OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

Last Updated
November 2023

Name : Shawn Elliott

Nationality : South African

Date of Birth : 24 August 1983

Surface Medical : Expires 16 May 2025

Yellow Fever : Expires N/A

Covid 19 Vaccination : 13 August 2021 (Johnson & Johnson); 19 August 2022 (Johnson & Johnson)

PERSONAL DETAILS

Email Address

Phone Number

Airport of Departure

 $\underline{shawn@progressive dives olutions.com}$

+27 84 644 3708

Cape Town International

DIVING RELATED CERTIFICATION

IOGP Diving Client Representative

IMCA Bell Diving Supervisor

HSE Closed Bell Diver

Assessor

Department of Labor Class 2 Diving Instructor

Department of Labor Class 2 Diving Supervisor

Department of Labor Class 2 Air Diver

Dive System Audit and Assurance

Dive Medic Technician

Advanced Oxygen Administrator

DP Awareness

SAFETY TRAINING

OPITO FOET - Offshore Survival

OPITO H2S

Loss Prevention System with SSHE Induction

WHO: COVID-19 Operational and preparedness

NEBOSH - Incident Investigation

NEBOSH – Managing Risks and Risk Assessments at Work

PROJECT & QUALITY MANAGEMENT CERTIFICATION

PRINCE2® Foundation in Project Management

Introduction to Project Management

CAPM® Preparation Training

Introduction to ISO 9001: QSL ISO Quality Services

ISO 9001:2015 In-Depth Certificate

Facilitator of Learning ("Train the Trainer")

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OTHER CERTIFICATION

AutoCAD: Beginner to Professional Training Technical Drawing for Design and Drafting

SKILLS/EXPERIENCE SUMMARY

I have over 20 years working experience on inshore and offshore air and saturation projects as Diver, Supervisor, Superintendent, Life support technician, Dive medic technician, Subsea Intervention Manager, Client Diving/Site Representative, expeditor, technical advisor and project manager.

I have qualifications and experience in dive system audits and assurance and am up to date with the latest IMCA requirements in D011, D018, D023, D024, D037, D040, D053.

I have a vast amount of experience using pneumatic and hydraulic hand tools, hydraulic bolt tensioning, lift bags, diamond wire and hydraulic cutters, smart flanges, HP and LP water jetting, metrology, wet welding, Brocco cutting and underwater NDT methods and equipment.

I have experience in riser installations, spool installations, riser clamps, PLEM installations, subsea valve replacements, SBM installations, maintenance and replacements, X-MAS tree interventions, flexible riser tie-inns, anode installations, leak intervention, hot tapping, free span mitigation, FPSO installations, maintenance and change outs, SSIV installations, subsea hose and floating hose installations and change outs, pipe laying of 6 inch to 42 inch pipelines, pipeline burial and trenching, subsea excavation and dredging, GVI, CVI, CP, UT, MPI, ACFM, TOFD.

I have experience in creating risk assessments, JSAs and HIRA documents, procedures, task plans, work instructions, toolbox talks, DPRs, project planning and execution, reporting, writing of manuals and training materials and creating of project proposal documentation, dive system audits and competence assessments using various Microsoft Office programs, including project scheduling using MS Project..

I am a qualified facilitator of learning and am registered as a commercial diving instructor. Between offshore contracts I manage and instruct commercial diving courses and IMCA trainee dive supervisor courses and have written manuals and course materials for both air and saturation diving supervisor courses, dive system auditor and client diving representative courses, introduction to dynamic positioning and diving leadership courses. I am also a certified Assessor and have experience in carrying out assessments for a variety of competence assessment schemes and job roles.

I completed studies in project management through the University of Adelaide and have completed my CAPM® preparation training and am certified PRINCE2® Foundation in project management. I have experience in carrying out the processes of a project life cycle, and the PDCA cycle. I have completed introductory and in-depth studies of ISO 9001:2015 quality assurance and have an established understanding of the principals required for effective quality management.

I have completed NEBOSH studies in incident investigation and risk management and assessments and strongly promote safe planning and execution of all projects and tasks.

EMPLOYMENT HISTORY					
Company/Location	Client	Dates	Position	Vessel / Project Info	
Progressive Dive Solutions	Various	15 August 2023 – 03 November 2023	Diving Technical Advisor	Hired as a 3 rd Party technical advisor for various diving contractors to create and review diving procedures and risk assessments for their upcoming and current projects.	



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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Company/Location	Client	Dates	Position	Vessel / Project Info
				Review and provide comments for their diving operations manual, identifying shortfalls and latest changes to industry guidance documents to be included in their 2024 revisions.
Octomar Maritime Services Abidjan, Ivory Coast	Saipem; ENI	7 March 2023 – 7 August 2023	Dive Superintendent / OPM	Topaz Resolve Responsible for planning and execution of all diving operations. Writing of dive task plans, reporting, scheduling, logistics, liaising with client, assessment of dive team competencies, MOCs, risk assessments. FPSO Firenze installation – 8x mooring lines hook-up, 4x riser and 2x umbilicals hook-up.
Boskalis Offshore Dubai, UAE	Dubai Petroleum	31 October 2022 – 17 December 2022	Saturation Dive Superintendent	Constructor (DP2) Ensure Operations are carried out safely and in accordance with applicable regulations, codes and standards. Ensuring that required standards, work procedures and management of change are followed. Saturation and air diving IRM campaign. Installation of refurbished SPM
Boskalis Offshore Dubai, UAE	Dubai Petroleum	29 August 2022 – 21 October 2022	Saturation Diving Supervisor	Constructor (DP2) Remove leaking 6-inch Glycol injection valve assembly. UT inspection of damaged/buckle 18-inch pipeline and metrology. Riser clamp bolt replacement on 18-inch riser. 16-inch leak repair – DWC, Smart flanges and 3x spool pieces.
TechnipFMC Coral South, Mozambique	Coral FLNG SA	17 January 2022 – 21 May 2022	Diving Technical Advisor	Topaz Amani (DP2) Coral South FLNG installation and flexible riser installation.



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Company/Location	Client	Dates	Position	Vessel / Project Info
				Create, review, comment and advise on project documents, HIRA meetings, writing of procedures and day-to-day reporting. D023 audit of dive spread and onshore hyperbaric facility. Ensure operations are carried out safely and in accordance with applicable regulations, codes and standards. Ensuring that required standards, work procedures and management of change are followed by the Subcontractor. Oversee Sub-contractor compliance with contract and keep a log of events, instructions and communications. Report, review and intervene as deemed necessary on the conduct of the operations and the follow-up of the Sub-contractors' contractual processes.
Octomar Maritime Services Luanda, Angola	Somoil	20 September 2021 – 24 October 2021	Dive Superintendent / OPM	Maersk Inventor (DP2) Responsible for planning and execution of all diving operations. Writing of dive task plans, HIRA, mobilization plan, lift plans, reporting, logistics, liaising with client, assessment of dive team competencies. Rigging, lifting, deployment and installation of 6-inch riser at Cavala-A Platform in Block 2-05.
Octomar Maritime Services Luanda, Angola	Total	28 April 2021 – 07 July 2021	Dive Superintendent	Bourbon Explorer 504 (DP2) Responsible for planning and execution of all diving operations for IRM contract servicing Total Block 17 and 32, Dalia, Girassol, Clov, Pazflor, Koambo Norte, Koambo Sul FPSOs and OLT Buoys. Writing of dive task plans, job risk assessments, reporting, logistics,



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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				liaising with client, assessment of dive team competencies.
Total E&P Mozambique Afungi Bay, Mozambique		01 February 2021 – 05 March 2021	Client Site Representative/ Dredging	Artemis CSD/Bluefort Dredging of trench with cutter suction dredger through shallow water reef in lieu of pipelay. Ensure Operations are carried out safely and in accordance with applicable regulations, codes and standards. Ensuring that required standards, work procedures and management of change are followed by the Contractor. Oversee Contractor compliance with contract and keep a log of events, instructions and communications. Report, review and intervene as deemed necessary on the conduct of the operations and the follow-up of the Contractors contractual processes.
Total E&P Mozambique Afungi Bay, Mozambique		20 December 2020 – 01 February 2021	Client Site Representative/ Dive Lead	Montent Tide/Olga - Manage and coordinate 2 dive sites for Afungi Bay coral relocation of hard coral types in lieu of pipeline route excavation. Installation and population of artificial reef structures and coral nurseries with different types of hard coral morphologies. Ensure Operations are carried out safely and in accordance with applicable regulations, codes and standards. Ensuring that required standards, work procedures and management of change are followed by the Contractor. Oversee Contractor compliance with contract and keep a log of events, instructions and communications. Report, review and intervene as deemed necessary on the conduct of the



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				operations and the follow-up of the Contractors contractual processes.
Octomar Maritime Services Luanda, Angola	Total	03 September 2020 – 17 November 2020	Dive Superintendent	Bourbon Explorer 504 (DP2) Responsible for planning and execution of all diving operations for IRM contract servicing Total Block 17 and 32, Dalia, Girassol, Clov, Pazflor, Koambo Norte, Koambo Sul FPSOs and OLT Buoys
				Writing of dive task plans, job risk assessments, reporting, logistics, liaising with client, assessment of dive team competencies.
Total E&P Mozambique Cape Town, South Africa		26 June 2020 – 16 July 2020	Diving SME/ Diving Advisor	Advise, audit, and expedite sub- contractor's DDC build and mobilization from Cape Town to Mozambique.
Boskalis Offshore Dubai, UAE	Dubai Petroleum	13 January 2020 – 12 February 2020	Saturation Diving Supervisor	Constructor (DP2) IRM contract, including 2x 12" smart flange and spool installations. Inspection: GVI, CVI, UT, CP, MPI on various platforms and mid-water buoyancy tanks. 53 retrofit anode installations to pipelines.
Subtech Offshore Saudi Arabia	Subsea 7, Saudi Aramco	27 August 2019 – 10 September 2019	Saturation Diving Supervisor	Seven Champion (DP2) Spool piece installations – 36-inch and 16-inch spools.
Progressive Dive Solutions	Various	19 May 2019 - current	Founder / General Manager	Offshore, Diving, Subsea, Training specialist consulting company.
Langebaan, South Africa				Create business, safety and quality management systems. Writing company policies, procedures and manuals. Developing training materials and manuals for IMCA trainee air and saturation diving supervisors, Divesystems audit and assurance, Client Representative, Introduction



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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				to Dynamic Positioning and Diving leadership courses. DESIGN audits of diving systems. Supply services of consulting, client diving representative, diving supervisor, superintendent, OCM, instructor, project and operations management.	
C-DOC (Commercial Diving and Offshore Consultancy), SEADOG commercial diving school Saldanha Bay, South Africa	N/A	23 March 2015 – Ongoing	Training and Program Developer / Diving Instructor / Assessor	Instructor for IMCA Trainee Air Diving Supervisors courses. Offshore Air Diving Instructor. Presentations and lectures on offshore air diving, wet bell operations, SURD O2 operations, offshore safety, chamber operations. Supervising of all dives carried out on course. Develop online training materials for diving supervisors for D+MER online training platform.	
Allseas Black Sea, Turkey	South Stream Transport B.V	4 February 2019 – 21 March 2019	Subsea Intervention Manager / Dive Representative	Normand Poseidon (DP2) Monitor, advise and report on diving scope of work. Installation of buoyancy modules and rigging onto 2x 32" pipelines for above water tie-inn.	
Allseas Gulf of Mexico, USA	Valley Crossing Pipeline	16 July 2018 – 02 November 2018	Subsea Intervention Manager / Dive Representative	Chloe' Candies (DP2) 42" pipeline lowering using jet trencher. Review and advise on all aspects of subsea work scope and planning. Monitor the safety, efficiency and compliance of diving operations.	
Kreuz Subsea Mumbai, India	ONGC	28 April 2018 - 15 May 2018	Saturation Diving Supervisor	Kreuz Glorious Barge Pre-Mob desktop audit of 10 man saturation diving system. 6 man chamber, 4 man chamber, 3 man bell, 10 man HRC. Planning, procedures, risk assessments for work scope.	
Boskalis Subsea	Allseas	12 August 2017 - 01 October 2017	Air Diving Supervisor /	Nova K Multi Cat Removal and installations of MBUs	



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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				of pipeline. Air-lifting and excavations of lay down and initiation heads. Valve operations on lay down and initiation heads.
Boskalis Subsea Songkhla, Thailand	PTTEP	08 June 2017 - 11 July 2017	Saturation Diving Supervisor	MMA Prestige (DP2) Use diamond wire cutter to cut ou damaged 18" pipeline spool. Replace spool with inline spool, metrology and installation of closing spool. Grout bag installation.
Boskalis Subsea Abidjan, Cote d'Ivoire	Canadian Natural Resources	16 April 2017 - 13 May 2017	Saturation Diving Supervisor	SBM Installer (DP2) Removal of old 12" riser between FPSO – over mid-water arch – to PLEM. Install new 12" riser between PLEM and FPSO, over mid-water arch. Lift and sweep existing 12"pipeline.
Boskalis Subsea Soyo, Angola	Chevron	16 December 2016 - 21 January 2017	Air Diving Supervisor / Superintendent	Union Sovereign (DP2) Installation of saltwater cooling suction hose to caisson on newly installed FPSO Armada Olombendo.
Boskalis Subsea Dubai, UAE	Dubai Petroleum	02 July 2016 - 31 August 2016	Saturation and Air Diving Supervisor	SBM Installer (DP2) Complete removal of CALM buoy terminal (floating hose, chain anchor legs, subsea hoses and buoy). Installation of new CALM terminal, PLEM installation, pipeline tie-inn into PLEM, anchor piles, chain anchor legs, buoy, subsea hoses, floating hoses.
Boskalis Subsea Lagos, Nigeria	ExxonMobil	29 January 2016 - 13 March 2016	Saturation and Air Diving Supervisor	Lewek Connector (DP3) Removal and replacement of 2x 22" and 1x 23" flexible risers from FPSO to mid-water arch to PLEM. Removal and replacement of 2x 22" subsea hoses from CALM buo to mid-water arch to PLEM.



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Subtech Group Pointe Noire, Congo	Odjfell	26 November 2015 - 22 December 2015	Dive Superintendent	Deepsea Stavanger Semi- Submersible UWILD inspection, sealing of sea chests and ships side valves, anode replacement on thrusters, thrusters cleaning and polish, pontoon marine growth removal.
Boskalis Subsea Brunei	Brunei Shell Petroleum	06 September 2015 - 26 October 2015	Saturation Diver	Sapura 3000 Barge Installation of 5x 18" spool pieces. Removal and installation of 18"riser. Installation of 2x riser protection frames.
Boskalis Subsea Luanda, Angola	Saipem	24 May 2015 - 21 July 2015	Saturation Diving Supervisor	Normand Cutter (DP3) Leak interrogation and repair on 3: PLEM locations ranging between 48m and 117m. Replace 68 x 2 incl gaskets.
Boskalis Subsea Dubai, UAE	Dubai Petroleum	19 September 2014 - 26 November 2014	Trainee Saturation Diving Supervisor	Smit Komodo (DP2) Conductor guide installation, Debris clearance, PLEM hp water jetting and inspection, Anode installation, 2 x PLIDCO clamp installations on leaking 8" gas pipeline.
Boskalis Subsea Malaysia	Total	21 February 2014 - 17 April 2014	Trainee Saturation Diving Supervisor	SK 900 Barge Mobilize portable sat system onto barge. Supervise the removal of dummy spool and laydown head, Installation of 2 X 18" spool pieces
Boskalis Subsea Malaysia	Petronas	14 January 2014 - 27 January 2014	Trainee Saturation Diving Supervisor	Lewek Champion Barge Mobilize sat system for FPSO decommissioning and subsea structures removal.
Leighton Offshore	Iraq Gas	27 July 2013 - 31 August 2013	Dive Superintendent	Leighton Eclipse Barge 24 hour SURD O2 diving operation off a pipelay barge, 24" subsea hose installations, PLEM PUP piec and SBM PUP piece installations of



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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				2 SBMs. Writing of procedures, task plans, risk analysis, and JSAs.
Smit Subsea Malaysia	ExxonMobil	17 May 2013 - 04 July 2013	Saturation Diver	Bourbon Evolution 803 (DP3) Installation of riser clamps, risers and I-Tubes.
Smit Subsea Equatorial Guinea	Hess	18 January 2013 - 21 February 2013	Saturation Diver	Smit Constructor (DP2) Removal of old and installation of new subsea hose and buoyancy tank between FPSO and PLEM and also between CALM buoy and PLEM. Installation of 16 fibre opticlamps onto the tendons of 2 sensubmersible platforms.
Smit Subsea Port Gentil, Gabon	Total	03 October 2012 - 14 November 2012	Saturation Diver	Alliance (DP2) 2 X hot tap installations, 6" into 8 and a 6" into 10". Tie-inn new pipelines into hot taps. Survey an plot new laid pipelines, install rubber protection onto pipeline crossing locations. Remove and install concrete mattresses. Instal I-tube clamps onto platform, with UT readings on both.
Smit Subsea Port Gentil, Gabon	Total	03 August 2012 - 15 September 2012	Air Diver	Alliance (DP2) Installation of anodes onto platforms, laying and pull-inns of 10" flexible pipelines, installation of mattresses and pipeline survey
Smit Subsea Jakarta, Indonesia	Chevron	25 April 2012 - 19 May 2012	Saturation Diver	Kuber Barge 2 x spool piece metrologies, installation and tie-inn of 2 x 24" spool pieces. Installation of 2 x Y- piece protection covers.
Seadog Diving Services Saldanha Bay, South Africa	NPA	05 January 2012 - 04 March 2012	Project Manager	Scheduling and costing for diving jobs, sourcing materials, invoicing writing JSA's, risk analysis and procedures. Supervising air divers on surface supply and Wet Bell fo various civil and shipping jobs.



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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Smit Subsea Port Harcourt, Nigeria	Shell	13 November 2011 - 24 December 2011	Saturation Diver	Dynamic Installer (DP2) Tie-inn of 2 x 5" flexible pipelines into X-mas tree. Installation of 3 x UTAs onto mud mat and install electrical and hydraulic jumpers.
Smit Subsea Luanda, Angola & Pointe Noire, Congo	Total, Saipem	10 August 2011 - 18 October 2011	Saturation Diver	Dynamic Installer (DP2) Free span survey, installation and filling of 76 grout bags varying in size from 6m x 2m x 0.3m to 24m 3m 1.2m, to correct excessive free span locations. Installation of 8" I-Tube and clamps. Connection of continuity cables from 15 anode racks to platform, sandbag continuity cables to seabed.
Smit Subsea Port Harcourt, Nigeria	ExxonMobil	17 May 2011 - 8 June 2011	Air Diver	SB 230 Barge Removal of 24" blind flange and laydown head. Installation and removal of Pig launcher. Change valve configuration on launcher fo pigging. Metrology of spool piece. Tie inn and hydratight of 24" spoo
Smit Subsea Port Harcourt, Nigeria	ExxonMobil	29 January 2011 - 23 March 2011	Air Diver	SB 230 Barge 3 x 24" beach pulls and pipe laying
Smit Subsea Port Harcourt, Nigeria	ExxonMobil	30 August 2010 - 20 October 2010	Air Diver	SB 230 Barge Removal of old riser clamps, installation of new riser clamps an 24" riser. Laying of mattresses at crossings, HP water jetting.
Smit Subsea Escravos, Nigeria	Chevron	14 February 2010 - 3 March 2010	Saturation Diver	Dynamic Installer (DP2) Replace leaking AX ring on 8" flexible hose from PLEM to midwater arch. Resurfacing flanges between PLEM and subsea hose of SBM.
Smit Subsea Shekou, China	South China Oil	16 August 2009 - 4 October 2009	Saturation Diver	Atlantic Challenger (DP2) Spool piece metrology. Installation of 8 x 12" spool pieces, removal of laydown heads and pig catchers.



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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Smit Subsea Port Harcourt. Nigeria	Total	10 March 2009 - 30 April 2009	Air Diver	Dynamic Installer (DP2) Removal and installation of 2 x SBMs, 2 x 16", 2 x 12" Subsea hoses, 2 x 16" and 2 x 12" PLEM valves, replacement of inclinometers on chain legs, 12" bypass hose and floating hose installation.	
Caldive International Kakinada, India	BPCL, HPCL, GAIL	18 October 2008 - 26 November 2008	Saturation Diver	Caldive Eclipse (DP2) Installation of 24" spool pieces.	
Caldive International Kakinada, India	BPCL, HPCL, GAIL	06 July 2008 - 11 August 2008	Saturation Diver	Caldive Eclipse (DP2) Installation of 24" spool pieces.	
Acergy Offshore Escravos, Nigeria	Chevron	10 April 2008 - 01 June 200	Air Diver	Acergy Legend (DP2) Installations of bell housings on FPSO, 18" Spool piece tie in on FPSO and SBM. Umbilical and pipeline pull-ins to FPSO and SBM.	
Superior Offshore Trinidad	ВР	04 December 2007 - 14 December 2007	Saturation Diver	Gulmar Condor (DP2) Installations of 18" Spool pieces.	
Caldive International Texas, USA	Elpaso	29 June 2007 - 23 July 2007	Saturation Diver	Seaway Kestrel (DP2) Installation of 24" riser, riser clamps and Spool piece tie-inn.	
Smit Terminals West Africa Pointe Noire, Congo & Luanda, Angola	Saipem, Total	19 April 2007 - 31 May 2007	Saturation Diver	Dynamic Installer (DP2) Tie-inn 2 x 4" pipelines, installation of protective coatings on pipelines Adjustment of 2 electrical cables from FPSO over buoyancy tank to PLEM. Replacement and torqueing of bolts on riser clamps.	
Smit Terminals West Africa Luanda, Angola & Pointe Noire, Congo &	Saipem, Vaalco, Total	28 December 2006 - 20 February 2007	Saturation Diver	Dynamic Installer (DP2) Installation of 2 x 10", 4 x 8" spool pieces on riser tower. Riser clamp hydratighting and torqueing. Weld cleaning of horizontal member to	



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Port Gentil, Gabon				structure leg for damage inspection. Install 8" flexible pipeline to PLEM. Hydratighting.
Smit Terminals West Africa Port Harcourt, Nigeria	Exxon	02 June 2006 - 03 September 2006	Saturation Diver	Dynamic Installer (DP2) Metrology and installation of 2 x 18" and 2 x 20" spool pieces, Installation of cover on SSIV, laying and tie-inn of 4" umbilical, laying of 180 concrete mattresses. Disconnection of 4" flexible pipeline from PLEM, recovery of 2 4" flexible pipelines, laying and tie-inn of a 5" flexible pipeline. Installation of 5 x 10" riser clamps and 10" pipeline and risers, 48 mattresses, and a boat landing.
Smit Terminals West Africa Takoradi, Ghana	CBM Terminals	09 March 2006 – 24 March 2006	Air Diver	Dynamic Installer (DP2) Relay 2 chain legs, re-tension 6 chain legs. Repair 18" leaking flange from PLEM to spool piece. Free span correction.
Smit Terminals West Africa Luanda & Soyo, Angola	Chevron, Total	10 February 2006 - 03 March 2006	Air Diver	Dynamic Installer (DP2) 2 x CALM buoy and 16" subsea hose change-outs, floating hose installation. Repair to 6" FPSO gas jumper.
Smit Terminals West Africa Douala, Cameroon	Perenco	01 December 2005 - 15 December 2005	Lift Support Technician	Dynamic Installer (DP2) LST. Change out of 20" flexible hoses from PLEM to buoyancy tan to CALM buoy, 20" flexible riser from PLEM to FSO, 2 buoyancy tanks.
Stapem Offshore Soyo, Angola	ExxonMobil	30 September 2005 - 5 November 2005	Air Diver	Dynamic Installer (DP2) Removal and replacement of 3 x 20" subsea hoses from PLEM to buoyancy tank to FSO and 20" steep-S configuration from PLEM to CALM buoy. Change out of 4 x 12" valves and 5 x 20" valves.
Smit Terminals West	Shell, Vaalco,	23 June 2005 - 03	Lift Support	Dynamic Installer (DP2)

OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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Africa & Stapem Offshore Pointe Noire, Congo & Luanda, Angola	Total	August 2005	Technician	LST. Tie-inn if control umbilical and installation of 5x electrical, gas and hydraulic jumpers. Installation of 8 x 34" riser clamps and risers, and 4 x 24" riser clamps and risers to Girassol FPSO.		
Smit Terminals West Africa Takoradi, Ghana	CBM Terminals	16 April 2005 - 17 May 2005	Air Diver	Dynamic Installer (DP2) Installation of 2 complete offloading terminals, gravity bases, CALM buoys, SPM, anchor chains, 36" PLEM and 18" PLEM, 36" spool piece, 18" spool piece, 3 x sub-sea hoses, 2 x floating hoses.		
Smit Terminals West Africa Luanda, Angola	Total	10 March 2005 - 6 April 2005	Air Diver	Dynamic Installer (DP2) Sat support. Installation of plidco clamp on 12" pipeline. Installation of two morgrip quick flanges and spool piece on 8" pipeline. Installation of mid water arch. Laying and tie-in of 2 x 6"and 4" flow lines and control umbilical.		
Smit Terminals West Africa Pointe Noire, Congo	Saipem	28 December 2004 - 11 February 2005	Air Diver	Dynamic Installer (DP2) Sat support. Mid-water riser bundle clamp installation. Broco cheek plates off riser skid.		
Hydrodive Port Harcourt, Nigeria	ExxonMobil, Saipem	5 October 2004 - 10 December 2004	Air Diver & Surface Mixed Gas Diver	HD Inspector & HD Challenger 6" riser installation and tie-in. Installation of ignition cable to flare. Inspection of leaking X-mas tree and pipeline at 79m.		
Hydrodive Port Harcourt, Nigeria	Shell, Total, Chevron, ExxonMobil	18 June 2004 - 11 September 2004	Air Diver & Surface Mixed Gas Diver	HD Inspector/HD Challenger/ Adams Surveyor (DP2)/ Akademik Golitsyn (DP2) Mixed gas dive to 75m on 16/84 Heliox to recover fouled ROV. 18" subsea hose pull-in on Bonga SBM. Pigging and pressure testing. Recovery, repair and laying of a fibre-optic cable. Inspection of SBM and PLEM, CP and UT readings on both.		



OGP Client Representative Dive Superintendent/Supervisor - Air and Saturation Project Manager

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Hydrodive	Chevron	31 January 2004 - 27 April 2004	Air Diver	Brazos Horizon Barge 6" Pipe laying, riser stalk and stab-		
Port Harcourt, Nigeria				inns and riser clamp installation. Crossings and sand bagging.		
Subtech Diving and	Various	February 2002 -	Inshore dive	Various Small Craft/ Shipping,		
Marine		December 2003	supervisor, Air Diver	civils, salvage and dredging. Repair, maintenance and fabrication of		
Dormac				diving equipment and machinery. Construction of break water. Inland		
Coega, Durban,				dam inspection, maintenance and		
Richards Bay, South Africa				repairs.		