









DNV-GL

Performing under pressure



Africa Diving Service Presents





certified. We are also an ExxonMobil approved contractor with the new GP standards. Total and Chevron approved, we were also approved by the Shell Centre of Excellence Aberdeen. (First ever

Nigerian company to gain this approval)



Provide the ultimate in subsea Intervention Services and Project Management.



Offices in Africa and the Middle East

- Air Diving
- NITROX Diving
- Saturation Diving
- ROV
- Survey
- NDT Inspection
- IRM
- Salvage
- PMT, Engineering
 & CAD facility

ADS are an equal opportunity employer drawing on our global network of contractors to provide the very best in professionalism to our clients.





DIVING & ROV SERVICES FOR THE OFFSHORE OIL & GAS INDUSTRY



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ADS Directors Confirm the Commitment to all components of the HSE/QHSE charter. The safety and quality culture within ADS Ridgely ingrained and will not be compromised.



ADS - AIR / NITROX / SAT DIVING & ROV PROJECTS 2012 - PRESENT

Client	Scope of work	Vessel	Period
ExxonMobil	IRM – SPM Maintenance – Diving, ROV & Survey	DP DSV Vinnice	July 20 - Ongoing
Amni / Addax – WAV	Pipeline location and rectification, pipeline commissioning	Jascon 53	February - May 2020
Chevron	SPM Piles & Chains installation, 30inch pipleline repair, pipeline pigging and testing	Swiber Resolute	February 2020
Amni / ADDAX – WAV	Construction, riser installation, spool installation and commissioning	Jascon 8	February 2020 – Present
Amni / ADDAX – WAV	Pipelay support, 12in 600 & 1500 flange tie-ins	Jascon 2	January 2020 – Present
ExxonMobil	Pre-FEED Survey and riser gaurd installation, Diving, ROV & Survey	NSC Glory	December 2020
SS7 - ExxonMobil	NITROX & ROV - Riser instaltions , 24 inch Spool installations & removals – pressure testing	Siem Day	June 2019 – Sep 2019
TOTAL - Samsung	Egina FPSO Riser Guard Inspection & mooring system repairs	Temis MH	March 2019 – July 2019
SS7 – ExxonMobil	Saturation Support	Seven Pelican	March 2019 –Aug 2019
TOTAL – Saipem	Egina FPSO Installation	Normand Maximus	August 2018 – March 2019
SS7 - ExxonMobil	NITROX & ROV - Pipelay – Riser instaltions , 24 inch Spool installations & removals – pressure testing	Antares	July 2018 - Aug 2019
TOTAL – Saipem	Egina Buoy Installation	Normand Maximus	July 2018 – Jan 2019
ExxonMobil	NITROX, ROV & Survey - Riser Repair / Riser Guard Installation	Glory Barge	May 2018 – June 2018
ExxonMobil	Inspection / Repair / Maintenance – Diving & ROV	Surf Supporter DP2	April 2017 – Oct 2018
ExxonMobil	Emergency Reaction & Repair – Diving, ROV & Survey (SSM)	Vinnice (DP2)	Mar 2018 – April 2019
Samsung (SHI)	Assistance with FPSO EGINA Preparation for Installation	LADOL	Feb 2018 – Aug 2018
ExxonMobil	ERHA CALM Buoy Inspection (FPSO)	Deep C Boa	Jan 2018 – Feb 2018



ADS - AIR / NITROX / SAT DIVING & ROV PROJECTS 2012 - PRESENT

Client	Scope of work	Vessel	Period
ExxonMobil	24" Gas Flare line Repair (ASABO) – Diving, ROV & Survey	DSV Vinnice (DP2)	Nov 2017 – Jan 2018
ExxonMobil	Ehra Chain Inspections (Site inspection) - Diving, ROV & Survey	DSV Vinnice (DP2)	March 2017
ExxonMobil	SBM Installation - Diving & ROV	Surf Supporter (DP2)	Feb - March 2017
ExxonMobil / WAV	42" Repair – PCRT / DWS / SMART-Flange / 4 x Spools / Mattresses - UXO	Jascon 8 Barge	Nov 2016 / Jan 2017
ExxonMobil	24" Repair – PCRT / DWS / SMART / Spools – Diving, ROV & Survey	Glory Barge	Oct 2016 – Feb 2017
ExxonMobil	36" repair – PCRT / DWS / SMART-Flange / Spools – Diving & ROV	Surf Supporter DP2	Aug 2016 – Nov 2016
ExxonMobil	Inspection / Repair / Maintenance – Diving & ROV	Surf Supporter (DP2)	April 2016 – August 2016
WAV - STG - Chevron	Jacket Installation – surveys - SONAM	Jascon 25 – DP3 / 8 point mooring	Feb – May 2016
WAV - STG - Chevron	Pipelay – flushing and testing – pigging	Jascon 30 – DP3	Dec – April 2016
BOGL - ExxonMobil	Inspection / Repair / Maintenance for the FMS group – Diving & ROV	Avianna (DP2)	Oct 2015 – May 2016
SS7 - ExxonMobil	NITROX – PUPP – 24inch Riser replacement and Spools installation	Antares	Aug – Oct 2014
ExxonMobil	Inspection / Repair / Maintenance for the FMS group – Diving & ROV	Maridive 232 (DP2)	April 2014 -2015
SS7 - ExxonMobil	NITROX & ROV - Testing – frame installation	Antares	April 2014
WAV - STG - Chevron	Jacket Installation	Jascon 25	Dec 2013 - May 2014
SS7 - ExxonMobil	NITROX - 24 inch Spool installations & removals – pressure testing	Viking Forcados Jascon 28 – DP2	Nov 2013 - Feb 2014
SS7 - ExxonMobil	NITROX - 24 & 10 inch Spool installations & removals – SMART-flange	PM Salem	Dec 2013 - March 2014
WAV - STG - Chevron	NITROX - SBM installation – Spool installation – mattresses – testing – flange protectors – NITROX and AIR diving	Jascon 55 – DP2	Sept 2013 - March 2014
WAV – STG - Chevron	Commisioning of 24inch pipeline (L90)	Jascon 8	Sept 2013 - Nov 2014



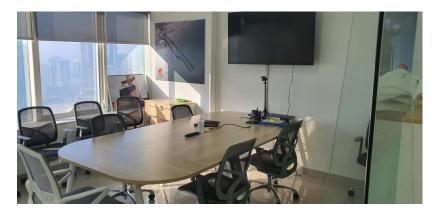
ADS - AIR / NITROX / SAT DIVING & ROV PROJECTS 2012 - PRESENT

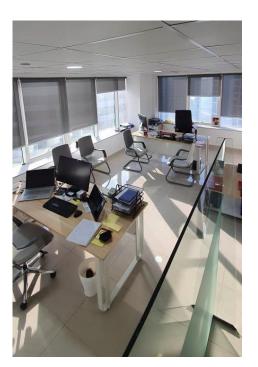
Client	Scope of work	Vessel	Period
WAV – STG - Chevron	Pipelay – flushing and testing – pigging - matresses	Jascon 30 – DP3	Aug 2013 - Oct 2013
SS7 - ExxonMobil	Riser and conductor guard installations – riser surveys	SS7 Inagha	July 2013 - Sept 2014
SS7 - ExxonMobil	Riser and conductor guard installations – riser surveys	Antares	May 2013 - July 2014
WAV - STG - NPDC	ROV – survey and touch down monitoring	Jascon 23	April 2013 - July 2013
WAV - STG - NPDC	Saturation diving & ROV – pipelay / pipe repair	Lewek Toucan	May 2013 - July 2013
WAV – STG - Chevron	Shallow water trenching & survey	Rosanna / Jascon 8	Feb 2013 - April 2014
WAV – STG - Chevron	24 inch pipelay	Jascon 30	March 2013 - May 2013
WAV - STG - Chevron	Shallow 24" pipelay – pipeline repair – excavation of pipe	Jascon 2	Jan 2013 - July 2013
WAV - STG - Chevron	Shallow water 24 inch pipeline trenching	Jascon 8 Rosanna	Nov 2012 - Jan 2013
Fugro	Mattress installation, pipeline repair.	Jascon 8	Mar 2012 - May 2012





DUBAI OFFICE







Fully Operational Office for Project Management and Engineering



ADS BASE



Operational from December 2014







New fenced stacking area 2000 square metres





INTTERACTIVE CLASSROOM FACILITY









ADS Compound has a fully function air conditioned classroom facility with Interactive E-Board and bathroom facilities.

Courses have been carried out on site by KB Associates and also online.



ADS OPERATIONS

02 CLEAN-ROOM









02 Clean Room fitted with

- 2 x 10L UV Baths with heat and time control for the BIOX solution
- Light magnifier
- UV & normal wall and ceiling lights
- SS tables, shelves and sink with wash head
- O2 cleaning procedure
- AC & Extractor fans





ADS DESIGNED NITROX CONTAINER

Due to the unparalleled success ADS has experienced using Nitrogen Enriched Air Mixes (NITROX) on both the SS7 / Globestar7 ExxonMobil Trunk Project and for WAV on the EGP3A Project ADS commissioned the construction of a custom 20ft Nitrox container by SMP in the UK. Unit is now in the UAE

This will offer the following project critical advantages:

- Ease of Mobilisation One 20ft Container will allow plug and play NITROX gas mixes to be run to ADS dive control containers.
- NITROX Production On-board the Vessel The NITROX Membrane system built into the container systems
 allows us to produce our own nitrogen on site thereby eliminating the need for bulky pre-mixed gas quads to
 be sent offshore. The saving to the client in logistics and transportation is immense and gas mixes can be
 tailored to suit project requirements in situ.
- ADS also now has 4 x ABS Classed Air / NITROX Spreads, that can produce their own NITROX offshore with testing capabilities



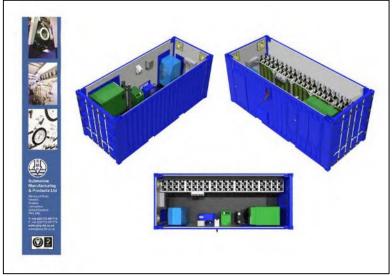




ADS NITROX CAPABILITIES

ADS CUSTOM NITROX CONTAINER BY SMP











ADS AIR / NITROX SYSTEMS

FOUR AVAILABLE (LATEST VERSION BELOW)





Design of the ABS Classed systems were by ADS and Unique combining the input from the end user and the engineering of the suppliers. Redesign of the panel was carried out – 10ft DNV containers with the Air and NITROX racks hard plumbed – each system carries both and can easily change from Air to NITROX as is required on the job. Designed to give the client maximum efficiency and made for approval for ExxonMobil, Shell and Total.





ADS EQUIPMENT

ADS OWNED TOOLING

- IMCA Air / NITROX Dive spreads x 6 (4 x ABS classed all IMCA)
- 3 x NITROX Blenders
- 4 x ROV with 10ft Control Room and LARS for each
- Double Basket LARS x 3
- Single Basket LARS x 7
- SRP x 5
- Rhino 590 workboats x 3
- Rhino 900 workboat twin inboards x 1
- Rhino 750 twin outboard x 1
- Boltight / Hydra-tight tensioning Equipment x 2
- · WACHS cold cutting saw
- Flange Pullers x 2
- Flange Splitters x 4
- Flange misalignment tool x 3
- Nut splitters x 2
- Various hydraulic tools from, impact, saw, grinders etc.
- NDT Equipment CP, UT, FMD, MPI, ACFM
- HP Water-jet
- Cavi-Blaster x 2

Lots more various tools for subsea intervention

- Pipe Handling Frame
- 5T DMA's x 8









WAREHOUSE



















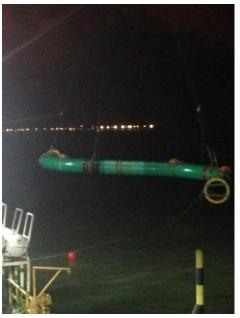
ADS Diving – 42-inch Repair







42" Completed 1st week of Feb 2017



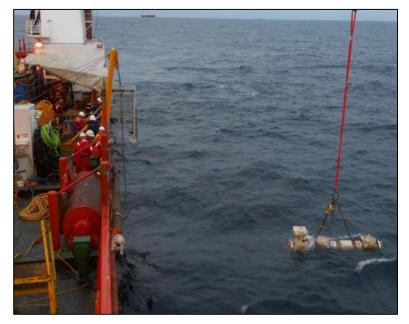


ADS DIVING CONSTRUCTION PROJECTS

WHAT WE DO



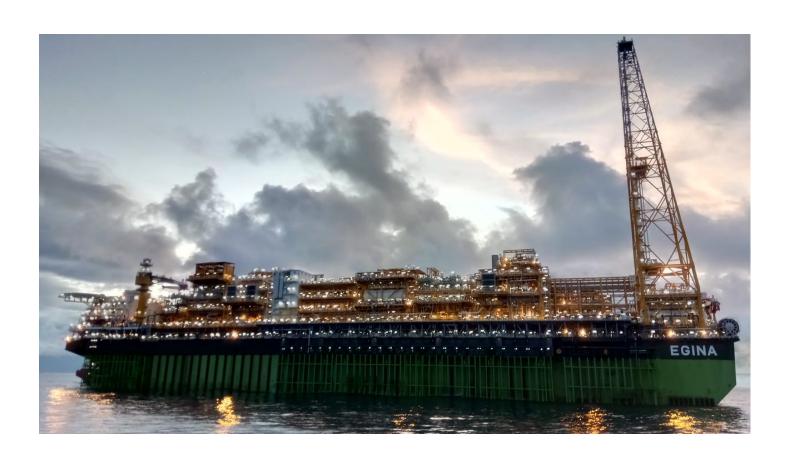








ADS Diving 2018 – FPSO Installation – ADS Carried out all Installation Diving for Samsung / Saipem / Total on this Project from the Shoreside to Commissioning





ADS Diving 2018 – Egina FPSO











ADS NITROX Diving – SS7







- System 3 & 4 set up for construction diving
- Air/NITROX
- Rhino 900 SRP Boat



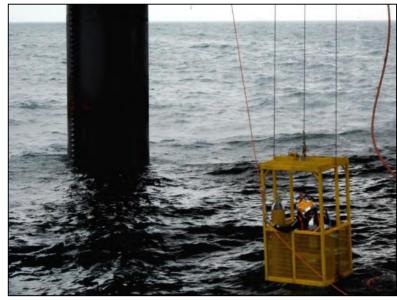


ADS NITROX DIVING SPREAD MOBILISED for SS7 / ExxonMobil



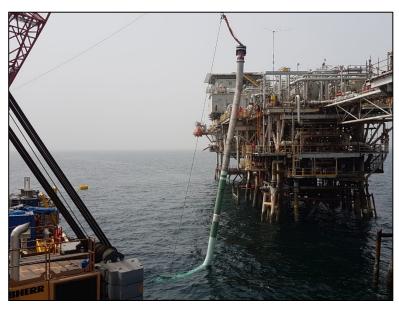








ADS NITROX DIVING MOBILISED ON-BOARD J2, J8, J28 & J55





WAV contracts have included

- pipe-lay
- Trenching
- SBM installation
- Commissioning
- Pipe manifold removal and reinstallation
- Air & NITROX diving
- Saturation diving
- ROV survey
- Jacket & Spool installations





ADS DIVING SPREAD MOBILISED ON-BOARD SS7 ANTARES







ADS has carried out numerous contracts for SS7 in ExxonMobil from various vessels – anchor barge – jack ups and DP vessels.

Currently looking at further repair work to start later in 2016 – Procedures ongoing at this time



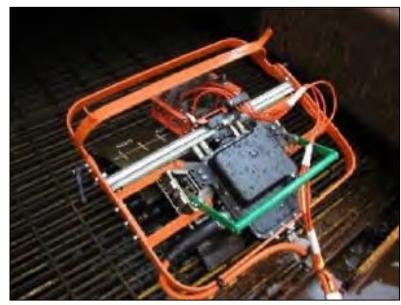
ADS DIVING PIPELINE REPAIR

WHAT WE DO









ADS Diving 2016









2016 – CNL Pipe lay for SONAM Project











ADS Diving - Jacket / Spool / Riser Installation





Construction work from the Jascon 25







ADS Diving / ROV – Surf Supporter DP2 2016 – Ongoing still





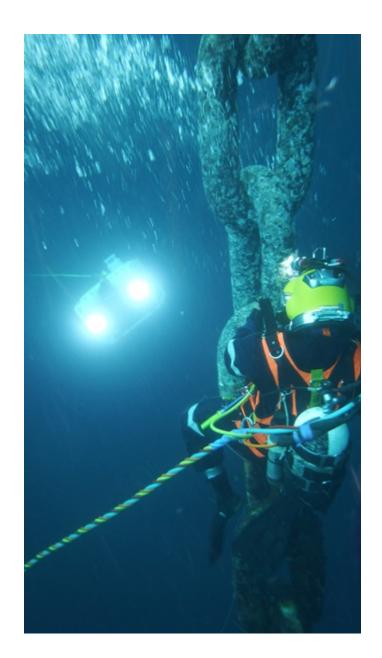




IRM Contract with ExxonMobil - starting with SBM Installation



ADS Diving- FPSO Inspection





Casualty drills



Chain link inspection



ACE Logistics:

Base Manager

Durban

Ian Bruce

Organization Chart



