



Personal Experience Record GO-400-2

Name : Monica Perez Date Prepared : 1/1/2018
 Service Date : February 4, 2014 Personnel Number (Do Not Use SS#): 1000493556

Significant Outside Activities & Accomplishments (Work Related Only)

Presenter at Topsides, Platforms & Hulls Conference for the Murphy Kikeh Spar Topsides Installation Using the Floatover Method. The first Spar to employ a catamaran floatover method to install the topsides onto the floating Spar hull at the offshore location.

Language	Proficiency (Business Technical)	Spoken	Written
English		Extensive	Extensive
Spanish		Extensive	Extensive
American Sign Language		Intermediate	Intermediate

Dependents (information only required for consideration for expatriate assignments)

Name	Relationship	Year of Birth (minors only)

Education (Beyond High School Only)

Dates attended	School	Year Graduated	Remarks (Including specialization, degrees, extra activities, etc.)
1996-2000	Texas A&M University –Galveston	2000	Maritime Systems Engineering Degree (Ocean Engineering)

Non Company Experience (Including Military)

Please list most recent experience first.

Job Details	Job Description
<p>Dated (Month/Year): 1/05 – 1/14</p> <p>Employer: Technip USA</p> <p>Location: Houston, TX</p>	<p>Project Engineering Resources Manager–1/13 – 1/14</p> <ul style="list-style-type: none"> ▪ Direct accountability for performance of Offshore Project Engineering team (32 direct reports). Establish project teams by identifying position requirements and individual training needs to maintain and improve quality standards as well as individual competency and career development. ▪ Provided mentoring, work direction, identified training needs and proactively coached others in the use of Company processes and tools. ▪ Responsible for development and implementation of a resource tracking tool for all offshore BU projects. <p>Floater Concept Engineering Manager–3/12-1/13</p> <ul style="list-style-type: none"> ▪ Actively involved with early phase conceptual studies, frontend feasibilities and business cases to identify potential opportunities for the offshore business unit. ▪ Provided engineering services to a wide range of Clients. Responsible to keep up with industry technology development and to develop and encourage the use of new technologies. Specific tasks included: <ul style="list-style-type: none"> ○ Conceptual cost estimating ○ Evaluation of new technologies ○ Review of Client invitation to bid documents (ITB) ○ Streamline company cost estimating tools ▪ Client and projects included: <ul style="list-style-type: none"> ○ ANADARKO HEIDELBERG SPAR PROJECT - Engineering Manager, managed engineering scope (Phase 1&2) to advise Client the feasibility of re-using Anadarko’s Lucius Spar design at Heidelberg GOM location in 5,500’ water depth. Managed project team size of 15 engineers. ○ PEMEX AYATSIL - As PM/EM, Overall responsibility for design assurance, design safety, schedule and cost. Managed a \$1.6MM budget for the execution of Conceptual Engineering of the selected development concept for surface facilities of Ayatsil field. Project had technological challenges of highly toxic and corrosive production gas, extra-heavy oil and viscous of asphaltic nature in marine environment with water depth over 400 feet. Managed project team size of 12 engineers with diverse disciplines in pipelines, structures, flow assurance, process, metallurgy, and cost and scheduling. <p>Marine Operations Engineering Supervisor –2/09-2/12</p> <ul style="list-style-type: none"> ▪ Direct accountability for performance (budget, schedule and deliverables) of Marine Operations Project Engineering team (23 direct reports) including those seconded to other units for Technip’s Offshore BU. ▪ Client and projects included: <ul style="list-style-type: none"> ○ ANADARKO LUCIUS SPAR FEED PROJECT - Engineering Manager responsible for developing and managing engineering scope for multi-functional work teams of 30 civil, structural, marine, and subsea engineers in Houston and 23 marine and construction engineers in Pori, Finland for design of spar hull, moorings and riser packages. ○ ANADARKO LUCIUS SPAR PRE-FEED PROJECT – Interface Manager, coordinated internal interfaces within Technip companies around the world as well as external interfaces between Client and other contractors. ○ BP MACONDO CONTAINMENT DISPOSAL PROJECT - Interface Coordinator stationed in Fourchon, LA, responsible for supplying equipment to offshore installation team for the installation of two free standing hybrid riser systems offshore GOM. ○ CHEVRON BIGFOOT - Project Engineering Manager responsible for the conceptual development of the cost and execution schedule to install the Spar Hull and Moorings as well as Topsides using a floatover installation method. Managed project team size of 5 engineers.

	<ul style="list-style-type: none"> ○ OXY MFP PROJECT - Project Manager stationed in Abu Dhabi, UAE & Doha, Qatar, responsible for the conceptual development of a method to install two Minimum Facility Platforms (MFPs) using a jack-up drilling rig offshore Qatar. Managed project team size of 3 engineers. ○ ANADARKO/EXXONMOBIL RED HAWK RELOCATION - Lead Installation Engineer, investigated the possibility of relocating the Red Hawk Cell Spar to a new offshore location in the GOM. Key tasks were study of mooring system disconnection, ballasting adjustments, vertical tow and anchor/riser installation at new site. Developed a high level Installation cost estimates for the work scope. <p>Senior Specialist Engineering Lead – 1/05-1/09</p> <ul style="list-style-type: none"> ▪ BP THUNDER HORSE PROJECT <ul style="list-style-type: none"> ○ Lead Engineer for the Subsea Manifold Restoration Team providing field engineering support at Kiewit facility in Corpus Christi, TX for the refurbishment of four subsea manifolds. Coordinated the reuse of existing components from manifolds pulled up from subsea as well as new material acquired from vendors. ○ Assures that site procedures are developed and in place. Supervised Factory Acceptance Testing, System Integration Testing and delivered successful manifolds to the Offshore Operations team for re-installation. ○ Provided offshore field technical engineering support during hydrotesting of the infield flowline risers. Responsible for direct interface with client and sub-contractors to ensure that work was performed per applicable design requirements and schedule. Responsible for managing safe work practices when coordinating work plans which included job safety documentation and SIMOPs investigations necessary to apply for permit to work ○ Additional project duties included performing engineering calculations, analysis and reviewing design criteria of various subsea components with respect to applicable standards. Oversight of the field technical support and project engineering team and provide guidance to the Fabrication Yard Manager and Client regarding engineering matters and resolution of non-conformance reports. ▪ MURPHY KIKEH SPAR PROJECT <ul style="list-style-type: none"> ○ Installation Engineer responsible for assisting with the transportation and installation analysis of the Kikeh spar hull and topsides. Designed and revised installation aid drawings. Developed the hull temporary rigging installation procedure.
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<p>Dated (Month/Year): 3/01 – 1/05</p> <p>Employer: J. Ray McDermott Engineering, LLC</p> <p>Location: Houston, TX</p>	<p>Naval Architect</p> <ul style="list-style-type: none"> ▪ MURPHY E&P FRONTRUNNER AND MEDUSA SPAR PROJECTS & DOMINION EXPLORATION DEVILS TOWER SPAR <ul style="list-style-type: none"> ○ Designed and revised installation aid drawings and performed feasibility study for spar hull wet tow, station keeping, mooring piles, platform chain and deck transportation. ○ Developed ballast plan, flotation sensitivity analysis and stability analysis and provided field supervision and engineering assistance for the load out of the spar topsides. ○ Analyzed Spar global motions for detailed truss design, performed transportation analysis. ○ Provided field technical engineering lead assistance during the loadout and transport of spar installation equipment at the shipyards and offshore. ▪ PEMEX CANTARELL FIELD EXPANSION PROJECT & BG HIBISCUS PLATFORM <ul style="list-style-type: none"> ○ Completed in-place analysis including modeling pile-soil interaction, dynamic response, detailed fatigue analysis, transportation, installation, launch and upend platforms and deck lift installations. ○ Developed weight control requirements and procedures. ○ Developed transportation and installation procedures. ○ Executed the loadout and transport and provided field supervision and engineering assistance for the load out of the jacket upending, deck structure lifts and installation.
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<p>Dated (Month/Year): 8/00 – 3/01</p> <p>Employer: Amfels, Inc.</p> <p>Location: Brownsville, TX</p>	<p>Structural Engineer</p> <ul style="list-style-type: none"> ▪ CAL DIVE INTERNATIONAL Q4000 SEMI-SUBMERSIBLE <ul style="list-style-type: none"> ○ Designed deck equipment supports. Performed and witnessed equipment lifts and successful launch of pontoon structures.
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Company Experience

Please list most recent experience first.

Job Details	Job Description
<p>Dates (Month/Year): 7/18</p> <p>SBU: PRC</p> <p>Job Title: HMR Engineering Manager</p> <p>Location: Houston, TX</p> <p>Salary Grade(s): 24</p> <p>Supervisor(s): Chris Braun</p>	<p>Hull Mooring Riser Engineering Manager</p> <p><i>Project Decision Making</i></p> <ul style="list-style-type: none"> - Recommend and gain management approval to proceed with including the FPU integration option in the hull fabrication packages. - Provide HMR technical and commercial support <p><i>Growth and Capital Stewardship</i></p> <ul style="list-style-type: none"> - Review cost reports for Anchor and Tigris H&M scope on a monthly basis and develop mitigation plans to remain on budget of \$7.2MM - Review cost reports for Anchor and Tigris Riser scope on a monthly basis and develop mitigation plans to remain on budget of \$1.0MM - Establish and attend meetings with subsea and topsides teams to ensure alignment around work scopes and realize any synergies to reduce cost - Oversee team's work plan development to ensure optimal work is done on the right scopes and ensure alignment with the other Anchor and Tigris work teams - Provide HMR team support on development of Hull fabrication contract - Ensure that HMR assigned technologies listed as monitor are tracked for relevance against current project alternatives and update one page technical papers accordingly
<p>Dates (Month/Year): 2/14</p> <p>SBU: PRC</p> <p>Job Title: Early Concept Engineer</p> <p>Location: Houston, TX</p> <p>Salary Grade(s): 23</p> <p>Supervisor(s): Robert Morgan & Allen Hein</p>	<p>Early Concept Development Engineering Manager</p> <p>Provide conceptual engineering and project management assistance to multiple projects in Phases 1 and 2 helping to understand and quantify risk and drive the development of creative solutions. Apply Chevron's CPDEP Phase 1 and early Phase 2 processes, deliverables and CPMS requirements. Provide facilitation skills and champion Decision Quality. Foster good decision making for the development and assessment of a broad set of alternatives. Leverage ingenuity, industry experience, technical knowledge, collaborative style, and influential leadership skills to positively impact MCPs across the globe. Draw upon subject matter experts and other lessons learned around the globe to put forward the best technical solutions enabling projects to seamlessly progress into detailed design and execution.</p> <p>Specific Projects and tasks include:</p> <ul style="list-style-type: none"> ▪ LORAN-MANATEE OFFSHORE DEVELOPMENT (LMOD) <ul style="list-style-type: none"> ○ Project is an offshore, cross border unitized field between Venezuela and Trinidad & Tobago. Reserve is estimated as 7 TCF recoverable and current capital costs of approximately \$3.5 billion. ○ Engineering Manager responsible for re-evaluating the Phase 2 facilities engineering scope for this recycled project. Supervise company lead functional positions and contract personnel to meet project deliverables. ○ Manage and review Phase 2 cost estimate update done by third party engineering company. ○ Work with BU to define project scope and develop, track and execute the project based on the defined scope. ○ Worked closely with DA to develop cases for models to evaluate project values. Assisted with development of project economics DRB presentation package. ○ Initiated the need to review DA model to include high/med/low cases based on low oil price business environment. ○ Coordinated the effort to communicate the use of our Design COE for our early phase project work based on the BU objectives and strategies.

	<ul style="list-style-type: none"> ▪ TCO PROJECTS - Pressure Decline Mitigation Project, Fuel Gas Reliability, Old Boiler House (OBH), Water Management Strategy Project (WMS), KTL Modernization, Sour Gas Flaring Reduction Project <ul style="list-style-type: none"> ○ Work with BU to define early phase project scope. Develop, track and execute the projects based on the defined \$2.4MM scope. ○ Facilitation of alternative generation and selection workshops. ○ Co-Facilitate framing workshop. ○ Approve and oversees staffing plans for early phase projects. Accountable for building, leading and sustaining a highly committed team using CSOC leadership principles. ▪ WILCOX TERTIERY RECOVERY PROJECT (WTRP) GOM <ul style="list-style-type: none"> ○ Work with BU to define project scope. Develop, track and execute the project defined scope for Buckskin Moccasin, Jack St. Malo, WTRP Pilot & WTRP Technology projects. ○ Accountable for coordination of 10+ SME within ETC to execute and deliver approved BU engineering scope. ▪ KEP <ul style="list-style-type: none"> ○ Assist with the development of PEP documentation in preparation for DRB. ○ Coordinate all Peer Review pre-read documentation ○ Assist AIR manager with execution of project PReP workshop. ○ Assist AIR manager with tracking and scheduling project assurance activities. ▪ CEOR <ul style="list-style-type: none"> ○ Co-facilitated Technology qualification workshop.
<p>Dates (Month/Year): SBU: Job Title: Location: Salary Grade(s): Supervisor(s):</p>	