ATLANTIC SERVICES

PRESENTATION

PRESENTATION



Your need, Our experience

INTRODUCTION

OUR SERVICES

- EPCIC – Engineering, Procurement, Construction, Installation and Commission
- IRM – Inspection, Repairs and Maintenance
- Marine Support
- Electronics
- Telecoms & Electrical Engineering
- Technical Consultancy and Training





COMPANY'S PRESENTATION

- Founded in 2007,ATLANTIC SERVICES S.L., is a technical assistance, industrial maintenance and operational services company that offer to support you on a day-to-day basis in carrying out your projects.

- Specialized in specific services, we offer our clients our know-how to help them from the design to the realization of projects, offering services, equipment and a highly experienced and qualified workforce.

- Thus, through this variety of services,ATLANTIC SERVICES, is positioned as your unique and dedicated contact, special in its field of activity and centralizing different technical and operational skills, for a better design and implementation in the following areas

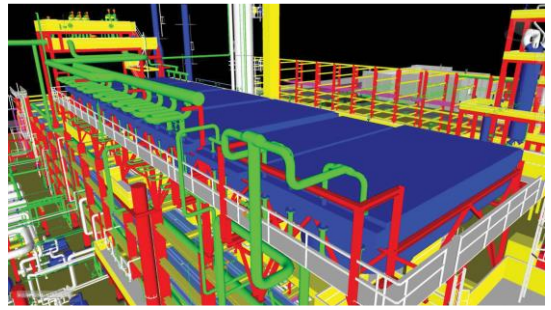


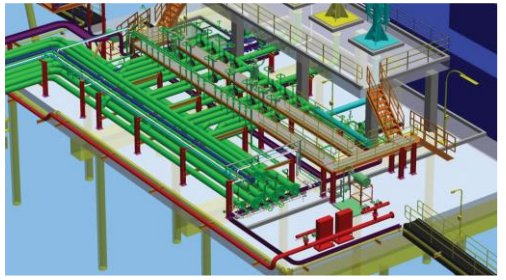


EPCIC – ENGINEERING

- Process Engineering
- Mechanical Engineering
- Civil & Structural Engineering
- Electrical & Instrumentation Engineering
- Plant 3D Model
- Construction Drawings
- Automated MTO
- Positioning Engineering

Your need, Our experience





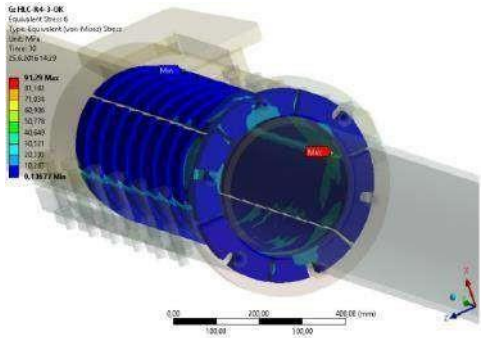
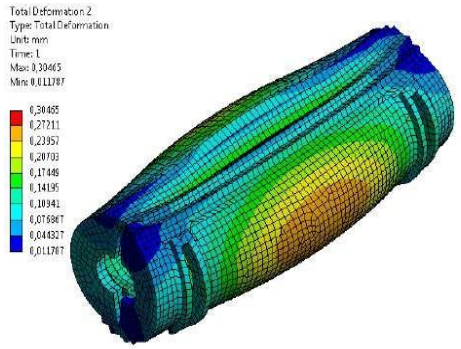
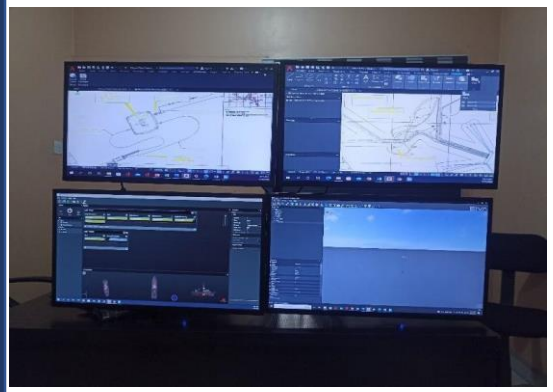


Figure 23 von Mises Stress Clamping segments - improved design





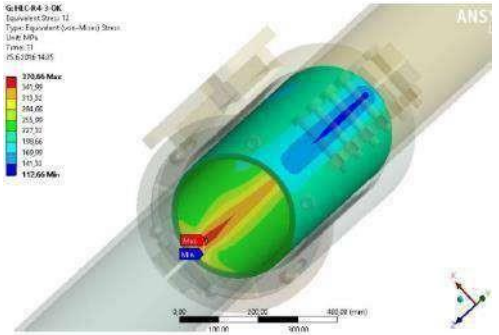
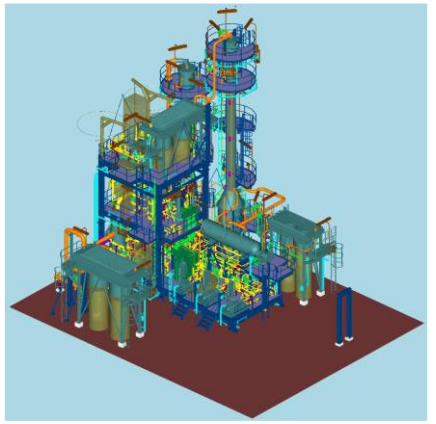


Figure 28 von Mises stress riser pipe - improved design

EPCIC – ENGINEERING

- Conceptual Design
- Basic Design, FEED, Tender Design, Permit Application Design
- Guide Design, Detailed Design, Construction Design
- Design Review, As-Built Documentation
- Integrity Assessment, Rehabilitation Design
- Modification Design
- Decommissioning Planning



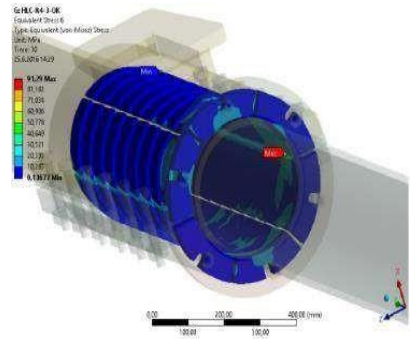
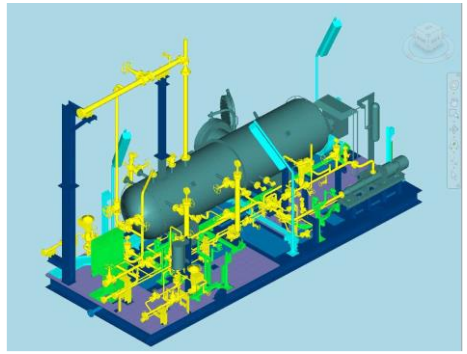
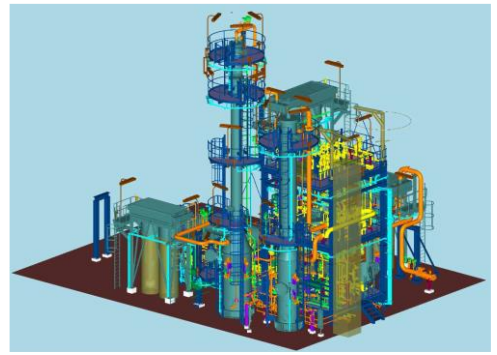


Figure 23 von Mises Stress Clamping segments - improved design





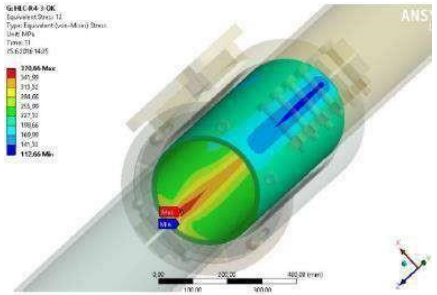


Figure 28 von Mises stress riser pipe - Improved design

EPCIC – PROCURMENT & SCM

- Global Strategic Sourcing.
- Material & Inventory Management.
- Logistics Optimization & Expediting.
- Warehousing.
- Supply Chain & Subcontract Management.
- QAQC & Inspections.









Your need, Our experience

EPCIC – PROCURMENT & SCM

- Pumps
- Valves
- Rotating Equipment
- Skid Mounted Fabricated Packages
- Bulk Electrical & Instrumentation
- Umbilicals, UTHs& Flying Leads
- Crude Oil Transfer Hoses, SPM Hoses & Ancillaries
- Mooring Systems & Ropes.















EPCIC – CONSTRUCTION INSTALLATION & COMMISSIONING

- Offshore Floating Subsea Production Facilities & Structures
- Offshore Subsea Umbilical Risers & Flowlines (SURF), Rigid Pipelines
- SURF Tie-Ins to FPSO
- Topside Installation & Hookup
- Dynamic Risers, Rigid, Pipelines, including Subsea Structures
- Onshore Production Facilities, Structures & Modules, such as CPFs, Platforms etc.
- Wastewater Treatment Plants.







Your need, Our experience

EPCIC – CONSTRUCTION INSTALLATION & COMMISSIONING

- Base Fabrication and Laydown Yard, Offshore Supply Base including Loading Jetty
- Pipeline Construction Equipment including Swamp Lay barge, Side Booms and all Typical Equipment for Construction of Pipelines.
- Existing Cooperative Agreement with Gramen Petroserve, West African Ventures (WAV) & Laudo Nigeria Ltd.

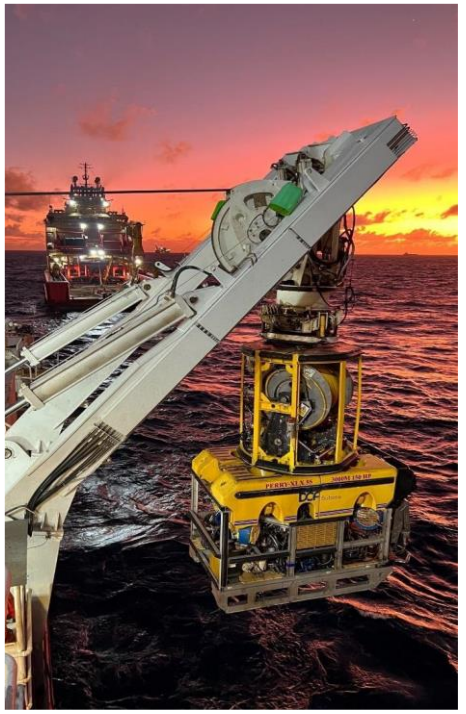






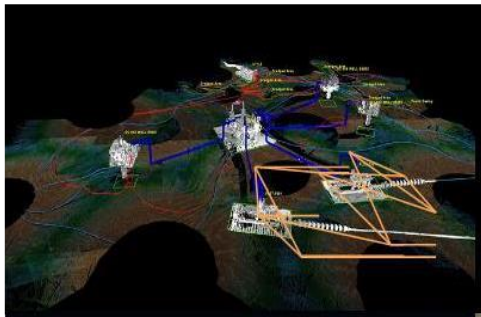
IRM – INSPECTION, REPAIRS AND MAINTENANCE

- Inspection Services – Advanced NDT, NDT, Rope Access, Subsea NDT, Cathodic Protection, Corrosion Under Insulation (CUI), Heat Exchanger Inspection, ABS Vessel Inspection, Under Water Inspection in Lieu of Dry-docking (UWILD)
- Life-of-Field and integrity management of subsea infrastructure
- Asset Life Assessments & Extension Studies (ALAs & ALEs)
- Metrology and Well Marking (Acoustic and LiDAR) – Subsea LiDAR Metrology
- Diving Services – air diving, saturation diving, deep water ROV support, Hyperbaric Reception Facility (HRF).

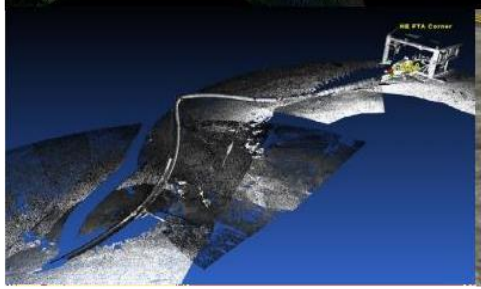


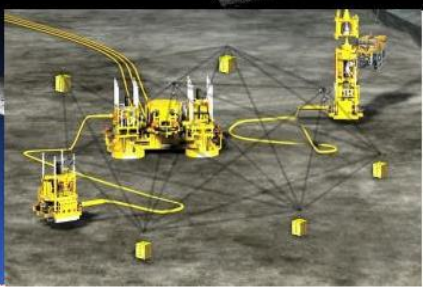






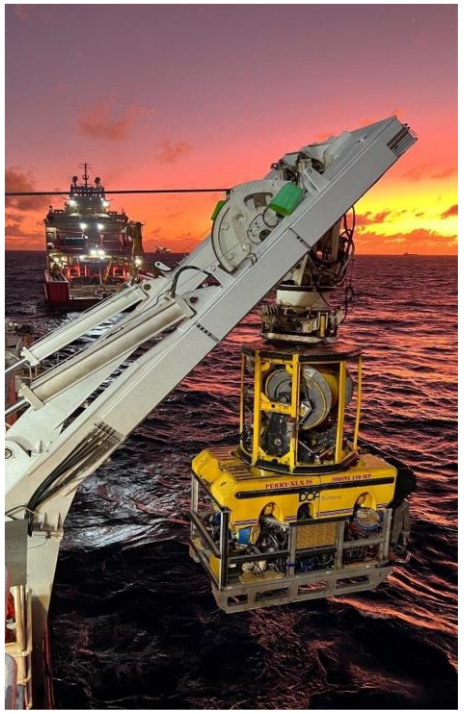






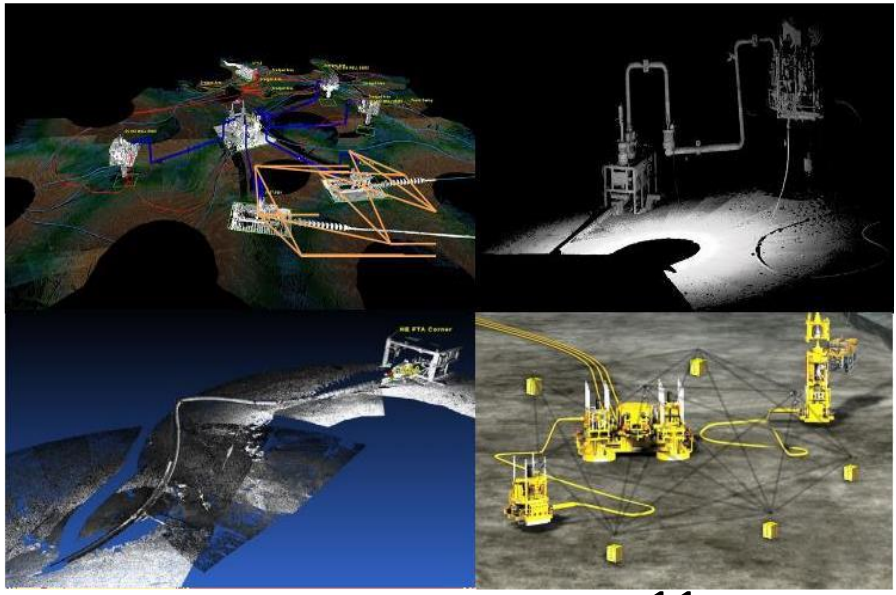
IRM – INSPECTION, REPAIRS AND MAINTENANCE

- Cleaning services – Chemical cleaning, Hydro-blasting, for Separators, Heat Exchangers, Pressure Vessels, Flare Scrubbers, Production Coolers, Purge Condensers etc.
- Tank Cleaning Solutions – Robotic, non-man entry
- In-Line inspection of pipelines
- ROV support – IRM and Well Intervention
- 3D laser scanning / Digital Asset Management
- Structural steel and jacket repairs,
- Subsea intervention and welding.



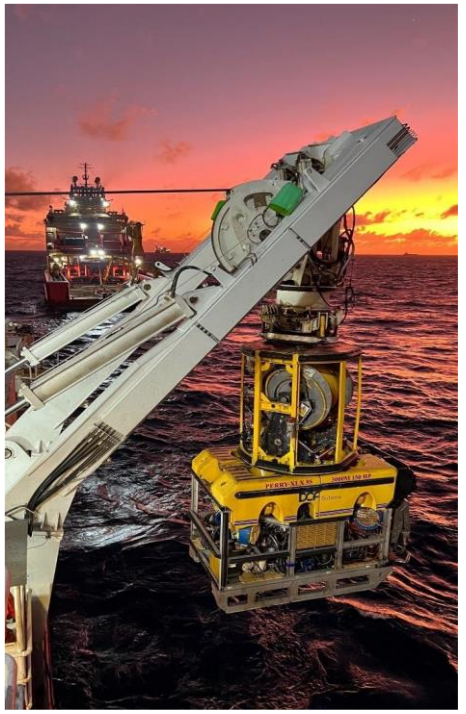






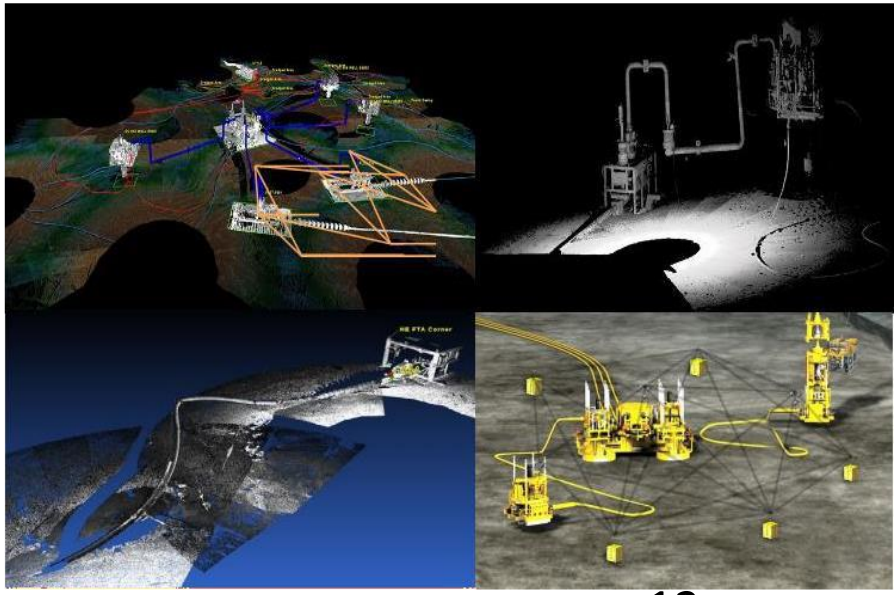
IRM – INSPECTION, REPAIRS AND MAINTENANCE

- Pipeline repairs (clamps, hot tapping, composite wrap).
- Mechanical equipment repairs (valves, pumps, turbines).
- Coating and corrosion protection systems.
- Planned preventive maintenance (PPM).
- Corrective maintenance (CM).
- Subsea intervention and cleaning (marine growth removal, pigging).
- Mooring systems inspection & maintenance.
- Electrical, instrumentation & control systems servicing.





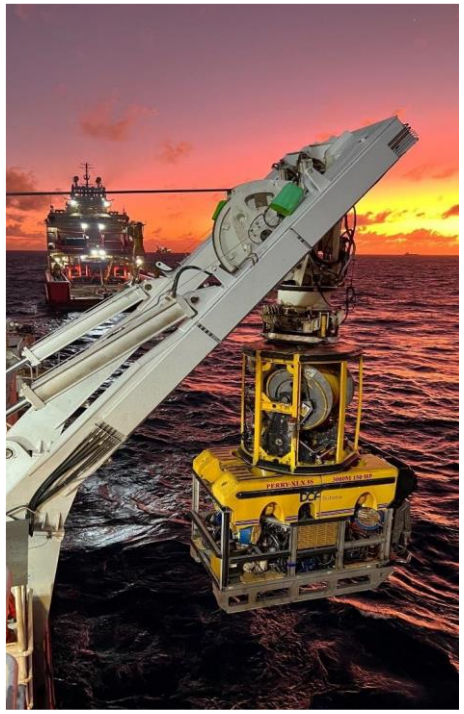




IRM – INSPECTION, REPAIRS AND MAINTENANCE

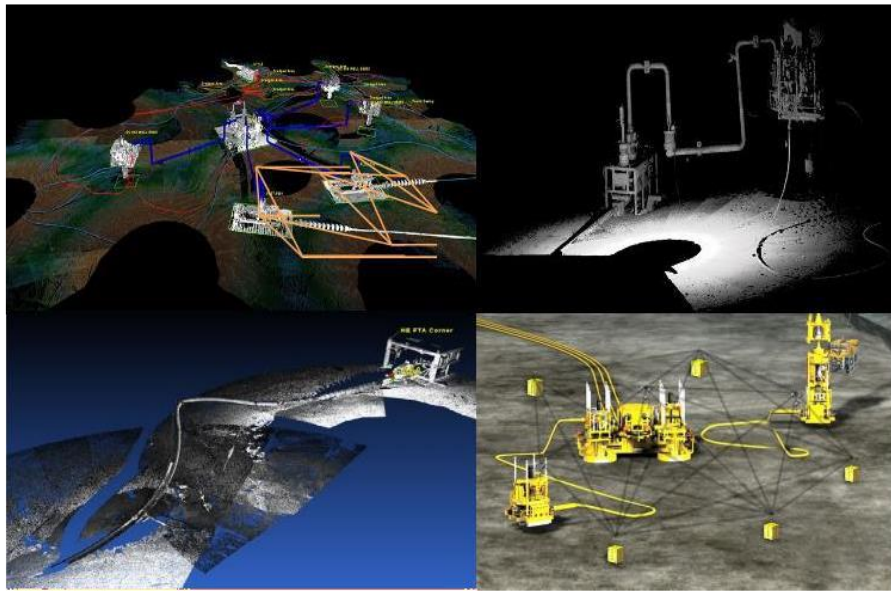
- Heat Exchanger Integrated Services(HEXIS) –
  - Patented technology that provides an automated solution integrating industrial cleaning and non-destructive examination systems
  - Utilizing HEXIS, heat exchanger tube bundles are cleaned and inspected in a fraction of the time
  - HEXIS allows for configuration of the cleaning and inspection processes. Mode types are selected based on the condition of the exchanger tubes to achieve the highest quality of data

2X1 Mode	3X1 Mode	2X2 Mode
• Hydroblast X 2 tubes • Examination X 1 tube • Each tube cleaned twice before a 100% examination is completed.	• Hydroblast X 3 tubes • Examination X 1 tube • Provides a 33% examination pattern.	• Hydroblast X 2 tubes • Examination X 2 tubes • Doubles the HEXIS production rate for 100% examination.









IRM – Heat Exchanger Integrated Services (HEXIS)

- Automated Exchanger Tube Inspection & Cleaning
  - Patented technology that provides an automated solution integrating industrial cleaning and non-destructive examination systems
  - Utilizing HEXIS, heat exchanger tube bundles are cleaned and inspected in a fraction of the time
  - HEXIS allows for configuration of the cleaning and inspection processes. Mode types are selected based on the condition of the exchanger tubes to achieve the highest quality of data



2X1 Mode

- Hydroblast X 2 tubes
- Examination X 1 tube
- Each tube cleaned twice before a 100% examination is completed.

3X1 Mode

- Hydroblast X 3 tubes
- Examination X 1 tube
- Provides a 33% examination pattern.

2X2 Mode

- Hydroblast X 2 tubes
- Examination X 2 tubes
- Doubles the HEXIS production rate for 100% examination.

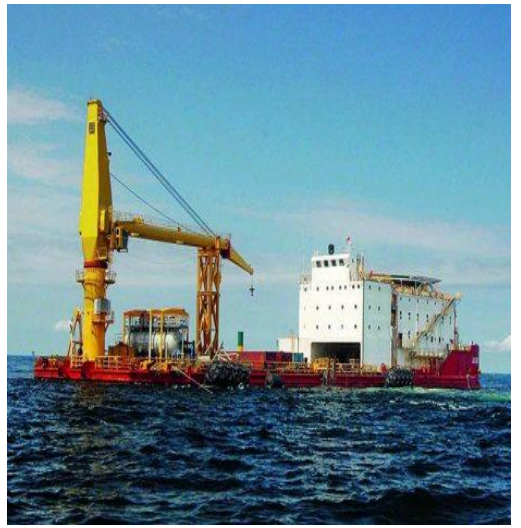
MARINE SUPPORT

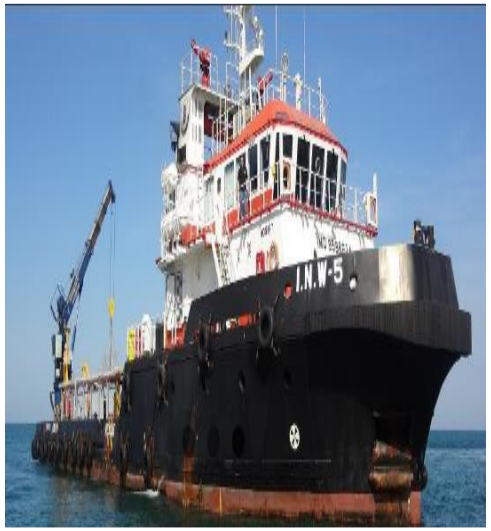
- ATLANTIC SERVICES and its partners WEST AFRICAN VENTURES (WAV) have the capacity to perform marine services, of high standards, making available their wide range of multi-purpose vessels:

- AHTS Vessels (Anchor Handling Tug Supply)/ LHTS (Line Handling Tug Supply) Crew / Pilot Support Boats
- Flat top cargo barges
- Accommodation only barges (anchored)
- Construction / Accommodation barges (anchored)
- Construction / Accommodation / Pipelay barge (anchored)
- Member of BIMCO (Baltic and International Maritime Council)









ELECTRONICS

Atlantic has a proven track record of working with engineers from all horizons in electronic services.

- Design, installation and calibration of T,P&L instruments.
- Selection and installation of flow instruments.
- Design and installation of Fire and Gas Systems.
- Design and installation of PAGA (Public Address General Alarm) systems.
- Design and programming of PLC-based systems (Programmable Logic Controller).
- Design and installation of low and high voltage electrical systems.
- Design and installation of relay-based automation systems.
- Design and installation of UPS (Uninterrupted Power Supply) systems.
- Design and installation of electro-pneumatic systems
- Project management



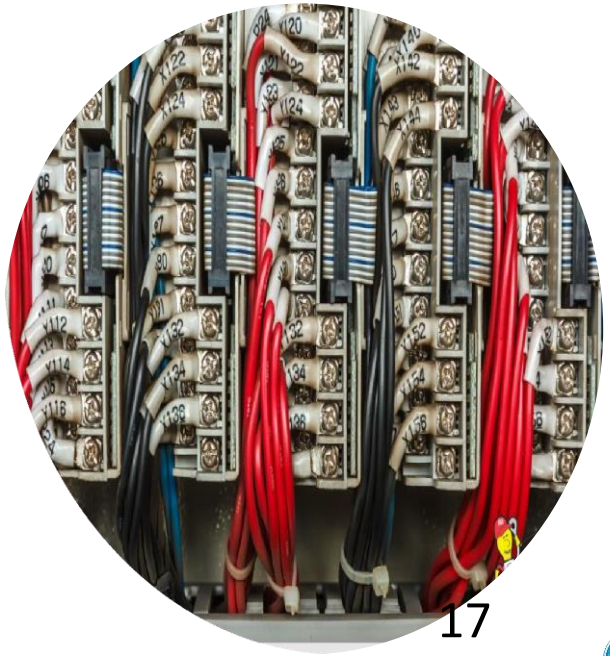
TELECOMMUNICATIONS & ELECTRICITY

Atlantic has a proven track record of working with engineers from all horizons in telecommunications & electricity services.

- comprehensive solutions for the installation and maintenance of telecom service facilities

- Design,selection, installation and maintenance of low, médium and high voltage electrical systems





TECHNICAL CONSULTANCY & TRAINING

ATLANTIC SERVICES and its partners aim to develop local content by offering the following services:

- Staff Placement(onshore/offshore)
- Training & Human Capital Development
- Strategic Consultancy to Enhance Project Efficiency and Success
- Project Management





THEY TRUST US

GETESA

GITGE

GE-PROYECTOS
Oficina Nacional de Planificación y Seguimiento de Proyectos

ExxonMobil

Shell

Chevron

TotalEnergies

OUR PARTNERS

GRAMEN PETROSERVE

CONSEILS POUR L'INVESTISSEMENT ET LE DEVELOPPEMENT DU CONGO
CIDC 2.0

WAV
West African Ventures Limited

Laudo®

WESTFIELD
Delivering Responsibly

IRENTIFY

AMERAPEX
Committed to Technical Excellence

SUBSEA 10G GLOBAL

HydroDive

OUR NETWORK

Your need, Our experience









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THANK YOU

Your need, Our experience