ENERGY MEETS REALITY

MAIN REFERENCES
REVAMP PROGRAM PROJECTS AT MPN FIELD LOCATIONS

Work in progress

Client
MOBIL PRODUCING NIGERIA UNLIMITED

Location
Idoho Field, approx 50 km South of Nigerian Coast

Main contractor
ROSETTI PIVOT LTD

Contract
Fixed Term EPC
Outline Agreement

Award
Feb 2016

Ready for offshore mobilization
October 2018

Scope of work
Project Management, HSEQ
Management, Interface
Management, Construction and Installation Engineering,
Procurement, Onshore Fabrication, Offshore
Demolition/Installation and Pre-commissioning.
Scope of work - mostly like structural and piping replacement - covers the main deck, cellar deck and spider deck

Technical Data
Piping
70 ton approx.

Structures
260 ton approx

Mechanical
Pig Receiver, Sump Tank

E&I
MOV’s, Line Instruments and Transmitters
160 POB [at peak]
TOLMOUNT PLATFORM EPCIC SERVICES

Work in progress

**Client**
HUMBER GATHERING SYSTEM LIMITED

**Location**
TOLMOUNT FIELD - NORTH SEA

**Main contractor**
Rosetti Marino SPA

**Contract**
EPCIC Lump sum

**Award**
May 2018

**Ready for sail away**
April 2020

**Scope of work**
Project management, HSEQ management, interface management, design, engineering, procurement, construction, mechanical completion, onshore commissioning, load-out, transportation, installation, Hook Up and offshore commissioning of Wellhead Platform and Jacket.

**Technical Data**

**Topside:** NUI - Wellhead platform (4 wells + 2 future), LxW: 32x34 meters (LxW)

**Jacket:** 4 legs, height 75 Meters

**Weight:**
Topside approx. 1800 tons
Jacket approx. 2200 tons
Piles approx. 2200 tons
## TYRA FUTURE REDEVELOPMENT PROJECT

**Work in progress**

<table>
<thead>
<tr>
<th>Client</th>
<th>TOTAL DENMARK A/S</th>
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<tbody>
<tr>
<td>Location</td>
<td>NORTH SEA</td>
</tr>
<tr>
<td>Main contractor</td>
<td>Rosetti Marino SPA</td>
</tr>
<tr>
<td>Contract</td>
<td>EPC Lump sum</td>
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<tr>
<td>Award</td>
<td>December 2017</td>
</tr>
<tr>
<td>Ready for sail away</td>
<td>February 2021</td>
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</tbody>
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**Scope of work**
- Project management, HSEQ management, design, engineering, procurement, construction, preservation, mechanical completion, onshore commissioning, load-out and sea fastening of the TEH Topside.
- Certification Service Contract to DNV GL and novation of ICSS (Siemens), Diesel Generators (Framo), Fire Water Pumps (Framo).

**Technical Data**
- Topside - Living Quarters (88 POB), Utility Deck and Helideck: 39x48x35 meters (LxWxH)
- Weight: approx. 5,000 tons
EPICC OF NFB OFFSHORE ACCOMMODATION EXPANSION PROJECT

Work in progress

Client
QATARGAS OPERATING COMPANY LIMITED

Location
NORTH FIELD BRAVO

Main contractor
Rosetti Marino SPA

Contract
Lump sum

Award
April 2017

Ready for sail away
February 2020

Scope of work
Conceptual and Detail Design, Procurement, Installation, Construction, Commissioning,

Brownfield

Technical Data
No. 1 ALQ Jacket (N.4 legs; H=59mt)
total weight: 754 t

No. 4 ALQ Piles
(D=1,524 mt – thk = 8-50mm; L=163,7mt)
total weight: 1,302 t

No. 1 ALQ Topside (N.5 levels)
total weight: 2,253 t

No. 1 ALQ Helideck (helipad in steel structural)
total weight: 174 t

No. 6 Bridges (from LQ to new ALQ: L= 10mt)
total weight: 37 tons
Completed

**BAHR ESSALAM PHASE II TOPSIDE REVAMPING**

**Client**
Mellitah Oil & Gas B.V.

**Location**
Sabratha Platform – Block NC41

**Main contractor**
Technip FMC

**Contract**
Lump sum

**Award**
April 2017

**Ready for start up**
February 2018

**Scope of work**
Construction Engineering, Procurement of bulk material, onshore fabrication, offshore construction activities & Floatel

**Technical Data**
No. 1 ALQ Jacket (N.4 legs; H=59mt)
Total weight: 754 t

No. 4 ALQ Piles
(D=1,524 mt – thk = 38-50mm; L= 163,7mt)
Total weight: 1,302 t
110kV GIS MAIN SUBSTATION 52-SU-3301

Completed

Client
GE Grid Solutions

Final client
TENGIZCHEVROIL

Location
KAZAKHSTAN

Main contractor
Rosetti Marino SPA

Contract
EPC/Lump Sum

Award
October 2016

Ready for sail away
August 2018

Project
Future Growth Project, Wellhead Pressure Management Project (FGP/WPMP)

Scope of work
Construction Engineering, Structure and Architectural Procurement and Fabrication, Load out activities of a 10kV GIS Substation

Technical Data
BUILDING DIMENSION [m]
GIS MODULE
56,3 x 14,60 x 8,644 (h)
UTILITY MODULE
24,8 x 14,60 x 8,644 (h)

BUILDING TOT WEIGHT [ton] 1300
MODULAR SUBSTATION
51-SU-33004

Completed

Client
GE Grid Solutions

Final client
TENGIZCHEVROIL

Location
KAZAKHSTAN

Main contractor
Rosetti Marino SPA

Contract
EPC/Lump Sum

Award
January 2016

Ready for sail away
May 2017

Project
Future Growth Project, Wellhead Pressure Management Project (FGP/WPMP)

Scope of work
Detail design, Construction Engineering, Procurement, Fabrication, Commissioning

Technical Data
BUILDING DIMENSION [m] 24,5 (l) x 14.14 (w) x 7.9 (h)
BUILDING WEIGHT [ton] 414
The proposed Substation is supplied as subdivided in N.14 modules of indicative dimensions (m) 3,5 (W) x 14,2 (L) x 3,9 (H)
EPCI FOR A NEW JACKET FOR SOUTH PARS

Completed

**Client**
PETRO PAYDAR IRANIAN OIL COMPANY

**Location**
IRAN – SOUTH PARS 13 FIELD

**Main contractor**
Rosetti Marino SPA

**Contract**
Fixed UR

**Award**
April 2017

**Ready for sail away**
August 2017

**Offshore installation**
September 2017

**Scope of work**
Conceptual and Detail Design, Procurement, Construction, Transportation and Installation of Jacket SPD13A

**Technical Data**
Nr.1 four-legged jacket with well-head module and appurtenances
Total weight: 1.800 t

Nr.4 piles (inside jacket legs)
Total weight: 1.400 t
WHP3 STRUCTURAL MODIFICATIONS – NENÈ OIL FIELD

Completed

Client
ENI CONGO

Location
RAVENNA - ITALY

Main contractor
Rosetti Marino SPA

Contract
EPC

Award
June 2016

Ready for sail away
November 2016

Scope of work
Detail design, Procurement, Construction and commissioning of WHP3 Platform Jacket and Deck for Nenè Oil Field - Congo

Technical Data
Steel Structures: 650 Tons
Painting: 7,600 Sqm.
**ZOHR PROJECT**

**Client**
PETROBEL

**Location**
Offshore Egypt – Zohr Field

**Main contractor**
Rosetti Marino SPA

**Contract**
Unit rates

**Award**
April 2016

**Ready for sail away**
Batches between June - November 2016

**Scope of work**
Construction Engineering, Procurement and Fabrication activities of steel structures for Jacket, Foundation Piles, Pile Guide Frame (PGF) and Deck for ZOHR Central Control

**Technical Data**
- Nr. 1 four legged Jacket, Nr. 1 topside, nr.1 PGF structure and nr.4 foundation piles.
- Jacket 95 m (H) - Weight: 1714 Tons
- Deck - Weight: 1039 Tons
- Piles - Weight: 927 Tons
- PGF - Weight: 360 Tons

Completed
MOSE I COMPLETION PROJECT

Completed

Client
Consortio Venezia Nuova

Location
Venice – Italy

Main contractor
Rosetti Marino SPA

Contract
Cost plus fee

Award
Feb 2016

Duration
1 year

Scope of work
Structural modifications, commissioning and Start-up of 4 leg jack up installation vessel specially designed for the installation and maintenance of dams for Venice. Entire system is called MOSE.

Modifications on structures and hydraulic systems.

Operations and maintenance program to be agreed (most probably a 3 year period starting from January 2017)
**ABU QIR DEVELOPMENT PROJECT**
**NAQ Q III PLATFORM**

**Completed**

**Client**
Abu Qir Petroleum

**Location**
Offshore Egypt – North Abu Qir Field

**Main contractor**
Petrojet

**Nominated Sub.**
Rosetti Marino SPA

**Contract**
EP/Lump Sum

**Award**
October 2014

**Ready for sail away**
July 2016

**Scope of work**
Engineering and Procurement activities.

**Technical Data**
nr. 1 four legged Jacket,
nr. 1 wellhead module and
topside, nr. 6 gas/oil wells (4 + 2 future)
Jacket: 40,5 m (H) – Weight: 550 Tons
Deck: Weight: 2040 Tons
Piles: Weight: 720 Tons
LER SUBSTATIONS - Future Growth Project, Wellhead Pressure Management Project (FGP/WPMP)

Completed

Client
SKEMA SpA

Final Client
TENGIZCHEVROIL

Location
KAZAKHSTAN

Main contractor
Rosetti Marino SPA

Contract
EPC/Lump sum

Award
October 2014

Ready for sail away
December 2016

Scope of work
Construction Engineering, Procurement, Fabrication, Transportation, Commissioning and Start-up Assistance.

Technical Data
110 kV Main substation
Weight: 500 Tons

110 kV Core substation
Weight: 310 Tons
**DP4 – FPSO INTERFACE WORKS**

**Client**  
STX Offshore & Shipbuilding

**Finale Client**  
MELLITAH OIL & GAS B.V.

**Location**  
Bouri Field - Offshore Libya

**Main contractor**  
Rosetti Marino SPA

**Contract**  
EPIC contract on Turn Key Lump Sum basis

**Award**  
October 2014

**Ready for sail away**  
February 2016

**Scope of work**  
Project Management, Engineering (Basic Design review, detailed engineering, development & Risks assessment), Procurement & Inspection Fabrication, Offshore installation and Hook up, Dismantling, installation and Hook up, recommissioning & Commissioning activities.

**Description**  
New FPSO will be installed near the platform. Modification and interface works on the platform to be done for new risers connection (HV electrical power cable and 16" inc. process piping).

**Technical Data**  
Main new equipment: Transformer, UTA, Switchboard, fiber optic, Control&Safety system extension, ESDV. E&I, mechanical, structural and piping works to perform.
GOLIAT PROJECT
GOLIAT FPSO

Client
KOSSCO LTD (Owner: ENI Norge)

Location
Ulsan, South Korea (1° phase)
Norway, Barents sea (2° phase
Hook up)

Main contractor
Rosetti Marino SPA

Contract
MS
Daily rates

Award
January 2014

Ready for sail away
1st Quarter 2016

Hook up
In progress

Scope of work
Provision of Services for mechanical completion activities on Goliat FPSO (Precommissioning & commissioning – all disciplines).

Technical Data
Weight approx. 60.000 Tons, diameter 120m, height 76m, FPSO with oil storage, sea ballasting system, Gas Turbine Generation and Living quarter Manhours 1° phase: 82.795 Manhours 2° phase: 26.977 (as of 30 Nov. 2015)
DRILLING RIG CONVERSION TO WHP PLATFORM

Completed

Client
LOTOS PETROBALIFIC

Location
Poland

Main contractor
Rosetti Marino SPA

Contract
EPMS

Award
August 2013

Ready for sail away
November 2015

Scope of work
Conversion of drilling rig from MODU to production center. Engineering, Procurement services, management and HUC works.

Technical Data
Weight: Approx. 3.000 tons
new modules and removal
and reconversion of drilling rig
Hull and legs
MARLIN DEVELOPMENT PROJECT

Completed

Client
FOXTROT INTERNATIONAL LDC

Location
Offshore Ivory Coast

Main contractor
Rosetti Marino SPA

Contract
EPC

Award
December 2012

Ready for sail away
Jacket & piles: August 2014
Deck: March 2015

Scope of work
Engineering, Procurement and supply of all material and equipment, prefabrication, fabrication and assembly, precommissioning, commissioning load out, site hook-up, site commissioning and assistance for start-up of:
One (1) 4-legged jacket, four (4) skirt piles, A Four (4) deck level Topside and a 20 POB Living Quarter

Technical Data
Topside: LxWxH 54x31x20
Weight: 4.500 tons
Jacket: H 118 m
Weight: 3.500 tons
(+ 1.300 tons for piles)
Living Quarter: 20 POB
ELETTRA AND FAUZIA PLATFORMS

Completed

Client
ENI SPA

Location
Adriatic Sea

Main contractor
Rosetti Marino SPA

Contract
EPC

Award
April 2013

Ready for sail away
April 2014

Scope of work
Engineering, procurement, construction, load-out and sea fastening, transportation to site, hook up, commissioning, preparation of the platform and assistance during dewatering operations, start up and performance tests of Elettra and Fauzia decks.

Technical Data
Deck: 20x17x22 (LxWxH)
Weight:
Elettra – Approx. 450 tons
Fauzia – Approx 610 tons
IKA & IVANA FIELD DEVELOPMENT PROJECT
IKA JZ PLATFORM

Completed

Client
Inagip doo

Location
Offshore Adriatic Sea, Croatian Sector

Main contractor
Rosetti Marino SPA

Contract
EPC

Award
November 2012

Completion date
July 2014

Scope of work
Engineering, Procurement, Fabrication, Transportation, Offshore Hook-up and Commissioning and Start-up Assistance.

Technical Data
Deck: LxWxH 54x31x20
Weight: 510 tons
Wellhead module: 78 tons
Three-legged jacket: H 72 m
Weight: 735 tons
Piles: 690 tons
Conductors: 242 tons
CLIPPER PLQ UPGRADE PROJECT

Completed

Client
SHELL UK

Location
North Sea UKCS

Main contractor
Rosetti Marino SPA

Contract
EPC

Award
August 2012

Ready for sale away
June 2014

Scope of work
Engineering, procurement, fabrication, testing, onshore commissioning, load-out and sea fastening of the Clipper Accommodation Module with integral Utility Deck and Helideck, the link bridge, the jacket and piles.

Technical Data
Topsides - Living Quarter (84 POB), Utility Deck and helideck: 50x25x25 (LxWxH)
Four-legged jacket (weight: 800 tons)
Weight: Approx. 3000 tons
WEST FRANKLIN PROJECT

Completed

Client
ELF EXPLORATION UK LTD / TOTAL Group

Location
North Sea, UKCS (240 Km East of Aberdeen)

Main contractor
Rosetti Marino SPA

Contract
EPCI

Award
July 2011

Ready for sail away
2013

Scope of work
Engineering, Procurement, Construction, Installation, Hook-up and Commissioning of Topsides for the West Franklin platform

Description
West Franklin topside will be used in the extraction of gas and condensed crude oil, with 9 high pressure and high-temperature wellheads, the estimated production design rate of West Franklin platform is 40,000 barrels of oil equivalent per day.

Technical Data
Topside: LxWxH: 40x40x20 mt
Weight: 3.300 tons
ELGIN B PROJECT

Completed

Client
ELF EXPLORATION UK LTD / TOTAL Group

Location
North Sea, UKCS (240 Km East of Aberdeen)

Main contractor
Rosetti Marino SPA

Contract
EPCI

Award
July 2011

Ready for sail away
June 2013

Scope of work
Engineering, Procurement, Construction, Installation, Hook-up and Commissioning of Topsides for the Elgin B Platform

Description
Elgin B topside will be used in the extraction of gas and condensed crude oil, with 12 high-pressure and high-temperature wellheads, the estimated production design rate of Elgin B platform is of 65,000 barrels of oil equivalent per day.

Technical Data
Topside: LxWxH: 35x35x15mt
Weight: 2.300 tons
DP3/DP4 MODIFICATION & REVAMPING PROJECT

Completed

Client
MELLITAH OIL & GAS B.V.

Location
Bouri Field – Offshore Libya

Main contractor
Rosetti Marino SPA

Contract
EPIC contract on Turn Key Lump Sum basis

Award
October 2012

Provisional Acceptance
November 2013

Scope of work
Engineering, Procurement, Fabrication, Transportation & Delivery, Off-shore installation, Testing, Precommissioning, Commissioning & assistance to the Company during Start-up

Description
Decommissioning and dismantling of Gas Sweetening Unit, Procurement of bulk material (structures, piping, E&I), construction of 3 chemical transfer pump skids & 4 chemical injection skids.

Offshore revamping works onboard two platforms, Update of the DCS/ESD/PSD system

Technical Data
Dismantling of Unit 22 for a total weight of 240 tons (Columns, Piping and Structures)
Cables: 3000m Piping: 60t
Scaffolding more than: 3500 m³

Offshore works: 70,000 mhrs (SIMOPS)
JASMINE DEVELOPMENT PROJECT  JASMINE WHP, JLQ & JRP SUBSTRUCTURES

Completed

Client
ConocoPhillips UK

Location
Central North Sea

Main contractor
Rosetti Marino SPA

Contract
Lump Sum

Award
February 2010 (WHP)
August 2010 (JLQ & JRP)

Ready for sail away
April 2011 (WHP)
April 2012 (JLQ & JRP)

Scope of work
Construction engineering, procurement, fabrication, load-out and sea-fastening.

Description
nr. 3 Jackets and piles

Technical Data
WHP Four-legged jacket:
Weight: 5.300 Te
Nr. 9 skirt piles weighing 3.800 Te

JRP Four-legged jacket:
Weight: 5.600 Te
Nr. 8 skirt piles weighing 3.400 Te

JLQ Four-legged jacket:
Weight: 3.400 Te
Nr. 4 skirt piles weighing 1.700 Te