



Treant General Contractors Limited

MARINE SERVICES

DIVING SERVICES

REMOTE OPERATED VEHICLE
(ROV) SERVICES



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WHO ARE WE ?

Treant General Contractors Ltd (TGCL) is a Safe to Work (STOW) certified, multi-faceted, progressive company delivering high-quality products and general services to both domestic and commercial clients. The company was founded in 2007 and officially commenced operations in 2009.

Since its inception, TGCL has experienced steady growth driven largely by repeat business and referrals from our private sector clientele. This strong foundation has enabled the company to successfully expand into the public sector. Over the past fifteen (15) years, our portfolio has grown significantly and now includes various government agencies, high-profile private sector conglomerates, and clients within the petrochemical industry.

As part of our continued expansion and commitment to service excellence, TGCL has broadened its offerings to include a highly skilled commercial diving team and an advanced Underwater Remotely Operated Vehicle (ROV) division.

Having assembled a qualified and experienced team of Diving and ROV professionals, supported by specialized equipment and accessories, we are pleased to extend these professional underwater services to your organization

DIVING SERVICES

We at TGCL pride ourselves on the ability to provide quality service, bearing this in mind we assembled a crew suitable to supply all aspects of diving services your company may require.

Our crew possesses the ability to conduct any and all of these services :

- **Underwater Inspections**
- **Underwater Construction**
- **Underwater Clamp Installation**
- **Underwater NDT Testing & Inspections**
- **Underwater Welding**
- **Pipeline Repairs**
- **Pipeline Inspections**
- **Installation of Braces in Riser**
- **Riser Inspection**
- **Riser Repairs**
- **Riser Protection (NRI Wrapping)**

OUR DIVE CREW

Our dive crew consists of IMCA-certified and highly experienced personnel with extensive expertise in underwater inspections, pipeline repairs, maintenance, and subsea surveys.

Over the past several years, members of our team have successfully executed numerous dive operations for a wide range of clients throughout Trinidad and Tobago and internationally.

Our team comprises internationally trained divers and IMCA-certified personnel who are fully equipped, competent, and qualified to safely and efficiently undertake all commercial diving activities in accordance with industry standards and best practices.

DIVE PERSONNEL

Our crew of qualified & competent divers comprises of the following:

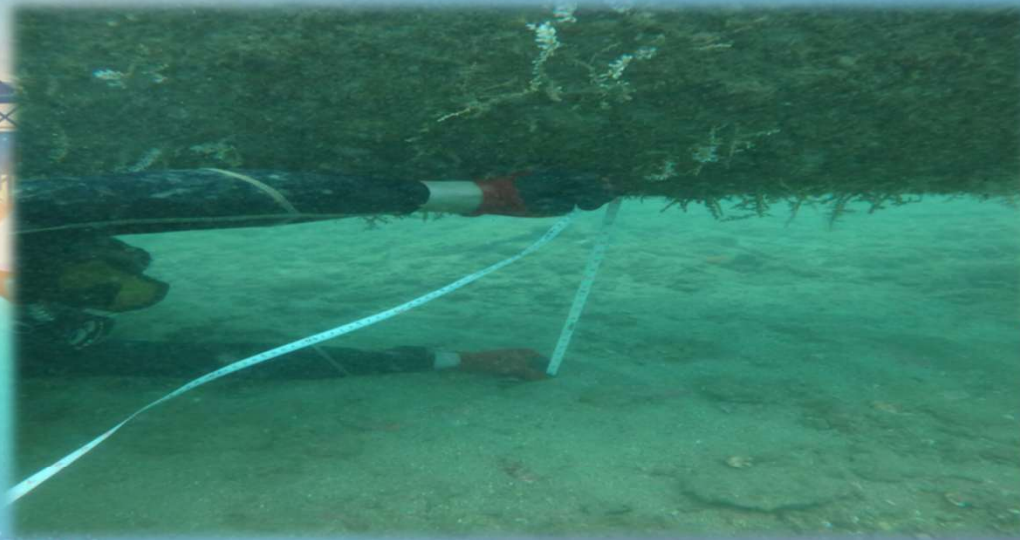
- Dive Superintendent
- Dive Supervisor
- Dive Medic Technician (DMT)
- Saturation Divers (SAT Diver)
- Commercial Dive Technician
- Air Divers
- Tenders
- Riggers

DIVE OPERATIONS

Some of TGCL's successful diving operations include :

- Locate & clamp 8" Pipeline (Trinity Exploration) - September 2023
- Cut & Clear Fish Net on platform leg (Trinity Delta Platform) - August 2023
- 18" PA -GAL Pipeline Leak Repair (Perenco)- August 2023
- Inspection of 18" PA GAL Line for Leak & 10" Route (Perenco) – June 2023
- Removal & Replacement of V-Notch Structure on Platform Bravo (Trinity) – January 2023
- Surveillance to locate leak point & Leak repair (Trinity) - 2022
- Inspection of Clamps & Replacement of Broken Studs - Bravo V Notch (Trinity Platform) - 2021

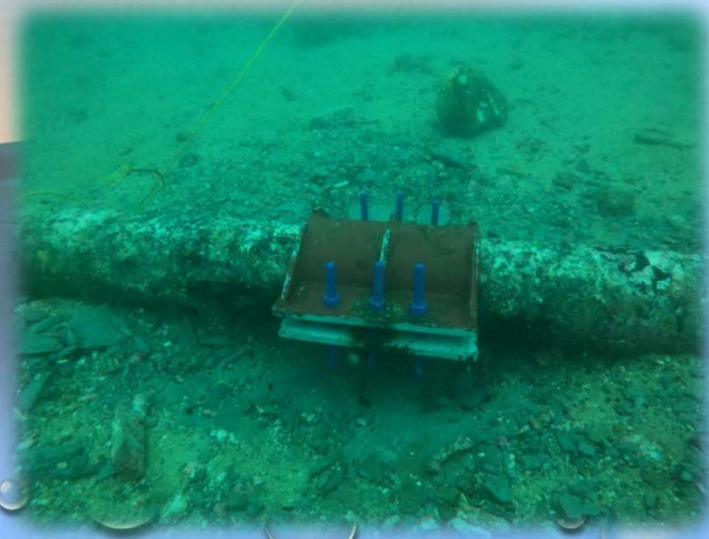
18" PIPELINE SURVEY – PERENCO





**INSTALLATION OF
BRACES ON RISER
(CUTTING & WELDING)**

INSTALLATION OF A 8" CLAMP



18" PLIDCO CLAMP INSTALLATION



PLIDCO CLAMP INSTALLATION



OUR EQUIPMENT

DNV OFFSHORE CONTAINER EQUIPPED WITH:

- **DIVING DECOMPRESSION CHAMBER**
- **INSULTATION & A/C INSTALLED**
- **THREE DIVER MIXED GAS PANEL**
- **AMRON RADIOS**
- **OUTLAND DIVER VIDEO SYSTEMS**



MIXED GAS PANEL



- **ENGINE DRIVEN HYDRAULIC POWER PACK**
- **ENGINE DRIVEN LP DIVE COMPRESSOR QUINCY 5120**
- **ELECTRICAL LP DRIVEN COMPRESSOR QUINCY 5120**



LAUNCH & RECOVERY SYSTEM (LARS)



REMOTE OPERATED VEHICLE (ROV)



WHAT IS AN ROV ?

- A Remote Operated Vehicle (ROV) is an unmanned underwater robotic system that is connected to a vessel or control station via a tether cable system. This tether transmits power, video feed, and command signals between the operator and the ROV, enabling precise remote control, navigation, and real-time monitoring of underwater operations.
- ROVs are typically equipped with high-definition video cameras, powerful lighting systems, sonar technology, and, in some configurations, an articulating manipulator arm. The manipulator arm allows operators to perform light intervention tasks such as retrieving objects, cutting lines or debris, turning valves, and attaching lifting slings or hooks to larger subsea structures.
- These capabilities make ROV systems an essential tool for inspections, surveys, maintenance, and recovery operations in environments where diver deployment may be limited or hazardous.

WHAT TYPE OR ROV DO WE USE ?

CHASING M2 PRO MAX is an industrial-grade Remote Operated Vehicle (ROV) engineered specifically for government and enterprise applications. It incorporates a next-generation accessory mounting system, enabling quick and efficient assembly and disassembly to enhance operational flexibility in the field.

Equipped with an advanced shore-based power supply system and an upgraded high-performance floodlight design, the M2 PRO MAX delivers extended operational endurance, improved illumination, and enhanced reliability in demanding underwater environments.

Designed to meet the rigorous demands of industrial users, the CHASING M2 PRO MAX provides a more user-friendly, professional, and dependable solution for underwater inspections, surveys, maintenance, and specialized subsea operations.

WHAT CAN AN ROV DO ?

CHASING M2 PRO MAX is engineered with exceptional expandability, enabling it to deliver innovative and practical solutions across a wide range of underwater applications. These include search and rescue operations, vessel and hull inspections, aquaculture and fish farming support, hydro dam and reservoir inspections, water utility assessments, environmental protection surveys, as well as offshore inspections and monitoring. The ROV is capable of operating at depths of up to 200 meters (656 feet) with a maximum horizontal radius of 400 meters (1,312 feet), allowing for extensive coverage during subsea operations.

Our system can simultaneously mount up to five (5) accessories using a quick-mount and release mechanism and is adaptable to more than twenty (20) different attachments, providing operational flexibility to suit specific project requirements.

The shore-based power supply system delivers up to 1500W output power, significantly extending operational duration and ensuring consistent performance during prolonged missions.

Additionally, the integrated imaging sonar enables terrain scanning, target detection, and object recognition beyond normal visual capability. This feature ensures effective performance in low-visibility underwater environments where conventional optical systems may be limited.

ROV OPERATIONS



ROV OPERATIONS



ROV IMAGE



ROV SERVICES

- **Licensed & Experienced Pilots (Air & Sea)**
On Call Team available 24/7 to provide surveillance, emergency response, video footage (Day & night)
- **Underwater ROV inspections**
- **Marine Sample collection (water, soil, objects etc.)**
- **Coordinates recording**
- **ROV modification to supply client's requirements**

OUR COMMITMENT

Treant General Contractors Ltd (TGCL) remains committed to delivering safe, efficient, and high-quality underwater solutions tailored to your operational requirements. Our IMCA-certified divers, experienced ROV personnel, and specialized equipment position us to execute all diving and subsea activities in strict accordance with industry standards, safety regulations, and best practices.

We are confident that our expertise, proven track record, and commitment to excellence will add measurable value to your operations. TGCL looks forward to the opportunity to partner with your organization and to provide reliable, professional diving and subsea support services.



Treant General Contractors Limited

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