



Infinity Offshore

General Capabilities O & G

July 2020

- Infinity Offshore is an independent Project Management and Engineering company executing projects both on or under water. We are a team of delivery focussed professionals providing bespoke solutions in difficult and challenging environments.
- From our base in Perth, Western Australia, we assist oil and gas operators, contractors, engineering houses, OEMs, government, and the financial sector, in the upstream oil and gas, renewable energy, and marine construction industries.
- We plan the work, drive the schedule and run successful operations for our clients.
- Our business systems are certified to ISO 9001:2015.



- **Delivery Focussed:** We take projects with clients that we trust, and deliver solutions to de-risk their construction projects on and under water.
- **Bespoke:** We provide our clients with high quality bespoke engineering and management services. We are professional and experienced and maintain a track record of excellence.
- **Trustworthy:** We work with clients and colleagues that we trust. We are adaptable and resilient and our independence assures unbiased services for our clients in their best interest.
- **Responsible:** we work as a team and we take responsibility for our actions and the actions of the people we work with. The buck stops with us.



Robert Ash | Engineering and Installation Manager
Over 25 years of Installation management and construction engineering in the offshore upstream oil & gas industry.

Paul Johnstone | HSE Manager

Over 20 years experience in a range of commercial, compliance, and HSE management roles, with a focus on offshore oil & gas and construction projects since 2008.



Geert Hulst | Project Director / Project Manager / Client Rep
Over 25 years international EPIC experience in offshore construction. Specialist in project & operational management with P&L responsibility for over USD\$150M of projects.

Chris Merrick (CPEng) | Principal Subsea Engineer

Over 19 years subsea projects, operations and IMR experience including commercial management roles specific to the offshore oil and gas industry.





Simon Renwick (CPEng) | Senior Project Engineer

Over 15 years engineering experience in the oil & gas and renewables sectors including spool fabrication, offshore operations, loadout and client site representative roles.

Alan Gibson | Lead Structural Engineer

26 years experience as a structural engineer on projects involving pipelay, deck haulage systems, mooring installation, subsea structures, driven & suction pile installation, heavy lift, and, TLP, jacket & topsides installation.



Oliver Meegan | Project Engineer

7 years experience, both onshore and offshore, for installation, marine construction, and geotechnical projects in the upstream oil & gas and infrastructure industries.

Philbert Lu | Accounts & Finance

10 years experience as a project accountant including project cost control, invoicing and forecasting.



Capabilities



- Project Management and Engineering
- Consulting services, constructability and risk reviews.
- Procurement and Subcontractor management
- Transportation, Logistics and Planning
- Broad range of package delivery experience with the key subsea hardware vendors
- Contracting strategy and budgeting.
- Offshore construction management, site supervision and HSE.
- Hook-up and pre-commissioning management

- Installation analysis, mooring, flexibles, floating facilities
- Installation procedure development
- Heavy lift and load-out engineering
- Rigging design and lift planning
- Structural and procedural drafting
- Hydrodynamic lift analysis
- Structural design

- HSE Management planning and document development
- Vessel and Facility safety case development
- Occupational health and safety
- Environmental management
- Site OH & S coordinators
- Safety system implementation
- Reporting and continuous improvement
- Lessons learnt workshops

- Risk assessment, asset integrity and corrosion management
- Engineering Criticality Assessment
- IMR operations planning, execution and reporting
- Vessel Operations, ROV and Diver Interventions
- Production operations and field operations
- Pipeline and structural inspection policy, plans, procedures
- Control System intervention and troubleshooting

- Project construction cost estimating
- Construction vessel costing and benchmarking
- Loadout and ocean transportation studies
- Installation studies
- Feasibility, constructability, and design reviews
- Project risk profiling and risk workshops
- Contracting strategy development
- Tender document development
- Marine Warranty Surveyor interface
- Site representation

Track Record



- Infinity has worked on the client side for a number of projects including;

Field	Project	Year	Client
Pohokura NZ	Pohokura pipeline replacement project. Client reps and contractor management	2018	Shell Tarinaki
Ichthys	Ichthys phase 2	2018	INPEX
Prelude FLNG	Prelude water intake riser	2018	Shell
Montara	Wellhead remedial works	2017	PTTEP
Karratha Gas Plant	Managed marine scope of the LNG upgrade project for Woodside	2014	Woodside via Wood group PSN

- Infinity have managed the procurement, construction, installation, operations and maintenance of subsea umbilicals, risers and flowlines.

Field	Project	Year	Client
Julimar	23km of umbilical including SDUs and EHFLs, 1200t manifolds, tie-in spools and pre-com in 150m of water.	2016	EMAS Chiyoda for Woodside
Montara	Initial Risk Assessments and AIMS Commissioning for SURF Assets	2013-2015	PTTEP
Gorgon	Installation of 20 structures up to 1,200t in 1,350m of water.	2014	Subsea7 for Chevron
Ichthys	Trunkline installation	2014	Saipem for INPEX
Coniston	6.5km of umbilical including SDUs and EHFLs, 24km of flowlines, 2 manifolds in 380m of water, Pre-com.	2013	EMAS for Apache



- Infinity have executed recent construction projects deploying carbon steel and CRA spools from 2" to 44" diameter, employing horizontal and vertical connectors on BHGE, FMC and OneSubsea systems.

Field	Project	Year	Client	# Spools
Julimar	Spool Fabrication, Load out and Installation	2016	EMAS Chiyoda/Woodside	17
Prelude	Review of Spool Installation Procedures	2015	Technip/Shell	16
Gorgon	Spool Fabrication	2014	Subsea7/Chevron	63
Coniston	Spool Fabrication, Load out and Installation	2013	EMAS/Apache	13

Spool Fabrication



- Infinity has provided numerous consulting services to a wide variety of upstream oil and gas participants. Some key activities are shown below.

Client	Scope
Clough	Water handling module installation tender support
Heerema	Gorgon stage 2 tender support
Sapura Energy	Tender support and various projects
Neptune	PDP preparation
Fugro	DSMS preparation

Client	Scope
BHP	ROV Audit and client rep.
Technip FMC	Prelude technical support
DORIS	Business development and subsea Integrity
Baker Hughes	HSE Management
Deep Sea Mooring	Offshore construction management



Summary

We are a delivery focussed, independent PM&E service provider for projects on or under water.

We have extensive experience in upstream oil and gas projects and can be trusted to give professional and impartial advice to clients.

We want to work with our clients and partners to execute projects safely, on time, on budget, returning the best outcome for all stakeholders.

Other Infinity business lines include:

- Marine Infrastructure

- Desalination
- Jetties
- Bridges



- Renewable energy projects both onshore and offshore

- Onshore wind and PV
- Offshore wind and wave



Infinity Offshore

How can we help?



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