



Nationalité Française et suisse
Marié
Permis Oui

Lamonzie-Montastruc (24520)

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Superintendant, Sénior

EXPERIENCES PROFESSIONNELLES

févr. 2016 / aujourd'hui **Independent Consultant**

First Time Right (FTR) Consulting Services SARL

Independent Consultant providing project and quality improvement services to the O&G, MRE and Ship Management sectors with following mission statement:

** FTR aims at facilitating project management quality improvement initiatives, implementing best industry practices and promoting positive attitude towards QUALITY especially when the CAPEX and OPEX profit lies within the critical SUPPLY/VALUE CHAIN process...*

** FTR provides experienced technical, behavioral and contextual competence, quality assurance assistance in the management of critical and engineered packages on complex EPCM projects where the devil is usually in the detail...*

** FTR stands for First Time Right which is one of the most effective strategic procurement precepts aiming at minimizing the risks of budget overruns, schedule slippages and noncompliant products/services, at tackling the hidden root-causes of the non quality iceberg...*

janv. 2015 / sept. 2015 **Quality (Assurance) Manager**

SBM Offshore - Rio de Janeiro Execution Centre

** Directed Q(A) work to ensure project and Company Execution Centre obligations are met at all times (e.g. ISO 9001 Certification)*

** Coached QA/QC personnel and defined their yearly objectives*

** Promoted quality awareness initiatives throughout the organization (e.g. Internal Auditor Training, Quality Moments, etc.)*

** Reviewed/approved external audit and inspection reports*

** Chaired periodic management system reviews, provided Group contributions, attended Group Quality Manager workshops at HO chaired by Group Quality Director*

** Participated in quality accident investigations and identified reasons for Costs of Poor Quality issues*

** Within the scope of the Company 2-year long Transformation Programme (ODYSSEY 24), participated in the review of QMS procedures to integrate best practices and lessons learned*

** Wrote a Maintenance & Modification (M&M) Quality Plan for 2 Well Head Platforms and 1 FPSO moored at the Peregrino Field, Campos Basin.*

juil. 2013 / déc. 2014 **Supply Chain Package Manager - High Criticality Equipment**

SBM Offshore - Rio de Janeiro Execution Centre

** Managed 3 double orders worth > US\$50m placed with Brazilian local strategic/key suppliers (anchor chains, polyester ropes and riser bellmouth connections) for 2 Mega Generation 3 EPCI FPSO Projects*

** Reviewed and developed a best in class set of QA/QC documentation as per ISO 29001 and ISO 10005 for/with the suppliers*

** Reviewed concurrently relevant Group Technical Standard (GTS) integrating best industry and new rule requirements in case of offshore anchor mooring chains*

** Developed autonomously a mitigation plan one month prior to shipment to China of high criticality equipment (riser bellmouth connections) following discovery of major equipment failures during an UWILD inspections on same equipment fabricated by same vendor*

** Initiated and chaired closed out/lessons learned/customer satisfaction workshop with vendors, produced lessons learned reports and presentations for future reference purposes*

** Managed the resolution of major non-conformities discovered in cargo oil tanks and pressure vessels after their claimed commissioning and acceptance two months prior to sailaway of FPSO from module integration yard to offshore production site, thus substantially reducing the cost of rework offshore and unexpected operational*

nov. 2012 / sept. 2022

Asset Life Extension Project Manager & Engineer

SBM Offshore - Rio de Janeiro

- * Developed a FPSO life extension proposal involving different disciplines (12+ eng., US\$1+m)
- * Collected and evaluated historical maintenance, breakdown and failure data
- * Wrote an unique piping integrity assessment procedure from scratch
- * Identified the positive consequences of implementing long-term fabric maintenance and corrosion control management strategies incl. Risk Based Inspection Plans
- * Compiled an impressive number of documents related to structural and piping integrity management practices
- * Developed an assets integrity inspection plan
- * Carried out pre-qualification audits of potential vendors
- * Surveyed FPSO to identify firsthand its strengths and weaknesses, to collect information with the view to implement a SWOT analysis approach for this and future FPSO Life Extension Projects

janv. 2005 / sept. 2015

Supply Chain Package Manager

SBM Offshore - Monaco, Singapore, Abu Dhabi & Brazil

Supply Chain Package Manager for High Criticality Equipment & Corporate Product Supply Advisor (CPSA) for Corrosion & Passive Fire Protection

- * Responsible for all phases of assigned packages from review of engineering documents till approval of VDB's
- * Provided corporate technical assistance in Corrosion & Passive Fire Protection (incl. Thermal Insulation) specialist areas, ensuring that best industry practices, compliant products/technologies, client/company/vendor specifications/procedures are consistently evaluated, trial tested, as necessary and eventually implemented (ref. CUI, Preservation).
- * Initiated and actively participated in training courses and GTS Workshops, reviewed and submitted comments on GTS's

*) During these 10 years 50% were spent on worldwide site assignments in China, Malaysia, Germany, UAE, Singapore and Brazil working on line pipe, jack-up, drill rig, buoy, turret and FPSO projects for end-clients such as TOTAL, EM, BP, SHELL, PB, WOODSIDE.

oct. 2002 / déc. 2004

Lead Structural QA/QC Engineer & Documentation Administrator

- * Supervised all hull and cargo tank construction phases of the world's largest and first purpose-built LPG FPSO newbuilding project in Japan which is based on IHI's Self-Supporting Prismatic Type B (SPB) Tank design and whose structure is designed for 30 years life without drydocking.
- * Verified that all hull, cargo tank and topside module interface structural fabrication processes are in compliance with specifications, drawings, applicable offshore and marine rules/standards, provided input to the development of a Risk Based Inspection Plan;
- * Reviewed and updated continuously (up to 5 times, thus integrating lessons learned) all construction, welding and testing, quality control procedures (75 QA/QC documents in total, approx. 1 m3 of documentation);
- * Issued more than 140 "Field Comments" related to QA/QC construction issues, processed Non-Conformity Reports (Lessons Learnt, Failure Analysis, Root-Cause Analysis) and assisted the Construction Manager with the administration and the closing out of all "Field Comments" / NCR's for all disciplines towards the end of the Project;
- * Reviewed and approved all final NDT Examination Reports (hull & piping) prior to sail-away of LPG FPSO SANHA from IHI Kure shipyard to sea & gas trials and sea-passage to Angola

janv. 2001 / sept. 2002

Technical Manager - Hull & Piping Integrity Group

SBM Production Contractors - Monaco

- * Created a group of naval architects and structural engineers to diligently address and consistently monitor the structural integrity of a large fleet of converted and refurbished FPSO's some seriously affected by major structural defects;
- * Provided support to Shorebases with regard to the handling of structural defects such as cracks, leaks, excessive corrosion, etc. subject to Conditions of Class and any other areas of marginal strength and integrity taking into account the FPSO classification/contractual requirements and operational conditions;
- * Developed standard inspection report forms and action matrix system to ensure hull inspection/survey results are captured and adequately addressed i.e. Class requirements/deadlines are met at all times;
- * Reviewed conversion and refurbishment specifications (hull related part) for FPSO projects to ensure later effective maintenance and minimize repairs on site, optimize

the Life Cycle Costs;

** Visited FPSO's and conversion yards, discussed structural issues with engineering offices, wrote hull refurbishment execution plans;*

** Carried out root-cause analysis of structural and corrosion protection defects and reported status to Senior Management;*

** Promoted the implementation of a consistent and effective approach on hull integrity analysis and initiated the development of an internal working procedure for hull refurbishments;*

** Reviewed the fitness for purpose of Assets Integrity Management Plans and Hull Inspection and Maintenance Programmes.*

août 1998 / déc. 2000

Assistant Assets Development Manager

SBM Production Contractors - Monaco

** Selected, developed and implemented step by step a new Computerized Maintenance Management System (CMMS) across the company fleet of FPSO's, all shorebases and the head office;*

** Monitored and assessed the results of its implementation, introduced improvements and new features as appropriate;*

** Trained all end-user categories onshore and offshore, wrote specific user guides, created a catalogue of generic maintenance routines for all standard equipment found onboard FPSO's;*

** Reported CMMS implementation progress and development plans during seminars attended by Senior Management, OIM's, etc. created end-user champion group to further develop best-practice maintenance routines and procedures across the FPSO fleet;*

** Attended conferences on Assets Integrity and Life Cycle Costs, introduced predictive maintenance techniques based on vibration measurements and lube oil analysis;*

** Initiated the idea to implement regular specialist offshore audits/surveys and machinery health care agreements.*

juil. 1993 / juil. 1998

Group Naval Architect

Acomarit Services Maritimes - Glasgow

** Prepared special survey and life extension repair specifications of oil and chemical tankers, heavy lift vessels, carried out Condition Assessment Programme (CAP) surveys with Class*

** Worked as in-house specialist and dedicated consultant on structural retrofit projects, conversions, life extension repairs, vessel laid-up reactivation surveys, structural damages due to e.g. grounding, collision, fatigue, corrosion, inadequate IMR's strategies, specifications, QA/QC practices*

** Surveyed damages, compiled records for insurance and alleged mismanagement claim purposes, evaluated tenders and supervised repairs in shipyards*

** Carried out specialist inspections with Ultrasonic Thickness Measurement and Close up Visual Inspection Teams to verify the structural integrity and the effectiveness of the corrosion protection systems within the scope of IACS Enhanced Survey Programme (ESP)*

** Prepared computerized information, survey and ship structural information, standard or generic repair procedures for all vessel systems, preventive maintenance procedures and reporting forms*

** Developed various technical documentation for the Group as required by the implementation*

of new regulations e.g. LRS Ship Emergency Response Services (SERS) or as required by the

Group Technical Chief Executive and/or the Group Services Manager

avr. 1989 / juin 1993

Superintendent Engineer

Acomarit Services Maritimes - Geneva

** Prepared yearly technical budgets based on the feedback received from the ships' crews, past expenses and information collected onboard, monitored costs and explained variances to owners of up to four (4) vessels (e.g. tankers, bulk carriers, general cargo vessels, etc.)*

** Monitored vessel's fuel and oil consumption performance, initiated corrective actions and repairs, as necessary*

** Carried out survey damage claim surveys, assessed extent of damages and prepared repair specifications in liaison with Class and Underwriters Surveyors*

** Prepared drydock specifications, evaluated repair yard tenders, selected repair yard in consultation with stakeholders and owners, supervised repair and maintenance activities, verified and accepted work completed, negotiated and approved final accounts, organized service engineers, repair gangs and riding squads, supervised and monitored mechanical and fabric maintenance works during voyages*

** Ensured vessels are maintained at all times in class and comply with statutory requirements, attending charterer vetting inspections, carried out regular vessel inspections, produced condition reports on vessel's condition, performance, safety*

standards, environment protection equipment, crew's performance, discussing and agreeing future maintenance requirements with regard to spare parts, consumables, etc.

** Trained as internal auditor to ISM Code, carried out regular audits in other departments in accordance with company audit plan and procedures*

COMPETENCES

Dipl.-Ing. Naval Architect & Welding Engineer in Hamburg incl. 2 years internships

Trilingual French, German, English

Attended numerous training courses, conferences and workshops on subjects such as coatings, passive fire protection, fabric maintenance, life cycle costs, contract management, asset integrity management, condition based monitoring, TWI NDT Methods and Welding of Aluminum in Cambridge, NACE Coating Inspector in Milan, Offshore Survival Course in Macae, ABS JIP Hull Structure Workshop in Houston, Krauthammer Manager Development Programme in Rio, AFNOR Quality & Performance Forum in Toulouse, LNE Internal and Supplier Quality Auditor as per ISO 9001:2015 in Nîmes

COMPETENCES LINGUISTIQUES

Anglais

Allemand

Français