

DEAN GOLDING PERELLÓ

Personal Information

Current Location: York, United Kingdom

Availability: Immediate

Passport: British

Languages Spoken and written proficiently:

English, Spanish, Catalan



License | Certification | Skills

Degree in Electrotechnical Engineering 2011

Naval Mechanic - Full AEC - MCA equiv. 2014

Spanish Reg. III/IV Engineering Officer of the Watch 2014

HSE 1st Aid at Work Mar 2021

HSE Professional SCUBA (Part 4) 2015

HSE Surface Supplied (Part 3) 2015

HSE Wet Bell Top up (Part 1) 2015

Powerboat Level 2 License - RYA 2005

Personal Water Craft License - RYA 2005

IOSH Managing safely

CSWIP 3.4U Inspection Coordinator 2017

IMCA Dive Supervisor 2021

Summary

Safe and efficient offshore manager, diving superintendent and diving supervisor with a strong background in engineering, I believe that through proper planning and procedures, even the most challenging circumstances can be overcome safely and delivered on time. Personal skills and my engineering background would be my strongest suit, along with a love for diving and the environment we get to work in.

I have a strong background in the industry standards, best practices and regulations that govern safe diving operations offshore. With my background, I pride myself in the management of my team and personal skills that ensure smooth operations offshore. Additionally, as an ex-CSWIP 3.4 managing large IMR contracts, I have a keen eye for detail when it comes to reports ensuring that all the key information is presented.

My background and experience would bring value to any project requiring an experienced client site representative, Offshore construction manager or Onshore Operations manager; able to look not only into the safety of the divers but also into how that safety is integral to the procedural steps in the marine setting.

Work Experience

OCM / Offshore Manager | HYDRODIVE | FEB 2026 - Currently

OCM for large IMR Saturation campaign, Multiple vessel deployment with ABS-classed saturation system mobilisation onto a Lloyd's-classed vessel, HRF, SPHL mobilisation with a WROV ROV. Development of complex Oxy ark procedures for a large decommissioning campaign followed by the reconstruction of an export system, and a multiple platform full health check survey with a wide range of NDT solutions.

OCM / DIVE SUPERINTENDENT | HYDRODIVE | JUN 2022 - FEB 2026

OCM for multiple projects overseeing the export system repairs and replacements for SPDC Shell Nigeria, topside PDU seal replacement and bearing alignment conducted safely through the rainy season, multiple trips as diving superintendent covering work on SPMs in both Bonny and Forcados. Four full SPM replacement campaigns safely carried out.

Multiple mobilisations of the dive system including class recertification and dive system assurance to client specification. In direct and overall charge of final vessel setup and completion of generator rebuilds

Dean Golding Perelló

E: engineeringanything@gmail.com

culminating in full vessel FMEA trials on three different DP2 DSV's. Development of the Surface umbilical management system for two DSV's.

Development of ground-up engineering basis and procedures for the installation of an experimental export system hose string. Overall supervision of the safe execution of the aforementioned procedures delivering the project ahead of schedule working closely with the project management team, technical department and the diving SME.

DIVE SUPERVISOR / PROJECT ENGINEER | HYDRODIVE | AUG 2021 - JUN 2022

Air diving supervisor for the installation of a ground-up new export system. PLEM and PLMM installation, 36" Spool installations and installation of two new SPMs involved in the planning and construction phase as an engineer followed by supervising the diving over multiple trips until the completion of the construction of the export system.

SPM installation and engineering included chain length selection, initial engineering for SPM centralisation and full commissioning procedural development.

As a diving supervisor, I oversaw chain installation, Subsea hose installation, floating hose installation and Hawser installation on both SPMs. Commissioning diving support on a very technical automated PLEM.

PROJECT ENGINEER | HYDRODIVE | AUG 2018 - 2021

Protect Engineer on various projects:

Project engineer on a spool installation project for CNL overseeing metrology, spool design and integration with the vessel. Design of pipe handling frames and oversight of implementation offshore.

Lead project engineer on a long-term maintenance contract for one of the oil majors in West Africa. Oversight of the subsea maintenance inspection and repair of the MPN JV offshore oil field. Management of the offshore team, oversight of team selection, large project planning as well as contractual coverage for variation orders on the original scope. Various projects covered over time, including SPM floating hose and subsea hose replacements, SPM quarterly inspections, jacket inspections, caisson replacements and pipeline repairs using in house custom built clamps, Oceaneering repair couplings and PLIDCO clamps. Development of all procedures, JSAs and project documentation for the safe implementation of all the various projects carried out.

Pipeline stalk on riser project and field expansion. Project duration 16 months, a long-term project consisting of final riser installations for newly installed jackets. Project forming part of a large field development contract. 16 risers installed minimising subsea intervention by using topside crane and davit installation methodologies.

20" Gas export line repair; damaged due to a jack-up barge having crushed the line with one of the support legs. Major salvage and recovery of the sections of barge, pipeline repair using Oceaneering smart flanges as well as Oceaneering misalignment flanges. Pipeline repaired using 6 double spools. Oversight of the project planning, project HIRA, as well as the procurement, costing and cost management. The project was delivered on time and within budget despite large changes to the original contracted scope.

Emergency 32" flexible export line repair; development of a containment dome to ensure no environmental impact during the flow line flushing. Usage of Synthoglass to minimise product loss during line flush. Stalk on repair of the flow line using the DSV. Successful completion of the pipeline repair between export windows. Development of all DTPs, JSAs, inspection reports and the final project completion report.

12" Pipeline repair and riser installation; removal of existing riser and pipeline section, re-installation of new riser section ensuring measurements conformed with a previous riser to reuse the existing topside PUP

piece. Simple pipeline repair involving metrology and closing spool. Development of all DTPs, JSAs, inspection reports and the final project completion report.

20" Gas pipeline repair; salvage of the sections of JUB that had caused the damage, including lifts in excess of 200Te. All salvage was performed using Oxy ark-cutting techniques. Pipeline ends recovered to surface using a davit barge and PUP pieces installed topside. 110 metres of pipeline replaced using 4 double spools and a closing spool with 2x misalignment flanges. Development of all DTPs, JSAs, inspection reports and the final project completion report.

30" Export line crossing corrections; corrections of crossings along a newly installed export line ensuring the line was fully supported using concrete mattresses. Development of all DTPs, JSAs, inspection reports and the final project completion report.

SATURATION MANAGER | HYDRODIVE | JAN 2018 - AUG 2018

Saturation manager for the refurbishment and classification of an EIS 9-man saturation dive system. Ground up refurbishment including a full strip of all PVHO's, re-build of the machinery van using Divex equipment. Re-design of Heskell reclaim system using a Divex proportional valve and installation and calibration of Divex CMUs. Modification of all hydraulic equipment to comply with ABS specifications.

Management of personnel during the system refurbishment and classification, cost tracking and budget management including cost projections. Liaising with company directors to ensure compliance with all Hydrodive working policies.

Personally in charge of the final engineering submittals and the final survey of the dive system, including a dive to the maximum design depth of the system, testing of all emergency equipment and pressure testing of the PVHOs to ABS satisfaction.

Full D024 system audit in conjunction with Chevron preparing for a major saturation project.

Dive system successfully classified to ABS AI with a P notation. No conditions of class.

PROJECT ENGINEER / 3.4U | HYDRODIVE | JAN 2017 - JAN 2018

Project Engineer on 3 projects:

12" Pipeline repair using an Oceaneering smart flange; installation of 137 metres of spools with double weld neck flanges and installation of a new riser and riser clamps. Metrology, interpretation of metrology and design of final closing spool. Overseeing all QAQC for the spool fabrication. Development of all procedures, DTPs, JSAs, inspection reports and the final project completion report.

4" Flexible flow line repair using a temporary repair system. The unique location close to the monopod platform required innovative task plans, limiting in close blow on vessel conditions by performing the repair on the monopod. Overseeing all QAQC for the flow line repair. Development of all procedures, DTPs, JSAs, inspection reports and the final project completion report.

8" Water injection repair; simple repair of a damaged section of the line using a single spool. Pipeline sweeps and Oceaneering smart flanges. Metrology, interpretation of the metrology and design of the final spool based on the calculated final sweep positions of the lines. Overseeing all QAQC for the flow line repair. Development of all procedures, DPs, JSAs, inspection reports and the final project completion report.

DIVER DMT | HYDRODIVE | NOV 2015 - JAN 2017

Diving work carried out included heavy construction consisting of spool tie-ins on pipelines, ranging from 8" to 48". Pipeline cuts using diamond wire saws, multiple projects involving both Oceaneering smart flanges and misalignment flanges. Salvage work including two projects where a 300 series Lift Barge was recovered.

Dean Golding Perelló

E: engineeringanything@gmail.com

Inspection projects included UWILD, platform inspections using ACFM, UT, FMD and Cygnus gauges.

CHIEF ENGINEER | M/Y NETTO | 220T-115' (35M) NORDLUND | AUG '14 – OCT '15

New build yacht (2014) work with the yard on a major redesign of water makers and engine room ventilation due to design issues on the build. Maintenance of both main engines and generators as well as heavy work carried out with the shipbuilders and subsequently with other yards. Over 15,000 miles were travelled in the first period of the boat due to this being a sport fish adventure boat with active guests. I finished work on the network and AV systems as well as the sewage treatment plant.

Mains: 2x MTU 2000 series VI2 1800KW. Gens: NORTHERN LIGHTS 1044 A2 65KW.

AV system: Crestron, Lutron, Sonos. Alarm system: Intellisea. Planned Maintenance: Manage My Vessel

2ND ENGINEER/ETO | M/Y DEJA VU | 692T-166' (50.3M) FEADSHIP | DEC '12-JULY '14

General operations & supervision of engine room, full servicing of 3 generators, refrigeration units, HVAC and Oily water separator. Main operator of all 4 davit cranes. Finishing all open jobs at the end of a large refit and bringing the boat back to condition for the season.

Mains: 2x CAT 3512b 1119KW. Gens: 3x NORTHERN LIGHTS 145KW 1098A2. AV system: Control 4, Alarm system: Palladium-Simon. Planned maintenance program: IDEA

DECK/ENGINEER | M/Y ELEMENT | 363T-140' (43M) CANTIERI DI PISA | JUNE-SEPT '12

DECK OPERATIONS: General exterior detail & wash down. Tender driver (36' / 12m Intrepid). Watch keeping, anchor watch, water sports, teak maintenance, varnish and paint repair.

ENGINEERING DUTIES: ER watches, fuel transfer & bunkers. Daily, weekly and monthly checks.

Mains: 2x MTU M90 4000 series VI6 2723KW. Gens: 2x Kooler 80KW. AV system: Crestron

2nd ENGINEER | M/Y TATASU | 544T-156' (47.5M) FEADSHIP | JAN-JUNE '12

Performed planned & service maintenance on main engines, generators and black water treatment system with associated pipework and valves. Replacement and insulation of six large three-phase motors, some Star and some Delta wound with associated close-coupled pumps. Rerunning of 24V cables for starter motors and alternators. Servicing and overhauling of valves on various systems. General ships husbandry and painting in the engine room. Assisting the deck crew while in the shipyard and washdowns.

Mains: 2x DETROIT 12V 149TI 883KW. **Gens:** 2x CAT 12KW

2nd ENGINEER | M/Y LEANDER | 1930T-246' (75M) PENNE-WERFT | SEPT-NOV '11

Duties on board: Repairing heavy corrosion in main storage areas, cleaning and painting. Full wash downs, Watches bridge, anchor, dive room and passerelle watch. I was in charge of the crew tender during the time we were at anchor, this included tender runs and picking up of supplies. As the only deck crew member who spoke fluent Spanish and English, most communications with contractors were dealt with through me.

References: Available on request.