

Real Expertise... Real Tools...



**Atlantic Marine &
Oilfield Services Ltd.**

www.atlanticmarineoil.com



**OFFSHORE
CONSTRUCTION**

**SUBSEA
INTERVENTION**

**DIVER
INTERVENTION**

**ROV
INTERVENTION**

LAGOS. PORTHARCOURT. TAKORADI.



www.atlanticmarineoil.com

© 2009 Atlantic Marine & Oilfield Services Ltd. All Rights Reserved.



COMPANY OVERVIEW

Atlantic Marine & Oilfield Services is a Subsea Engineering – Diving Company since 1999. She is an ISO 9001-2015. Atlantic Marine is also an IMCA, ABS, Bureau Veritas, and Lloyds Class In–Water Survey Company.

Atlantic Marine is fully equipped with Classed Air Dive Spread Equipment, Inspection Class ROV's, Robot-aided Subsea Engineering Tooling and Equipment, Zone 2 Offshore Work Containers, Divers Launch and Recovery Spread and Subsea Inspection, Construction and Welding Equipment.

And with the recent purpose built LightDiveBoat (LDB) acquisition, MV. Eghenoflorence, Atlanticmarine can mobilise on very short notice for most dive operations.

Atlantic Marine has its head office in Lagos Nigeria, a Yard base in Portharcourt Nigeria and a satellite office in Accra Ghana.



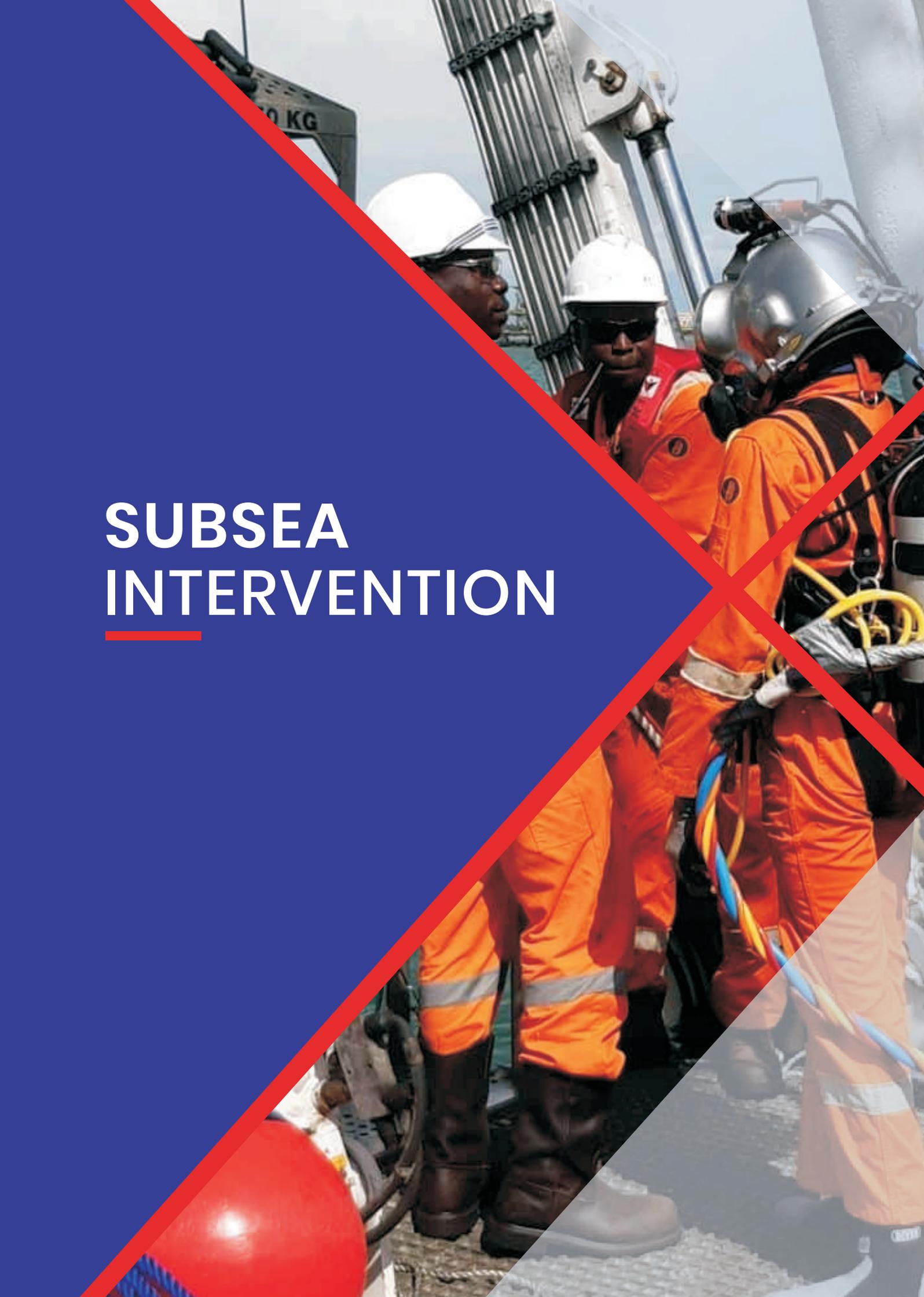
OFFSHORE CONSTRUCTION



OFFSHORE CONSTRUCTION

Atlantic Marine has grown its work experience to various offshore construction projects in Nigeria and recently offshore Ghana. Our wide equipment base has supported these projects in pipeline construction, pipeline repair and maintenance. We have also undertaken PLEM installations as well as hook-ups and tie-ins from target box to platform. Our projects offshore have recently been expanded to the only one offshore production and drilling platform decommission and dismantling project in Africa. This project requires that 10,000 tons of steel at 85FSW from the middle of the ocean is dismantled.



A photograph of subsea intervention workers on an offshore platform. The workers are wearing orange high-visibility suits, white hard hats, and safety glasses. One worker in the foreground is wearing a silver helmet and a full-body orange suit. They are standing on a metal platform with various pieces of equipment, including a crane with a '20 KG' label. The background shows a clear sky and the ocean. A large blue diagonal graphic with a red border is overlaid on the left side of the image, containing the text 'SUBSEA INTERVENTION'.

SUBSEA INTERVENTION



SUBSEA INTERVENTION

Atlantic Marine has for over a quarter of a century built an enviable track record of more than 200 hundred subsea deployments. As a result, our first home has been the oceans of our planet. From diver deployments to robotic interventions, we have engaged facilities and structures up to 1,200MSW. Our equipment are designed and purpose built to work in this harsh environment but at the same time, supports life.







DIVER INTERVENTION



DIVER INTERVENTION

Atlantic Marine is a Subsea Engineering Diving and ROV contractor member of IMCA (International Marine Contractors Association) Europe and Africa. We are also In-Water Class service providers for Class Societies Lloyds, ABS and Bureau Veritas.

Our diver inspection, construction, maintenance and repair experience is expansive and spans over 25 years in Nigeria and Ghana. Our clientele also spans the Oil and Gas, Maritime, Telecommunication and Civil industries. Diver scope includes traditional Subsea facility Inspection.

Atlantic Marine is a contractor member of IMCA (International Maritime Contractors Association)



ROV INTERVENTION





ROV INTERVENTION

Atlantic Marine is an ROV contractor member of the International Marine Contractor Association (IMCA). We are a fully equipped ROV company along our other expertise in subsea intervention capabilities. We have over the years successfully undertaken ROV diverless inspection campaigns on Calm Buoy facilities, Production and Drilling platforms and their appurtenances, FPSO's, Mooring lines and Our ROV operations have undertaken a wide range of subsea scopes, i.e. Photogrammetry, Bio-Film Sampling, Cathodic Protection measurement, Wall Thickness, Profiling, Diameter Measurement etc.

Atlantic Marine continues to expand its ROV assets from its current fleet of three Inspection Class ROV's and a MagCrawler to add a WROV momentarily.



A photograph of a white SRP Dive Workboat, MV Enigheno Florence, on the water. The boat is viewed from an elevated angle, showing its deck, cabin, and various equipment. A person in a red protective suit is visible on the deck. The boat has a red fire extinguisher mounted on the side and a yellow buoy in the foreground. The background shows the blue sea and a clear sky.

SRP DIVE WORKBOAT

**MV ENIGHENO
FLORENCE**

www.atlanticmarineoil.com



MV ENIGHENO FLORENCE

Atlantic Marine owns and operates the company's design and purpose built 14.95m Steel Light Dive Boat MV. ENIGHENO FLORENCE. She is a new generation and fully equipped light workboat with its complement of a 3-diver Panel, Comms Rack, 12nos Rack Air bottles, 2nos L&W Breathing Compressor, 3nos 4-part Umbilical and 3nos Dive Helmet.

She is very versatile and the only one of its kind currently in Nigerian waters.

ATLANTIC MARINE SRP MV ENIGHENO FLORENCE



GENERAL

Owner	Atlantic Marine & Oilfield Service Ltd
Builder	Arena International, Turkey
Basic Function	Special Purpose Dive WokBoat
Design	Alfa Marine Design
Classification	Bureau Veritas (BV)\
Year of Build	2016

Flag	Nigeria
GRT	34

MAIN PARTICULARS

Length Overall	14.95m
Length BP	12.91m
Breadth Moulded	4.80m
Depth Moulded	2.20m
Draught	1.25m

MACHINERY

Main Engine	2 x BOUDOUIN/ 6W126 M, 450 BHP at 2100rpm Remote Control System with Rexroth Marex SB
Total Power	900 BHP
Cooling System for M/E	Heat Exchanger
Gearboxes	2 x DONG-I/ DMT 150H Ratio 3.5:1
Aux Generators	2 x CAT 28.5KVA at 1500rpm Deck Automatic Start/Stop
Propellers	2 x 4 bladed Fixed Pitch Propellers
Steering Gear	DATA Hydraulic Cylinders 2 x 290 Tm (35 degree/each) Power pack will be driven by M/E
Fire System	Co2 Central Fire Fighting System

PERFORMANCE

Maximum Speed	15knots
Passenger Capacity	16 Persons incl Complete Dive Crew

ACCOMMODATION

Total 2 Crew	
1 x Double Crew Cabin	
1 x Mess Room with TV, Refrigerator, Hot Plates, Dishwasher	
Air Conditioning thru vessel	
Standard Ergonomic Wheelhouse Console	
Seating	13 Main Cabin, 3 Below Mess Cabin

CARGO CAPACITIES

Free Deck Area	20sqm
Diesel Capacity	7.4tons
FreshWater	2tons
Consumption	Engine: 60Ltr/hr Generator: 10Ltr/hr

DIVING EQUIPMENT

2 X 450E L&W Breathing Air Compressor
12 x 50Lre Air Cylinder Bottles
3 x Air Dive Panels
3-Diver AMCOM Comms
3 x 150mtr Divers Umbilical
3 x DVIS
DVR, split screen, Date, Time, Name
2 x Km77 Dive Hat
1no. KMB28 Dive Hat
Electrical, UPS
2. x Man Riding Davit 500kg SWL

DECK EQUIPMENT

Anchor Windlass	1x Electrical Driven 180kg HHP 1No. Anchor
Chain	137.5m/12.5mm Q3 type
Deck Crane	Hydraulic Knuckle Boom Boom at 6m SWL 250kg

RADIO & NAVIGATION

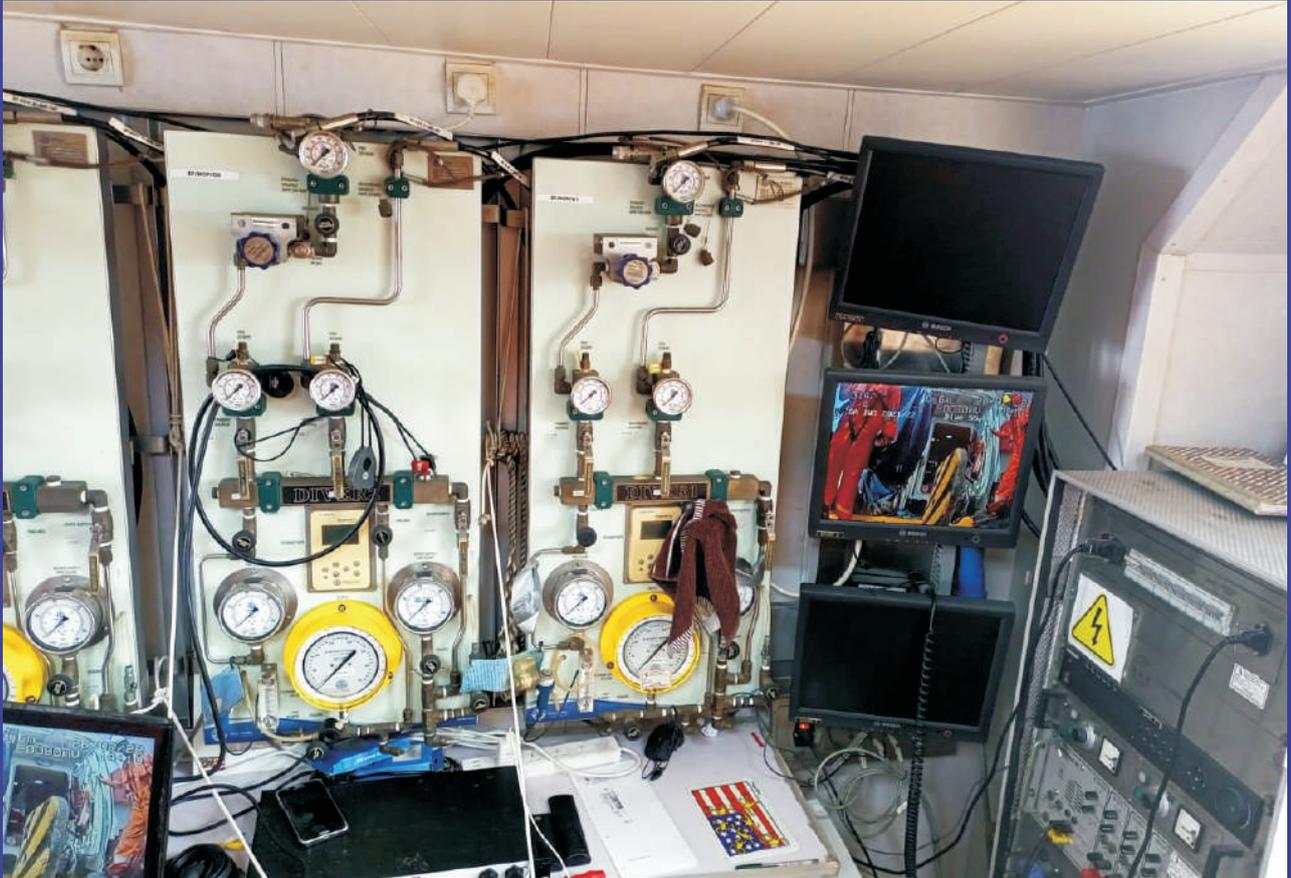
Radar	1 Set of KODEN-MDC/2540BB Marine Radar-72 Nm
GPS Navigator	1 Set of KODEN-CVG/200 Plotter Sounder
AIS	1 Set of KODEN-KAT/100 Class A AIS Transponder
Magnetic Compass	
GMDSS Portable Radio Sealink	
EPIRB	
GPS Chart Plotter with Sea Map 6inches	
Handset Bearing Compass	
GPS Navigational System	
SAT Transponder	
Binoculars	

PUMPS

Bilge & Fire Pump	25m3/h-30m total head self priming
G.S & Fire Pump	25m3/h - 30m total head self priming
Sewage	5m3/h - 20m total head
D/O Transfer Pump	3m3/h - 20m total head
F/W Booster Set	2 x 1m3/h - 20m total head

GENERAL FEATURES

Rubber Fenders arranged as per GA
Main Engine Maintenance Hatch 1.80m x 1.10m (PS & STB)
Durable Epoxy Paint System by Jotun
Good Manoeuvrability
Hot Water System
FM 200 System installed automatically operated in Machinery space for fire fighting
CCTV - Machinery Space/Mess Room/ Fore & Aft Deck
Alarm Monitoring system for D/O & F/W Tanks high and low levels









QUALITY POLICY

Atlantic Marine & Oilfield Services Limited is a provider of Subsea Engineering, Diver Intervention, Subsea Construction, Maintenance and Repair services. She is committed to providing quality services that meet the requirements and expectations of its clients for customer satisfaction. Atlantic Marine considers outstanding quality performance an integral measure of overall business success. Management of Atlantic Marine & Oilfield Services shall ensure that all operations are carried out in line with the requirements of the Company's Quality Management System. Management shall provide adequate resources and a suitable work environment for all employees of the company to deliver quality services. Management shall also ensure the establishment of measurable Quality objectives at relevant functions and levels within the Organization.

The Management of Atlantic Marine & Oilfield Services shall take full responsibility for the Quality Management System, and shall ensure full compliance to this policy through the effective implementation and continual improvement of the Organization's Quality Management System, in line with new developments in standards and best practices.

PROJECT EXPERIENCE



- Divers and ROV Inspection and limited repair on Bonga FPSO
- Underwater/Swamp Gas Pipeline Leak Repair, Oko omi field for Shell Nigeria Gas Ltd. Divers scope to detect Gas pipeline leak point on 30km stretch of 5msw to 15msw swamp terrain. Concrete coating on pipeline removal, excavation of buried pipeline and Plidco clamp installation. Shell Nigeria Gas Ltd, October/November 2023.
- Underwater inspection of Agbami FPSO hull, mooring porch, sea chests grating and Oil Offloading Lines. UWILD SPM Buoy structure, floating hoses and Oil Offloading Line; job done for Chevron Nig. Ltd / Marine Platforms Ltd, 30th Dec 2022 – 24th March 2023
- Dismantling of the 20,000ton Mr Louie Platform offshore including topside and underwater sections; for Hans & Co Oil & Gas Ltd/Ghana National Petroleum Company (GNPC), Dec 2022 – ongoing
- Specialised Leak repair on under hull of Sea Eagle FPSO; for Shell Petroleum Development Company (SPDC)/ Fadfae Engineering Services Ltd, 17th to 28th December 2022
- SPDC Forcados SPM2 Subsea hose reconfiguration and Tri catenary Buoy installation; for Shell Petroleum Development Company (SPDC)/ Century Ports & Terminal Ltd (CPTL), 7th Oct 2022 – 23rd Nov 2022
- UWILD for Oshe Honmi Barge in line with ABS requirements; for Ariosh/CS Offshore/TotalEnergies, 27th July – 15th August 2022
- Inspection of the damaged section of 12inch pipeline. subsea rigging and lifting, cutting, and welding on new pipeline sections); for SPDC/Micharry, 30th Dec 2021 – 25th May 2022
- Agbami SPM Export hose change out; for Chevron Nigeria Ltd/Marine Platforms Ltd, 3rd – 18th April 2022
- Underwater inspection of Agbami FPSO OOL, SPM hull and OOL. FPSO Sea chest grating/strainers opening and closing mooring porch, sea chests grating, floating hoses inspection; Chevron Nig. Ltd/ Marine Platforms Ltd, 21st December 2021 – 3rd March 2022
- GVI of FPSO (and SPM Buoy) hull, mooring porch, sea chest, bilge keel and appurtenances. CP and UT measurements on hull, Cleaning and photogrammetry of selected chain links on Bonga FPSO mooring system; for Shell Nigeria Exploration & Production Company (SNEPCo) Limited 22nd October 2021 – 8th December 2021. 11th February 2022 – 30th April 2022
- Platform inspection, anode installation and boat landing installation in SPDC's Forcados field, for SPDC/Micharry, 29th April 2021 – July 2021
- 6inch, 2.1km Pipeline lay project from Ata – Inanga. 12inch. 9km pipeline lay project from Inanga to Idoho.Inanga Jacket Inspection; for ExxonMobil/ Tenoil/CMES, 15th April 2021 – April 2022
- Underwater inspection of Agbami FPSO hull, mooring porch, sea chests grating and Oil Offloading Lines. UWILD SPM Buoy structure, floating hoses and Oil Offloading Line; for Chevron Nig. Ltd/Marine Platforms Ltd, 3rd Dec 2020 – 2nd Feb 2021
- 6inch, 6km Pipeline lay project. 2nos 6inch. 0.5km pipeline lay project; for SPDC/Micharry / CMES, 20th Feb – 9th March 2020. 3rd April 2020 – 5th April 2021
- Underwater inspection of Agbami SPM Buoy structure, Oil Offloading Line and FPSO Mooring porch. Installation of flexible riser bend stiffener clamps, for Chevron Nig. Ltd/Marine Platforms Ltd, 7th Dec 2019 – 9th Feb 2020
- Welding and Pairing of sacrificial anodes. Replacement of sacrificial anodes on CALM buoy in OML 100 (Odudu field); for Total E&P Nigeria, 5th Dec 2019 – 7th Jan 2020

- ROV inspection/search of sea water lift pump and recovery of centralizer by diver intervention, for Chevron Nig. Ltd / Marine Platforms Ltd, 22nd – 30th Sept. 2019
- Photogrammetry & Bar diameter measurement of selected chain links on Bonga FPSO mooring system; for Shell Nigeria Exploration & Production Company (SNEPCo) Limited, 5th – 16th April, 2019
- Agbami SPM Export hose change out; for Chevron Nigeria Ltd / Marine Platforms Ltd, 20th – 31st March 2019
- GVI, CVI & ACFM inspection of Pull-in sheave, foundation, riser clamps and mooring porch connectors; for Shell Nigeria Exploration & Production Company (SNEPCo) Limited, 2nd Dec 2018 -18th Feb 2019
- UWILD of Agbami SPM and Offloading risers inspection on FPSO & SPM Buoy ends, for Chevron Nigeria Ltd /Marine Platforms Ltd, 18th Nov- 25th Dec Jan. 2018
- UW structural integrity inspection of jetty piles on mooring dolphins, breasting dolphins and main jetty; for Navgas Nigeria Limited Lagos, 5th September – 17th September 2017
- Class In-Water Survey on Sea Eagle FPSO, SYMP and Satellite platforms (DP-A, DP-B, DPJ & RPA) for Shell Petroleum Development Company of Nigeria Limited (SPDC), 18th March – 3rd July 2017
- Fabrication and Construction of 16" and 6" pipeline spools. Subsea installation and tie-in of the spools from HDD exit point to riser spool; for Oando Vitol Helios (OVH) Energy Lagos, 26th October 2016 – 14th April 2017
- Underwater inspection of Krakrama flow-station jetty piles. Structural refurbishment on flow-station jetty including grit blasting and painting, anode installation; for Eroton Exploration & Production Company
- In-water survey/UWILD of Bonga FPSO and Stella Buoy including mooring system for class re certification by diver and ROV intervention, for Shell Nigeria Exploration & Production Company (SNEPCo) Limited, 25th August – December 15th 2016
- Decommissioning of 16" pipeline spools. Subsea disconnection and retrieval of the spools from HDD exit point to riser spool, for Apapa SPM Limited Lagos, 1st – 12th September 2016
- 16" Pipeline Integrity inspection by diver intervention. Seabed topographic survey and 16" pipeline configuration using USBL equipment, for Apapa SPM Limited – Lagos, January 18th – 25th 2016
- Bonga SPM Buoy damage survey and repair. KLIV Actuator inspection, Mooring Chain inspection for installation of inclinometer instrumentation; Shell Nigeria Exploration & Production Company (SNEPCo) Limited, October 16th – November 14th 2015
- Inspection of damaged section of the water disposal line. Installation of Smart flanges and Spool piece on damaged section of water disposal line; job done for Shell Petroleum Development Company of Nigeria Limited (SPDC), 9th June – 5th July 2015
- Inspection of leak on 12" gas pipeline. Leak was repaired by installing plidco clamp on the pipeline leak points, job done for Shell Nigeria Gas Ltd, 9th June – 5th July 2015
- Integrity checks and inspection of marine jetties, jetty piles and associated facilities for surface and underwater sections, job done for Nigeria Liquefied Natural Gas (NLNG), 16th November 2015 – 9th May 2016
- Class In-water survey of SPM Buoy. Inspection of Risers and flex joints on Bonga FPSO; job done for Shell Nigeria Exploration & Production Company (SNEPCo), November 8th – Dec 28th 2014
- Class In-water Survey on Otto 5 work barge in the Total field; for, Exmar Offshore Services/Total E & P, 29th May – 14th June 2014

- Class In-Water Survey on Sea Eagle FPSO, SYMP and Satellite platforms (DP-A, DP-B, DPJ & RPA), job done for Shell Petroleum Development Company of Nigeria Limited (SPDC), 12th March – 12th April 2014
- Inspection of floating and submerged section of hose; for Total E&P Nigeria Ltd., 11th – 16th April 2014
- Wreck removal; job done for Dredging International Services Nigeria (DISN) 1 Kolokoma Street Borikiri – Port Harcourt, 23rd – 25th January 2014
- 7km submarine Cable, splicing, repair and lay; for Airtel Nigeria Limited – Lagos, May – July 2013
- Underwater inspection on SPM1, SPM2 and SPM3, for Shell Petroleum Development Company of Nigeria Limited (SPDC), 8th May – 15th June 2013
- Post-Impact inspection on SPM2; Complete inspection on SPM2 and SPM1; for Shell Petroleum Development Company of Nigeria Limited (SPDC), 8th May – 15th June 2013
- Spud salvage activity, job done for Dredging International Services Nigeria (DISN), 10th June – 28th July 2013
- Class In-Water Survey and I-Tube Inspection; for Shell Nigeria Exploration & Production Company (SNEPCo), 2nd December 2012- 15th April 2013
- Wreck removal, job done for Dredging International Services Nigeria (DISN), 9th February – 6th March 2013
- Provision of diving services for Middleton platform inspection, for. ILF Engineers Nigeria Lt, 8th – 13th November 2012
- 7km submarine Cable location, splicing, repair and lay; for Airtel NIG, Dec – Jan 2012
- Galvanic Anode retrofit, U-Beam channel installation, Underwater Non-Destructive Examination on Mr. Louie Platform and manual encapsulation of splash zone section with IPgard on Jacket legs; for Ghana National Pet. Corp./Saltpond Offshore (SOPC) Takoradi – Ghana, 19th June – 28th July 2011
- Salvage of floating dock facility at NNEC. Restore buoyancy to floating dock by de-weighting, inspection, blanking and pumping operation; job done for Century Energy Services Ltd, 23rd March – 14th October 2011
- UWILD inspection of Erha FPSO; job done for ExxonMobil/Azimarine, 11th March – 27th April 2011
- Subsea inspection campaign of offshore facilities for CNL; for Chevron Nigeria Ltd, Oct 2010 – May 2013
- Underwater and topside inspection of Ports Jetty; job done for Gambia Ports Authority, Aug 2010
- Clearing of Fouled Propeller and General Visual Inspection (GVI) for Tug boat Vigilant in Calabar River, for Van Oord Nigeria, 19th – 20th December 2010
- ROV inspection of 13.94km sea line to detect point of leak from on board MV Melody; for Agip Energy & Natural Resources, 25th – 27th December 2009
- Inspection of hull, sea chests, over boards, rudder & propeller, and cathodic protection measurements on anodes (Provision of technical support); for ExxonMobil/Azimarine, Nov – Dec 2009
- Geophysical bathymetric survey of sea floor in preparation for submersible telecoms cable laying, for Zain NIG, April 2009

- 2D hydrographic sea floor mapping. Burial of submarine optical fibre cable for distance of 7.34km, job done for Zain NIG, June 2009
- FSO Yoho chain inspection/ assessment. Debris and scour survey, job done for ExxonMobil / Azimarine. 54 Mobil Terminal Road Ibeno Akwa Ibom State, 15th – 20th May 2009
- Topside production platform corrosion integrity treatment and Anode Retrofit of 12nos Can Leg section by divers; job done for Ghana National Pet. Corp./Saltpond Offshore (SOPC), Sep – Dec 2008
- Encapsulation using anti corrosion tape wrap and coal tar on splash zone section of jetty piles; job done for Kirkwood Oil & Gas Limited 1 Worlu Street (first floor) Off Olu-Obasanjo Rd Port Harcourt, 3rd Sept – 25th November 2008
- FPSO Hose swapping & floatation integrity check; for Total E&P Nigeria Ltd. Plot 25 Trans Amadi Industrial Layout Port Harcourt, 21st – 26th August 2008
- Integrity Survey of cluster flowlines at 4meter water depth in swift current waters. Flaw detection of facility to include UWT, MPI and Coating Integrity; for Nigerian Agip Oil Producing Company (NAOC), 10th October – 10th December 2007
- Preparation of Workplace & Erection of scaffolding pipes on the Buoy Operating Platform at Brass; for Nigerian Agip Oil Producing Company (NAOC), 28th July – 11th August 2006
- Evaluating the structural integrity of Agbara Drilling & Production Platforms and Floating Flare; for Agip Energy & Natural Resources, October 2005
- Structural take-off & analysis and Underwater Inspection; for Ghana National Pet. Corp./SOPC, May 2005
- Surface Preparation of Platform Structural Steel and appropriate coating of sections with IPgard epoxy mastic EAA001/EAA002 and RAL 6010 airless spraying coat; for Agip Energy & Natural Resources Plc, 28th February – 27th June 2005
- Installation & Connection of 3 x parallel export lines to pipeline end manifold (PLEM), Installation of 3 x sub-sea 30" clamps & riser w/clamps; for Tuskar Resources/ Cavendish Ltd, Oct 2004
- Retrofit and installation of Sacrificial Zinc Anodes on subsea section of 12no Spud Can/Leg type Production Platform (APG1), offshore Ghana. Post-CP Measurement; for Ghana National Petroleum. Corp/SOPC, June2004
- Diving support services for offshore coring/geo-technical operation; for Gems UK/Redway AG, May 2004
- Seabed matrix construction & diving intervention operation and jetty pile protection; for Ghana Port & Harbour Authority–Interberton/ Aquatec JV, Nov 2003
- Rehabilitation of APG1 Production platform; job done for Ghana National Pet. Corp./SOPC, Dec 2002
- Boat landing and piles structure inspection, corrosion assessment and treatment; for Ghana National Pet. Corp./SOPC, Nov 2002
- Subsea repair of the North sea Pioneer Drilling Ship (Semi Submersible) Ballast and Bilge Valve; job done for Ghana National Pet. Corp., Angola, May 2002
- GVI & CVI. Coating with HB Carbomastic 15L & Installation of sacrificial zinc anodes underwater CP measurement; for Ghana National Pet. Corp./SOPC, April 2002
- GVI & CVI of Production Platform, NDT, Fabrication & Installation Sacrificial Anodes, for Ghana National Pet. Corp./SOPC, Jan 2002



MEMBERSHIP & CLASS



**BUREAU
VERITAS**





NIGERIA OFFICE

LAGOS

Unit 1, 6th Floor,
77, Awolowo Road, Ikoyi, Lagos.
Tel: +234 (0) 818 886 6112,
+234 (0) 818 886 6113
Fax: +234 1 270 7416

PORTHARCOURT

Atlantic Marine Yard,
312, Portharcourt/Aba Road,
Portharcourt.
Tel: +234 (0) 818 886 6115

GHANA OFFICE

TAKORADI

SOPC/GNPC Shorebase,
Navy Air-base, Takoradi, Ghana,
Tel: +233 24 221 5798

SUPPORT

info@atlanticmarineoil.com

TECHNICAL

subsea@atlanticmarineoil.com

WEBSITE

www.atlaticmarineoil.com