshore Installation. Offshore Operations. Emergency operations. Analysis and simulations of System failure and vessel behaviour. Preparation of Affidavits for the Arbitral Tribunal and representation in court. | | 2015 |
| GLOCAL | Floating Windmill | Japan | DNV | 70 m | Detailed Engineering and design for a floating platform: <ol style="list-style-type: none"> Naval Architectural requirements Hydrodynamics Mooring design and anchoring system Suction piles and drag anchors design Installation procedures and engineering review Cost estimation for mooring system and installation | | 2015 |

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| ING – Bank | FPSO OSX-2 Decommissioning and lay-up | Indonesia | ABS | 15 m | Decommissioning and lay-up for the mooring system, design & engineering: <ol style="list-style-type: none"> 1. Decommissioning of the mooring system 2. Detailed mooring analysis for vessel lay-up. 3. Structural strength analysis of the FPSO and jetty bollards. 4. Offshore installation drawings. 5. Acted as owner representative. | | 2015 |
| Bumi Armada | FSO Feasibility Studies | Myanmar | ABS | 20 m | Feasibility study of the FSO to be stationed offshore Myanmar comprising of: <ol style="list-style-type: none"> 1. Mooring analysis for spread moored system. 2. Offloading analysis of FSO and shuttle tanker. 3. Field layout and mooring drawings. 4. Comparative study of various mooring and offloading options. | | 2015 |

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| BC Petroleum | EPV Balai Mutiara | Malaysia | ABS | 70 m | <p>Engineering design and Consultant for the EPV Upgrade for SURF, mooring and installation:</p> <ol style="list-style-type: none"> 1. Field lay-out review and development. 2. Mooring analysis, mooring fatigue, tandem analysis. 3. Riser analysis. 4. Design and engineering of vessel structural modifications requirements for mooring, risers, and the offshore installation. 5. Specifications for mooring systems, components, vessel equipment, offloading hoses, winches and dependant structures and equipment. 6. Offshore installation analysis, procedures, methodology, requirements and specifications. 7. Review of Company produced engineering packages and detailed design. 8. Review of Company subcontractors work and proposals. 9. Marine warranty surveyor, review of 3rd party engineering. | | 2014 - 2015 |
| FOS | KK-Field Accommodation | Malaysia | ABS | 60 m | <p>Study for an accommodation barge:</p> <ol style="list-style-type: none"> 1. Field lay-out review and development of vessel positioning in proximity of platforms. 2. Mooring analysis, mooring fatigue, Specifications for mooring systems, components, vessel equipment and dependant structures and equipment. | | 2014 |
| M3nergy | Perintis FPSO | Indonesia | ABS | 30 m | <p>Mooring and installation detailed design & engineering:</p> <ol style="list-style-type: none"> 1. Detailed Mooring analysis for vessel lay-up. 2. Specifications of mooring system. 3. Offshore Installation requirements. | | 2014 |
| Coastal Energy | Banang Field | Malaysia | ABS | 70 m | <p>Mooring and Offshore installation detailed engineering and design and execution:</p> <ol style="list-style-type: none"> 1. Detailed design and engineering of mooring system. 2. Detailed design and engineering of Side by Side offloading, simulation of SBS. 3. Detailed installation procedures, analysis and drawings. 4. Offshore Installation 5. Offshore management and engineering support by DEEPBLUE personnel | | 2014 |

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| M3nergy | Perintis FPSO | Malaysia | ABS | 20 m | Mooring detailed design & engineering: 1. Detailed Mooring analysis for vessel lay-up. 2. Specifications of mooring system. 3. Offshore Installation requirements. | | 2014 |
| Bumi Armada | Cluster 7 FPSO | India | ABS | 150 m | Offshore installation: 1. Technical consultant for the Offshore Installation of the C7-FPSO 2. Providing management resources, Offshore Construction Manager, Technical support, Client representative, Marine Warranty Surveyor. 3. Offshore management and engineering support by DEEPBLUE personnel | | 2014 |
| PTTEP | Bongkot | Thailand | ABS | 70 m | Review of life remaining in mooring chain; 1. Review of chain thickness report 2. Calculating and establishing the chain remain Life from a strength point of view 3. Calculating and establishing the chain remain Life from a fatigue point of view 4. Procedures for changing out chain segments 5. Approval from Class Society for the change out proposed. | | 2014 |
| PTTEP | FSO-2 | Thailand | ABS | 80 m | Field development detailed design: 1. Review of the different alternatives for the condensate production without an FSO. 2. Review of production platform requirements. 3. Design and engineering of SPM CALM Buoy system. 4. Subsea flow assurance of the production from the different fields. | | 2014 |
| PTTEP | FSO-2 | Thailand | ABS | 80 m | Detailed engineering study for FSO life extension: 1. Offshore measurement and review of vessel status. 2. OPEX and CAPEX estimation of the life extension. 3. Developing different alternatives with respect to the possible scenarios for life extension. | | 2013 - 2014 |

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| PTTEP | FSO-2 | Thailand | ABS | 80 m | Offshore riser installation: <ol style="list-style-type: none"> 1. Technical support to PTTEP with the change out of existing risers. 2. Offshore Installation support personnel. 3. Review of Installation Company procedures and engineering. 4. Offshore management and engineering support by DEEPBLUE personnel | | 2013 |
| Coastal Energy | Storage Tanker for Kapal Field | Malaysia | ABS | 70 m | Mooring system for production tanker: <ol style="list-style-type: none"> 1. Detailed design and engineering of mooring system. 2. Detailed design and engineering of Side by Side offloading, simulation of SBS. | | 2013 |
| PETRONAS – TECHNIP | Bukit Tua FPSO | Indonesia | ABS | 70 m | Mooring and SURF: <ol style="list-style-type: none"> 1. Supply of mooring and riser engineering personnel. 2. Mooring analysis, mooring fatigue analysis. 3. Riser analysis, riser design. 4. Design and engineering of mooring and riser systems on board the FPSO. 5. Design and engineering of Marine systems. 6. Design and engineering of the offshore installation for mooring and risers. 7. Preparation of Detailed Specifications for all mooring, risers, subsea and marine systems. | | 2012 - 2013 |
| Lundin – Bureau Veritas | IKDAM FPSO | Malaysia | DNV | 70 m | Feasibility study and concept selection for mooring systems, SURF, and field lay-out of the IKDAM FPSO: <ol style="list-style-type: none"> 1. Mooring analysis. 2. Field lay-out options review. 3. HSE and operational analysis of the concepts. 4. Commercial and Technical review of the concepts. | | 2012 |
| PTTEP | FSO-3 | Thailand | ABS | 70 m | Study of future production requirements, mooring, SURF, installation: <ol style="list-style-type: none"> 1. Feasibility study and pre-FEED for the development of a new FSO and integration with the existing field architecture. 2. Mooring analysis and requirements for FSO, CALM buoy. 3. Flexible riser analysis | | 2012 |

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| Bumi Armada Navigation | UDANG Installation | Indonesia | ABS | 150 | Offshore installation engineering and provision of support personnel for the offshore phases: <ul style="list-style-type: none"> 1. Mooring system installation. 2. FPSO hook-up. 3. Riser installation. 4. Installation commissioning. 5. Offshore management and engineering support by DEEPBLUE personnel | | 2012 |
| ONGC | D-1 FPSO | India | ABS | 150 m | Overall technical manager on behalf of ONGC for: <ul style="list-style-type: none"> 1. Riser systems and subsea. 2. Mooring system, offshore installation. 3. Naval architecture, hull, vessel, structural systems. 4. All marines systems on board the FPSO, marine engineering. | | 2011 - 2012 |
| KCA DEUTAG | Tender Barge | Singapore | BV | ~ | Naval architecture study for: <ul style="list-style-type: none"> 1. Hydrodynamic analysis and stability engineering. 2. Crane upgrade & structural engineering. 3. Naval architecture. | | 2011 - 2012 |
| Coastal Energy | Songkhla | Thailand | ABS | 20 m | Detailed design, support at procurements and installation: <ul style="list-style-type: none"> 1. Field lay-out, mooring design and analysis, SURF design and analysis, offshore installation. 2. Hydrodynamic analysis of vessels 3. Continuous EPIC support for the for the different. Songkhla FSOs. | | 2011 - 2012 |
| Bumi Armada Navigation | SEPAT FPSO | Malaysia | ABS | 70 m | Offshore installation, mooring & SURF: <ul style="list-style-type: none"> 1. Design and engineering, analysis and procedures for Offshore Installation of mooring and risers and FPSO. 2. Provision of management personnel for the mooring installation, FSO hook-up SURF installation, and riser hook-up. 3. Execution of the complete offshore Installation. 4. Offshore management and engineering support by DEEPBLUE personnel | | 2011 |

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| PTTEP | Bongkot FSO-2 | Thailand | ABS | 70 m | Offshore riser installation. Technical engineering and commercial support for: 1. Riser and hose analysis and engineering. 2. Review and evaluation of tender documents. 3. Offshore management and engineering support by DEEPBLUE personnel | | 2011 |
| KEI – TJS | Sepanjang FSO | Indonesia | ABS | 45 m | Mooring, SURF, installation, naval architecture: 1. Design and engineer of mooring system and riser system for the FSO. 2. Offshore installation engineering and provision of support personnel for the offshore phase. | | 2010 - 2011 |
| ONGC-DPS | D-1 FPSO | India | ABS | 150 m | FEED study for: 1. Mooring systems, riser systems, subsea components, offshore installation. 2. FSO structural, marine and naval architectural requirements. 3. Preparation of technical specification and RFQs for the above in order to issue for BID to EPIC Contractor. | | 2010 |
| Chevron – EDG | FSO Vietnam Block B Gas Project FEED Study | Vietnam | ABS | 150 m | Detailed design and FEED study for: 1. Mooring systems, riser systems, subsea components, offshore installation. 2. FSO structural, marine and naval architectural requirements. 3. All marine systems, IG, cargo, ballast, HVAC, LQ, ER, electrical, mechanical etc. 4. Preparation of technical specification and RFQs for the above in order to issue for BID to EPIC Contractor. | | 2010 |
| ONGC – DPS | D-1 FPSO FEED Study | India | ABS | 150 m | Conceptual design and FEED for: 1. Mooring systems, riser systems, subsea components, field lay-out. 2. FSO structural, marine and naval architectural requirements. 3. Preliminary installation method statements. 4. Preparation of Technical Specification and RFQs for the above in order to issue for BID to EPIC Contractor. | | 2010 |
| Petrofac – DPS | FPSO FEED Study Cendor II | Malaysia | ABS | 80 m | FEED study for: 1. Mooring systems, Riser Systems, Subsea components 2. FSO structural, marine and Naval Architectural requirements 3. All Marine systems, IG, Cargo, ballast, HVAC, LQ, ER, Electrical, mechanical etc. 4. Preparation of Technical Specification and RFQs for the above in order to issue for BID to EPIC Contractor. | | 2009 - 2010 |

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| Coastal Energy | Songkhla FSO | Thailand | ABS | 20 m | Mooring, SURF, field lay-out: <ol style="list-style-type: none"> Design of new and review of existing system with respect to mooring, risers, offshore and subsea arrangement. Mooring analysis and design. Offloading analysis and design. Riser analysis and design. Hose analysis and design. Vessel mooring requirements and Installation requirements. | | 2009 – 2010 |
| Galoc Petroleum Company | FPSO | Philippines | DNV | 600 m | Review of client's subcontractors design and engineering <ol style="list-style-type: none"> Mooring system, Riser and SURF Offshore Installation | | 2009 – 2010 |
| Mistubishi Oil | Sepanjang FSO | Indonesia | ABS | 45 m | Review on behalf of Client the detailed design of mooring and risers, review of subcontractors. | | 2009 |
| Kangean Energy Indonesia | Temporary Sepanjang FSO | Indonesia | ABS | 45 m | Design, delivery and installation of mooring system and support during operational phase. | | 2009 |
| Hallin Marine | SPEX – Malaysia | Philippines | DNV | 500 m | Naval architectural support to the implementation of a hydraulic gangway on DP-2 vessel for offshore operations. | | 2009 |
| Pvep Dai Hung | Dai Hung Phase 2 | Vietnam | ABS | 120 m | Estimation analysis and review of offshore installation EPIC contract. | | 2008 |
| Larsen Oil & Gas | FPSO X | Singapore | DNV | 200 m | Design responsibility for field lay-out riser configuration, subsea systems, mooring systems, and offshore works. | | 2008 |
| MODEC - JVPC | Turret FSO, Subsea Equipment | Vietnam | ABS | 60 m | Offshore installation for detailed engineering & design FSO hook-up, PLEM, riser installation. Preparation of all procedures of the offshore installation. | | 2007 – 2008 |