



CURRICULUM VITAE

STUART DUFFIELD

Marine Assurance and Operations Professional

Class 1 Unlimited Master Mariners Certificate

Contact Details

Office Telephone : + 44 (0) 207 237 2617
Mobile (+WhatsApp) : + 44 (0) 7765 809264
E-mail : sd@tmcmarine.com

Qualifications

- Class 1 Unlimited Master Mariner
- Unlimited DP Operators Certificate #1009
- National Diploma in Nautical Sciences, Fleetwood Nautical College
- Navigation Assessor
- NTSB Marine Accident Investigation Training
- Accredited OVID Inspector
- Current medical, BOSIET, MIST, SafeGulf and other offshore certificates available on request

Background and Experience

April 2021 to Present: TMC Marine: Consultant Master Mariner

TMC Marine offer a comprehensive range of marine surveying and consultancy services ranging from the planning and execution of high-risk marine operations to the investigation and resolution of major maritime incidents and disputes.

- Investigation and report on an offshore DP incident/allision involving a jack-up and supply vessel.
- Expert witness for a case involving the Standard Operating Procedures for a Dynamically Positioned Vessel.
- Conduct an ACCU, PSTP study for a new build research vessel.
- Attended on board for causative investigation of container stow collapse on board a 8000 TEU vessel.
- Complete ISM, ISPS and MLC internal audit for a research vessel operating in a major offshore wind-farm development.
- Complete a full audit of a walk-too-work vessel including procedures and policies for mobilising personnel via coach transfer and helicopter operations.
- Provided support and consultancy services for review of operational procedures, HSE requirements and legislative requirements for offshore operational processes.
- Completed eCMID & DP consultancy role on board a large pipe-lay vessel.

- Expert opinion provided for unsafe port claims for North and South American ports.
- Provided a bespoke ship security plan for two vessels operating globally, with voyages in West Africa, with approval from the flag state with no comments.
- Conducted OVIQ inspections for various vessels operating in European waters including a jack-up unit (Valaris-122), research vessels, AHTS, and a rock-dumper.
- Conducted a full DP-3 FMEA rewrite for a large heavy-lift construction vessel, including attendance for multi-day proving trials to oil major standards and class approval.
- Numerous pre-purchase surveys were completed globally, identifying and inspecting dynamically positioned vessels for use as research vessels worldwide.
- Expert witness report and arbitration on a heavy-lift charter party dispute.
- Attend in Gibraltar for the cargo removal and wreck recovery of a CTL vessel.
- Conduct multiple DP Gap analyses for DP-2 classed offshore vessels operating in the Gulf of Mexico.
- Attend a salvage site in Israel for the recovery of debris and damaged crane from the water, including cadaver recovery.
- Conducted offloading survey of damaged heavy-lift cargo from ship to road trailer unit and completed road transportation review.
- Provided a DP-2 FMEA, DP Proving Trials, ship security plan for a research vessel undergoing a complete refurbishment/drydock period in a European port.
- Conducted flag state inspection and safety inspections for research vessels on behalf of Vanuatu.

Aug 2019 to Apr 2021: Aluciant LLC: Marine Assurance Professional

Aluciant provide marine consultancy services including Dynamic Positioning reviews and trials, gap analysis, industry standard inspections and legal services.

- Engaged by marine industry clients including Oil Majors such as Shell, BP and Chevron to provide marine assurance, project support, MWS services, cargo securing and inspection, legal, general inspections, incident investigation and advisory services.
- Undertake industry standard inspections and audits for various types of vessel including oil tankers, DP MODU's, Jack-Ups, oceanographic research, walk to work, crew transfer vessels, DP and survey vessels to assess condition, seaworthiness and vessel operations.
- Provide vessel-specific Dynamic Positioning services including annual trials, audits, and the provision / review of FMEAs, FMECAs, TAM and ASOG to ensure vessels run safely, economically and within their specified operating envelope.
- Write, review and update documentation and provide gap analysis for operation manuals, FMEAs and PSTPs, ensuring compliance with industry standard guidelines, Flag State and IMO requirements.
- Provide expert witness legal services for marine legal cases including documentation and deposition reviews and the provision of court testimony.
- Deliver recommendations on asset / vessel purchasing including engine capabilities, potential maintenance costs and general viability.
- Lead accident investigations ranging from major accidents to near misses in order to determine the cause, analyse losses, propose a viable solution and generate recommendations to avoid recurrence, ensuring adherence to relevant industry and international safety / class codes such as ISM, ISPS and SQE.

- Volunteered to various committee groups in MTS, OMSA, OSVDPA, USCG, IMCA and NI for the development and implementation of advice and guidance.

Key Client Assignments:

- Successfully established cause and solution for an incident that occurred during vessel equipment testing for BP. Prevented recurrence, minimized losses and mitigated additional risk factors introduced by engineering fix.
- Completed DP annual trials, FMEA review and gap analysis for vessel 'C-Confidence' on behalf of BP. Liaised and negotiated with antagonistic vessel operator on behalf of client to secure additional onboard testing in order to demonstrate that vessel failure modes were operating correctly.
- Completed DP Annual trials on board the West Aquilla and West Aurelia drill ships in Las Palmas, Canary Islands.
- Undertook remote DP review (EDPAP) of vessel 'Rowan Relentless'. Led extensive review of all processes including certificates, FMEA, DP Trials and operational manuals.
- Oversaw full marine and DP inspections including crane and lifting checks for 3 vessels involved in the Leviathan Project, the development of an offshore gas facility off the coast of Israel.
- Undertook beta-testing, usability and interface reviews of Keelson Marine IT applications.
- Provided remote assurance for Chevron on condition and seaworthiness of a DP3 vessel (Drill-Ship Black Rhino) used for oil well operations in the Gulf of Mexico. Project successfully completed 1 week ahead of schedule.
- Conducted OVID inspection on board multiple late generation drill rigs for Chevron in Gulf of Mexico.
- Delivered remote FMEA update for Access LLC on the drillship vessel 'Black Hornet', a drillship being prepared for a new charter. Reviewed and updated 300+ page document and rewrote section on DP sensors.

Feb 2019 to July 2019: EPIC Companies, LLC: Marine Manager

EPIC provide support services to the offshore energy sector including pipelaying and offshore construction.

- Appointed Marine Manager to identify hiring needs and lead recruitment and retention process for newly established Marine Department.
- Reported to Director of Operations with 3 direct reports; 2 Senior Marine Operations Consultants and a Project Logistics Manager.
- Identified, shortlisted and interviewed key personnel and developed strategies to motivate, retain and develop new recruits.
- Led development and implementation of Safety Management System for multiple vessels company-wide.
- Established marine assurance requirements for purchased, leased, chartered and client-provided assets.
- Approved and valued marine assets for expansion of the company fleet, including evaluation and purchase proposals for new technology / equipment.
- Supervised reactivation of a DP3 heavy lift vessel in Alabama, USA, including repairs, inspection and maintenance work. Recruited crew for vessel, and led complex procedures to safely remove and dispose of contaminated fuel with an associated cost saving of \$250,000 USD.

- Provided viability inspection report for the purchase of a large pipelay and heavy-lift vessel valued at \$60,000,000 USD. Succeeded in completing inspection and confirming viability, asset subsequently approved for purchase by EPIC Board Management.

May 2009 to Jan 2019: London Offshore Consultants, INC: Vice President

LOC is an independent marine and engineering consulting organisation with over 30 offices worldwide.

- As Vice President – Marine Quality Assurance & Risk, reported to President of LOC with 4 direct reports, all of whom were Senior Marine Consultants.
- Provided strategic leadership and served as a catalyst for company growth and profitability, identifying new revenue stream and establishing asset management and quality assurance standards.
- Led a talented team of marine professionals performing inspections, audits and consultancy services to oil & gas, renewables, shipping and marine clients.
- Positioned new contracts for success by establishing asset management and quality assurance standards customized to each project.
- Refined marine assurance services templates and guidelines, providing input to industry bodies and utilising latest technologies and equipment to deliver high quality reports.
- Chaired marine assurance steering group meeting every three months to develop and implement a marine assurance system for global use. Leveraged mediation and negotiation skills to retain support and buy-in throughout period of employment.
- Arranged participation in annual Workboat Show in New Orleans, securing LOC booth and after-party attended by 50+ clients, competitors and operators which raised the profile and awareness of LOC and led to an increase in client interest and instructions.
- Expanded business development and continued delivery of high-quality reports by hiring and retaining key employees for shipping and offshore projects, including 2 Master Mariners and an Engineer.
- Recruited and retained Dynamic Positioning specialist and skilled team for LOC Houston office, enabling the provision of offshore marine assurance in the Gulf of Mexico. Increased market share for the company marine assurance sector from less than 5% to 15% of total company income.
- Completed marine assurance for BP for the installation of offshore equipment in the Gulf of Mexico. Identified elements of testing relating to fault tolerance of gangway sensors missed by equipment manufacturer, potentially averting a hazardous incident.

Key Client Assignments:

- Provided FMEA and DP Trials documents for new build offshore support vessels with approval from class. Completed Gap analysis and assessment of offshore assets in regards to DP capabilities, FMEA and trials documents.
- Completed the marine warranty review and approval of the Mars B project for Shell, spar hull for Chevron. This included the loading and transport of the hulls onto a semi-submersible heavy lift vessels and transport from Korea to Brownsville, USA. This included attendance at Brownsville for the offloading. Attended the heavy lift vessel in USA for inspection and suitability survey prior to operations being finally approved.

Aug 1993 to Jan 2009: Sealion Shipping, LTD: Various roles to Master / SDPO



Sealion Shipping was a British shipping company that supported the offshore oil and gas industry.

- Hired as Cadet, serving on multiple SOLAS vessels globally. Promoted through ranks to Master and SDPO.
- Sea-time served on supply, AHTS, construction, maintenance, ROV, survey and research, cable-lay, pipe-lay, saturation and air-dive vessels.
- Maintained a perfect safety record throughout sea-going career.
- Attained youngest captain of the fleet in company history in 2004.
- Assumed command of an under-performing ROV vessel to increase up-time and productivity. Succeeded in significantly improving vessel performance, reducing downtime to almost zero, exceeding industry and company requirements.