



Building world-class capability
for Nigeria and beyond

Dorman Long Engineering Limited
SAIPEC
Feb 14-16, 2023

Introduction

It is my honour and pleasure to welcome you to the Technical Theatre Event at this 7th Edition of the SUB SAHARAN AFRICA INTERNATIONAL PETROLEUM EXHIBITION AND CONFERENCE HOSTED BY PETAN.

My name is Nkeiruka Mgbeoji and I work with Dorman Long Engineering Limited your sponsor for this particular event.

Dorman Long Engineering Limited is Nigeria's trusted name in Steel Solutions. We are renowned for our expertise in design, construction and maintenance of complex structures.

With close to a century of experience, we have established ourselves as the leading name in the industry and we remain committed to delivering innovative solutions for our valued clientele.

As we are gathered for this session, to celebrate our rich heritage, I would like to take this opportunity to reflect on our journey, our achievements, and the many milestones that have shaped the legacy of Dorman Long Engineering.

From bridges and skyscrapers, to state-of-the-art industrial tanks and offshore structures, Dorman Long Engineering is committed to delivering projects of the highest quality to the most exacting safety standards with our operations performed in a sustainable manner and with care for the environment.

Our team of skilled professionals use cutting-edge technology and techniques to bring even the most challenging designs to life, while always ensuring that we keep the needs of our clients at the front of mind.

At Dorman Long Engineering, excellence is not simply a goal. It's a culture. Whether you are seeking innovative engineering solutions or a partner to help bring your vision to life, we have the expertise and experience to help you attain your goals.

Since our founding, we have consistently remained committed to delivering excellence in engineering and construction services, locally and globally. Our extensive portfolio of landmark projects showcases the level of expertise and dedication that our team brings to every project we undertake.

Some of our projects include:

- The Gbaran-UBIE vessels for SHELL Petroleum Development Company
- EGINA FPSO ASME CODE STAMPED Pressure vessels for Total Upstream Nigeria
- Meji Helideck Platform for Chevron Nigeria Limited
- The single stage 3 phase SKID mounted modularized 50,000bpd separator manufactured and commissioned for AGIP
- The Well-head platform for NNPC/MPN Satellite field development
- ERHA Nitrate chemical tank
- LDHI (**Low Dosage Hydrate Inhibitors**) tanks for SAMSUNG Korea
- Exxon Mobil scrubber
- BONGA FPSO Maintenance and Turnaround Maintenance

One of our most recent and notable projects is the 2022 Turnaround Maintenance for SNEPCO. Team DLE provided comprehensive maintenance services for one of the largest offshore oil platforms in Nigeria. This project is a testament to our ability to work in challenging environments, delivering high-quality services within tight schedules and to our client's budget and beyond their expectation. The TAM was scheduled for 30 days but Team DLE completed it in 22 days, 8 days ahead of the 30-day timeline, saving downtime and allowing for increased production.

Another recent landmark project which we are proud of is the local fabrication of the MADU Conductor Supported Platform for First E&P. This project not only showcased our technical proficiency, but also our commitment to enhancing local content development and supporting the growth of Nigeria's oil and gas industry.

As we continue to expand our operations, we remain focused on delivering exceptional engineering services which meet the unique needs of our clients. Be it through innovative solutions, superior quality, or efficient project management, we are committed to providing the best possible outcome for every project we undertake.

In conclusion, I would like to extend my heartfelt gratitude to our employees, clients, partners, and stakeholders for their unwavering support over the years. Together, we have made Dorman Long Engineering Limited a company that continues to set new benchmarks in engineering excellence. I am confident that with your continued support, we will continue to achieve even greater milestones in the years to come.

My colleagues will now take you through some of our capabilities in greater detail. I give you Engr. Victor Kanu.

Thank You!



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Prepared by Victor Kanu
R.COREN, PMP, CSPM, MBA, MSc



Some Landmark Projects Profiles

Project Names	Clients
The Gbaran-Ubie Vessels	SPDC
Egina FPSO ASME Code Stamped Pressure Vessels	TOTAL Upstream Nigeria
The Construction of Niger Bridge Between Onitsha-Asaba	FGN
Oyot Wellhead Production Platform	ExxonMobil
MADU CSP Wellhead Production Platform	First E&P

Bonga Asset Engineering, Fabrication and Maintenance Service Contract	SNEPCO
The Single Stage 3 Phase Skid Mounted Modularized 50,000bpd Seperator	AGIP
LDHI Tanks	SAMSUNG-KOREA
MEJI Helideck Platform	CHEVRON NIG
Satelite Field Wellhead Platform	NNPC/MPN
ExxonMobil Scrubber	ExxonMobil

Some Landmark Projects Profiles

Project Names	Clients
Tecnimont Tanks/Civil and Mechanical Rehabilitation	Tecnimont
Saipem Train 7 Structures and Pressure Vessels	Saipem
EAFOD FPSO Maintenance Service Contract	SPDC
ERHA FPSO Maintenance Service Contract	ExxonMobil

Bonga FPSO Turnaround Maintenance (TAM)	SNEPCO
Ebiteye Manpower Maintenance Service Contract	Chevron
Manufacture of Telecommunication Towers	Telecommunication Companies-Nigeria
Irri Projects	NAOC

A PEEP INTO PRACTICAL ENGINEERING AND FABRICATION WORKS WITH MADU CSP AS A CASE STUDY

- MADU Conductor Supported Platform (CSP), OML 85, is an unmanned production platform designed for oil and gas production with crude production capacity of about 40,000 to 60,000 bpd to boost Nigeria oil and gas economy.
- The project comprising three Main Modules, PDM - Production Deck Module, DDM - Drill Deck Module, & SSS - Sub-Sea Structure, and in addition the Conductor Piles, Rigid Riser Assembly and other Ancillary structures.
- MADU CSP OML 85, comprising facilities such as Wells, Wellhead platforms and topside equipment for oil and gas production.

Fabricated SSS Jacket & Mud-Mat Components



*Tonnage (SSS + MUDMAT) = 170T.

Drill Deck Module at Fab Completion and Final Loadout



Source: Company Information

Fully Integrated Subsea Jacket Assembly at Loadout



Production Deck Module at Loadout



Fabrication of 30 meters Bonga Radar Mast at DLE Agege Yard



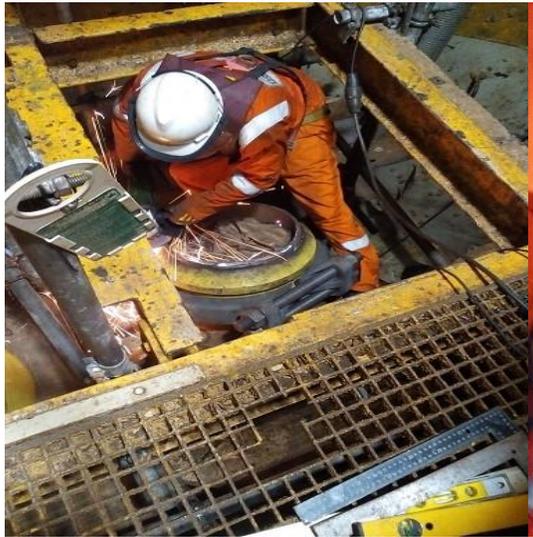
Bonga TAM Fabrication Works



3rd SOURCE PUMP CAISSON PROJECT



2018 CENTER WELL – SBM INSTALLATION



Source: Company Information



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DORMAN LONG ENGINEERING LIMITED
ORIGINAL EQUIPMENT MANUFACTURERS
(OEMs)

- ROCKWELL AUTOMATION
- SENSIA
- PROSOFT TECHNOLOGY

We leverage on our partnership with these OEMs to ensure that every item we deliver to any customer are the RIGHT ITEMS, delivered at the RIGHT PRICE and ON TIME.

Rockwell Automation (RA) – AUTHORIZED DISTRIBUTOR

RA is world's number one provider of Industrial Automation whose brands includes;

❖ *Allen Bradley*

❖ *FactoryTalk software*

❖ *Lifecycle services*

- Circuit & Load Protection
- Computers & Operator Interface
- Connection Devices
- Drives & Motors
- Energy Monitoring
- Input/Output (I/O) Modules
- Lighting Control
- Motion Control
- Motor Control
- Networks & Communications
- Power Supplies
- Programmable Controllers
- Push Buttons & Signaling Devices
- Relays & Timers
- Safety Products
- Sensors & Switches
- Signal Conditioners
- Software Solutions
- Turbomachinery Control

Allen Bradley (Hardware)



FactoryTalk (Software)



Lifecycle Services (Capability)



Sensia– AUTHORIZED DISTRIBUTOR / PARTNER

Sensia delivers engineered modular and turnkey automation solutions to manage costs, maximize up-time and extract the most value possible from new and existing assets and to maintain the safety of your personnel, assets, and the environment in which you operate. Brands include;

❖ *ICS Triplex*

❖ *AADvance*



Prosoft Technology– AUTHORIZED DISTRIBUTOR

ProSoft Technology specializes in the development of industrial communication solutions for automation and control applications.

❖ *Gateways*

❖ *Prosoft Software*





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Dorman Long Protective Coating (DLPC) Galvanizing

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DLPC

Protective Coating / Galvanizing Services



- DLPC has the first large scale operational **hot dip** galvanizing plant in West Africa with an installed capacity of 90,000 tons per annum

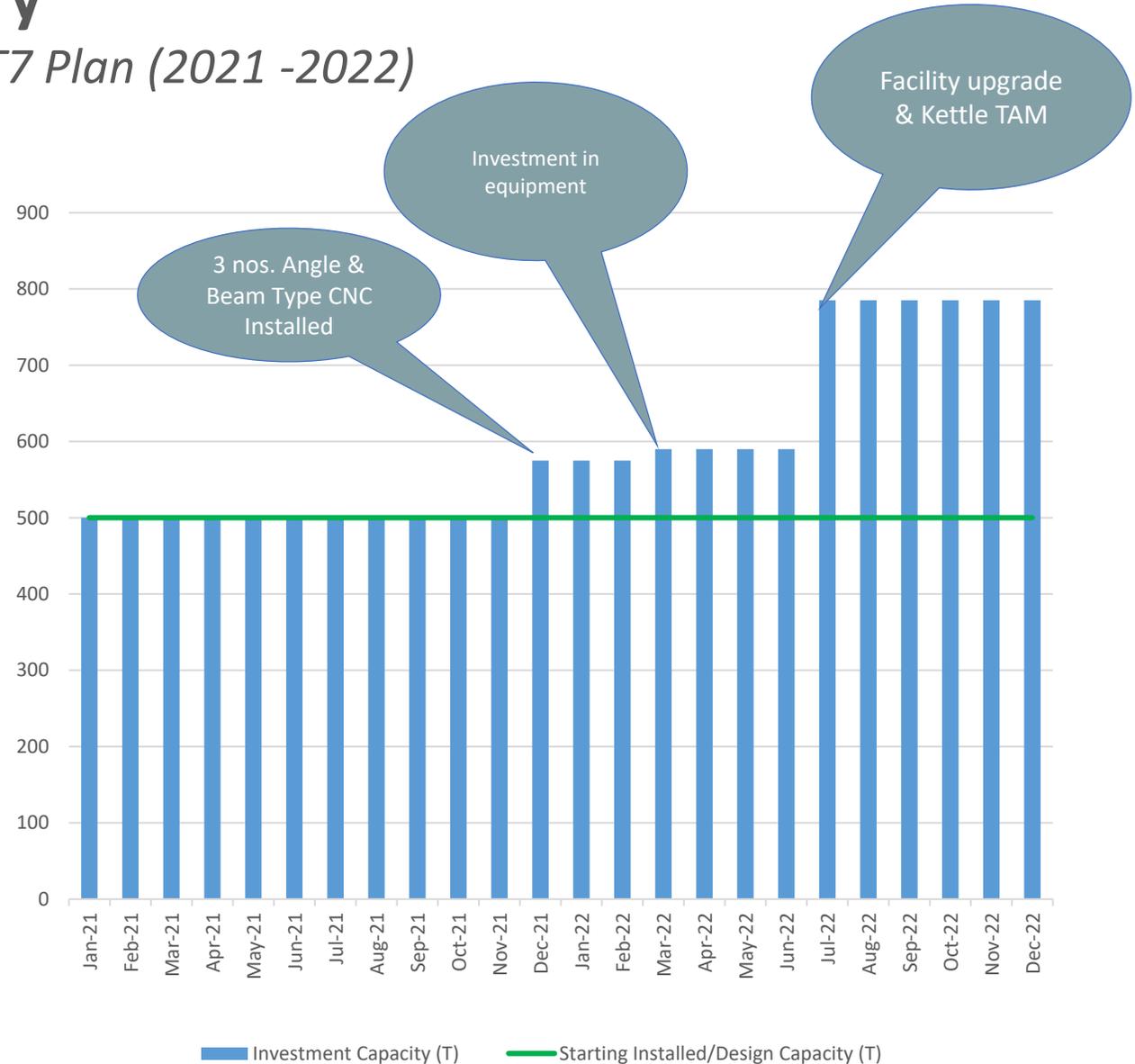
Plant Specification:

- Bath size - 14.0m X 1.5m X 2.45m
- Furnace - 4 x 195,000 Btu/hr dual fuel burners
- Quality standards - BS EN ISO 1461:1999 & ASTM A 123

Business Investment Summary

Production Capacity Ramp-up + NLNG T7 Plan (2021 -2022)

- Added 31% capacity increase from 590mt p.m. to 785mt p.m. affiliated with T7 project investment and heavy structures capability from April 2022
- Miscellaneous CAPEX & OPEX approved
 - Install and commission 2nos Angle Processing CNC Machines Q2 2021
 - Install and commission 1no Beam CNC Drilling Line Q1, 2022
 - Galvanizing acid bath upgrade to PPH Q1, 2022
 - LGV/HGV investments done Q2 2022
 - Galvanizing kettle TAM Q3, 2022
 - Order placed for 2nos Plate CNC punching machine and 1no Beam CNC Band Sawing Machine up to 750mm Q1 2023
 - Engineering L & D In-Progress
 - Operations L & D In-Progress
 - Lean Initiatives In-Progress



Investment plan is in line with the overall strategy of Dorman Long

Thank you!

Questions?