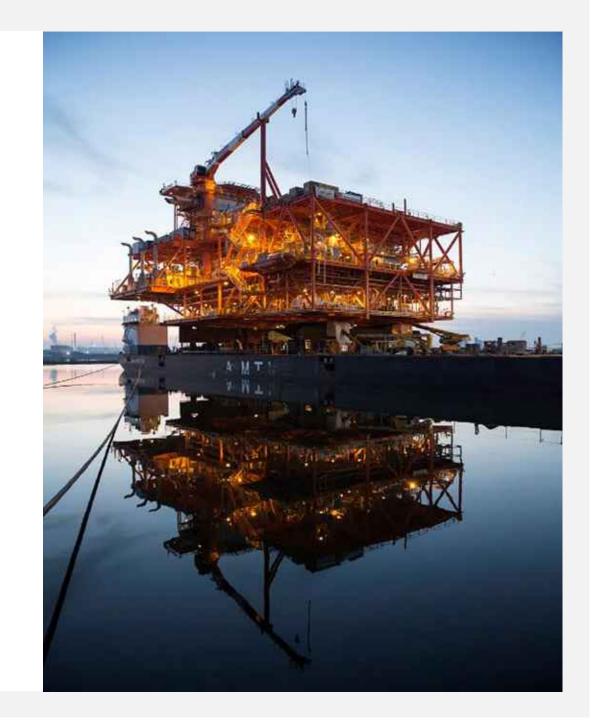


## ENERGY MEETS REALITY

MAIN REFERENCES



## BGUP – Bouri Gas Utilization Project

## Work in progress

#### Client

Mellitah Oil & Gas

#### Location

Mediterranean Sea, 120 km north of Libya (Block NC-41)

#### **Main contractor**

Saipem S.p.A. Libyan Branch

#### Contract

EPCIC - Lump Sum

#### **Award**

August 2023

Ready for sail away / Completion date 2025/2026

#### Scope of work

DP4: New Gas Recovery Module, pig traps, 14" & 10" risers, tie-ins, LQ/TR upgrade DP3: Hang-off module, 14" riser, tie-ins Sabratha: reconditioning of existing 10" facilities

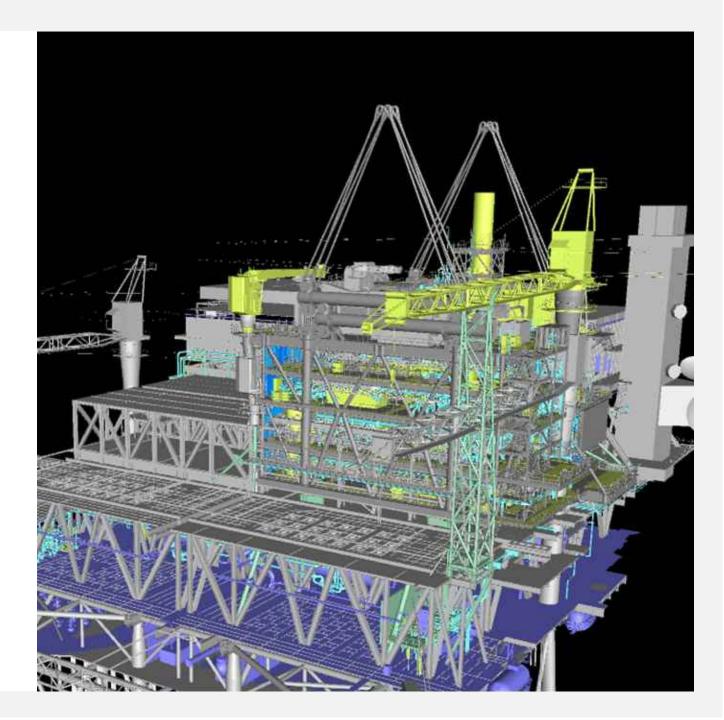
#### **Technical Data**

GRM: 4600 t

Hang-off modules: 440 t

Brownfield: 430 t

Offshore campaign  $\approx 2 \text{ y}$ 



## RAVENNA FSRU TERMINAL

## Work in progress

#### Client

Snam FSRU Italia

#### Location

Adriatic Sea - off the coast of Ravenna, Italy

#### **Main contractor**

Consortium: Rosetti Marino S.p.A., Saipem S.p.A., Micoperi S.r.I.

#### Contract

EPCIC - Lump sum

#### Award

July 2023

#### **Completion date**

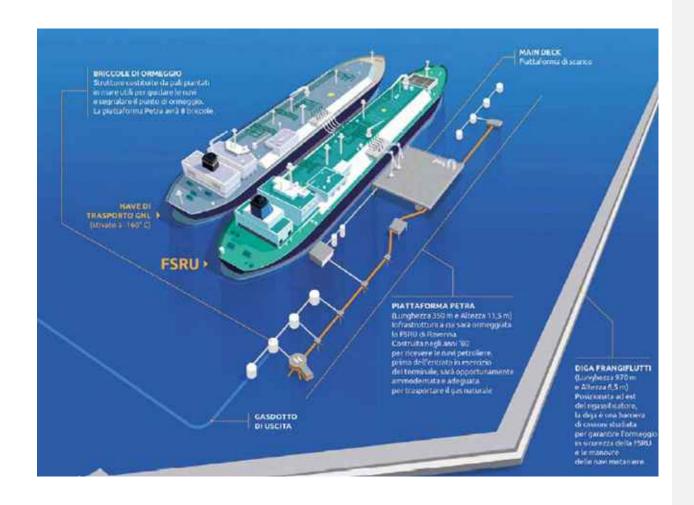
December 2024

#### Scope of work

Engineering, procurement, construction, installation & commissioning of a jacket, topside, mooring dolphins, gangways and foundation piles

#### **Technical Data**

Jacket (30m x 33m, H= 19m) 660 tons Topside (48m x 54m) 1.660 tons Gangways – 990 tons Dolphins – 850 tons Piles – 10.000 tons



## BASELOAD POWER HUB

(H2 PRODUCTION, H2 BATTERY STORAGE, POWER MANAGEMENT SYSTEM FOR WIND FARMS, RENEWABLE POWER GENERATION ENHANCEMENT)

### Work in progress

#### Client

CrossWind – joint venture between Shell (80%) and Eneco (20%)

#### Location

Hollandse Kust Noord offshore windfarm, 18.5 kilometres off the Dutch coast.

#### Main contractor

Rosetti Marino S.p.A.

#### Contract

**EPCIC Lump sum** 

#### **Award**

10<sup>th</sup> July 2023

#### **Completion date**

14<sup>h</sup> November 2025

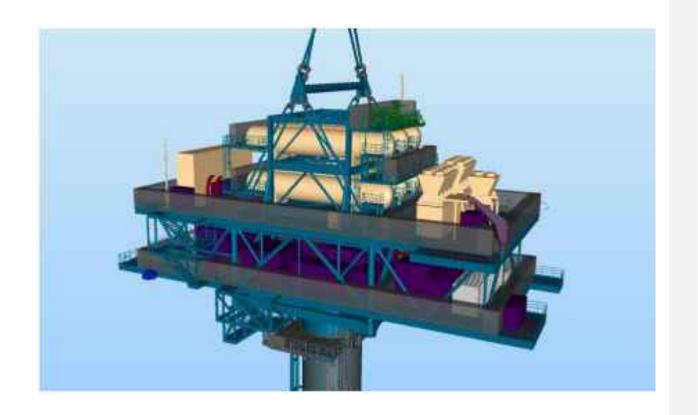
#### Scope of work

Detailed design, procurement of material and equipment, construction work, transport and installation at sea, commissioning and start-up of the platform.

#### **Technical Data**

Technologies to be deployed:

- 1 MWe/5 MWhe lithium-ion BESS
- 2.5 MW electrolyser
- 1,200 kg of 30-40 barg H2 gas storage
- 1.0 MWe fuel cell
- Power Management System
- HV Switchgear 66kV
- Transformers 66/6.6 kV/ 480V
- · Control System, F&G
- Water Treatment Plant



## CAN/AN PRILLING TOWER EMISSION ABATEMENT PROJECT FOR YARA PLANT - Ravenna

## Work in progress

**Client** Yara Italia S.p.A.

**Location** Ravenna (Italy)

Main contractor Rosetti Marino S.p.A.

**Contract** EPCm Services

Award January 2023

**Ready for Commissioning** Octobre 2024

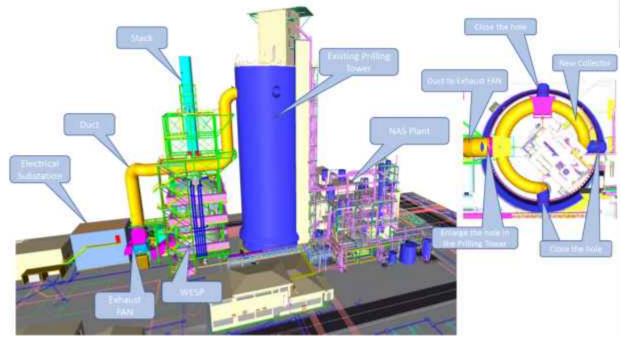
Scope of work

Engineering, Procurement and Construction management services (EPCm) for the execution of the CAN/AN Prilling Tower Emission Abatement Project

**Technical Data** 

Piles: N. 68 (2000 M) Concrete: 900 M³ Structures: 320 TON Equipment: 50 TON Piping, valves: 20,5 TON





## NORDSEE II OFFSHORE WIND FARM JACKET

#### Work in progress

Client

Chantiers de L'Atlantique

Final client

**RWE Renewables** 

Location

Germany - Offshore North Sea

Main contractor

Rosetti Marino S.p.A.

Contract

ePC / Provisional Sum

Award

July 2023

Ready for sail away

July 2025

Scope of work

Fabrication Engineering, Procurement, Construction, Mechanical Completion, Testing and Load-out of one (1) jacket

**Technical Data** 

Four (4) legged Jacket:

· height: 60 m

weight: 2.000 tons

Four (4) Piles:

72 m x 2.5m, thk = 50/90mm

· weight: 4 x 305 tons



## GODEWIND 4 OFFSHORE WIND FARM TRANSITION PIECE

#### Work in progress

#### Client

Chantiers de L'Atlantique

#### Final client

**RWE Renewables** 

#### Location

Germany - Offshore North Sea

#### Main contractor

Rosetti Marino S.p.A.

#### Contract

ePC / Provisional Sum

#### Award

September 2023

#### Ready for sail away

July 2025

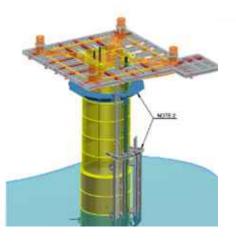
#### Scope of work

Fabrication Engineering, Procurement, Construction, Mechanical Completion, Testing and Load-out of one (1) transition piece

#### **Technical Data**

Height: 30 m

Main tube dia: 7.5 m (thk 75/85 mm) Skirt dia: 7.85 m (thk 50/60 mm) Footprint cellar deck (between axis): 15m x 15m (max 28,5 x23,5)



# RATIONALIZATION OF THE RUBBER PRODUCTION FACILITIES FOR THE VERSALIS

DI ANT DOVODDO

Work in progress

**Client** ENI Versalis SpA

**Location** Ravenna (Italy)

Main contractor Rosetti Marino S.p.A.

Contract EPC/Lump sum

Award March 2023

**Ready for Commissioning** March 2025 Scope of work

Detail design, procurement, construction and precommissioning of onshore rubber material production plant (NEOCIS & SOL)

#### **Technical Data**

Piles: N. 586 (7.400 M) Concrete: 4.076 M³ Structures: 670 TON Equipment: 274 TON Piping, valves: 323 TON Passive Fire Protec.: 940 M²

Insulation: 2770 M<sup>2</sup> Painting: 22.200 M<sup>2</sup>



## LOW CARBON SOLUTIONS

### Work in progress

#### **Emitters**

ENI Versalis, YARA, CABOT

#### **Technical Providers**

Baker Hughes - Rosetti Marino - Giammarco Vetrocoke

#### Location

RAVENNA (2) and FERRARA (1)

#### Start date

October 2022

#### **Expected completion date**

Q4 2026

#### **Technical Data**

Total captured and stored CO2: 700.000 tons/y

#### **Project**

Carbon Capture and Storage (CCS) in Ravenna e Ferrara Petrochemical Plants consisting CO2 capture plants, collection network, final CO2 compression and offshore storage in depleted gas reservoirs (ENI assets)

#### Scope of work

feasibility study, assistance for financial proposal submission to European Innovation Fund

#### **Next steps**

FEED Package, Detail design, Procurement and Construction of the N°3 Carbon Capture plants

#### **Emitters**





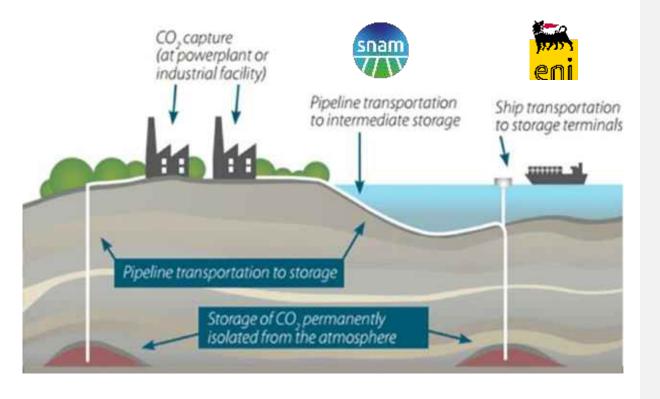


#### **Technical Providers**









# FENIX PROJECT – EPC OF ONE OFFSHORE WELLHEAD PLATFORM

## Completed

Client

Total Austral SA

Location

Tierra del Fuego (Argentina)

Main contractor Rosetti Marino S.p.A.

Contract

EPC/Lump sum

Award 30/03/2022

Ready for sail away Deck: January 2024 Jacket: November 2023

Scope of work

Engineering, Procurement, Construction, Commissioning, Load Out & Seafastening of one offshore wellhead platform

#### **Technical Data**

A 4-legged jacket to be installed in approx.71 m water depth with associated appurtenances such as piles, disposal tube, anodes, etc., incl. pre-installed risers, J-tubes and facilities for future subsea wells.

A four-legged deck incl. well flow lines, production manifold, multiphase meters, pig launcher for the export pipeline, cold vent network, closed and open drain systems, walkways, stairs, helideck, access platforms, technical room / accommodation, crane, fuel gas skids etc.

Net weight: Jacket 1.537 t Piles (x4) 1.104 t Total topside 1.385 t







## EPCIC8: FDBN F-Location Debottlenecking Project

## Completed

#### Client

North Oil Company

#### Location

Al Shaheen field, Offshore Qatar

#### Main contractor

Rosetti Marino S.p.A.

#### Contract

EPCIC/Lump Sum

#### **Award**

June 2021

#### **Completion Date**

April 2024

#### Scope of work

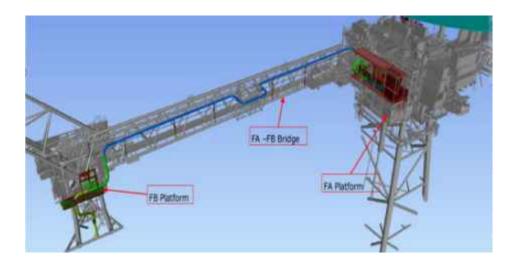
Detailed Engineering, Procurement, Supply, Construction, Load-out, Seafastening, Transportation and Installation at SITE,
Pre-Commissioning and further
Hook-Up and Commissioning at
SITE of the Main Components
and the integration on the existing
facilities.

#### **Technical Data**

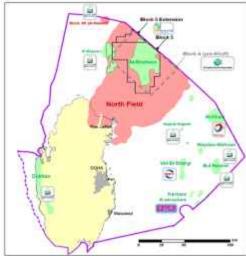
Integration of a new subsea pipeline and riser tie-in from the new CPP and brownfield upgrade scope of existing FA and FB facilities at F-Location.

#### Main components are:

- KOD Module;
- · Pig Launcher Module;
- Deck extension on FB;
- Piping on bridge FA-FB.







## REVAMPING FOR SINGLE POINT MOORING SYSTEMS 1 AND 2 AND BUOY OPERATING PLATFORM

### Work in progress

#### Client

NAOC

(Nigeria Agip Oil Company)

#### Location

Niger Delta (Nigeria)

#### Main contractor

Rosetti Pivot Ltd

#### Contract

**EPCI** 

#### Award

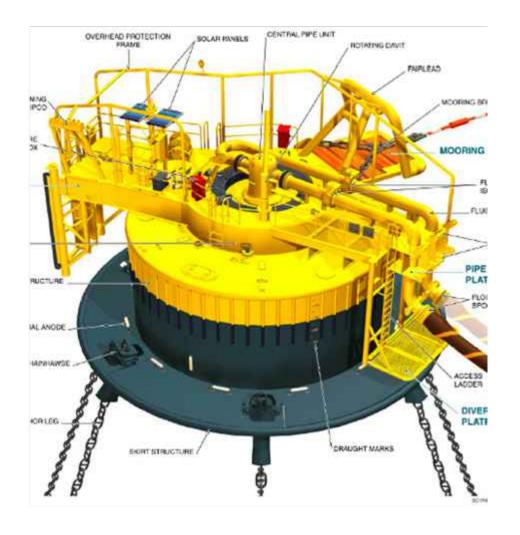
20 September 2021 for SPM 2 01 February 2022 for SPM 1

#### Ready to sail away

September 2022 for SPM2 January 2023 for SPM1

#### Scope of work

Extraordinary maintenance for Single Point Mooring Systems 1 and 2 and Buoy Operating Platform



## BRASS BUOY SPM 2 REPLACEMENT PROJECT

## Work in progress

#### Client

NAOC (Nigeria Agip Oil Company)

#### Location

Niger Delta (Nigeria)

#### Main contractor

Rosetti Pivot Ltd

#### Contract

**EPCI** 

#### **Award**

April 2022

#### Ready to sail away

December 2023

#### Scope of work

Procurement and In-Country
Assembly of new SPM2 Buoy, Incountry Fabrication of PLM,
Anchor Piles, System Flushing
and Isolation prior to
disconnection. Decommissioning
and towing out of the existing
system, installation of new Buoy,
PLEM and ancillaries.
Commissioning and
classification of the new system,
Supply of Capital Spares and
geotechnical and geological
survey.

#### **Technical Data**

Approx. weight 285 tons Dimensions

- Buoy Body Diameter 12 Mt
- Skirt Diameter 16 Mt
- Buoy Body Height 5.3 Mt



## ISND - PH5.1B OFFSHORE HOOK UP SERVICE

## Completed

**Client:** 

**Qatar Energy** 

Location:

Offshore Qatar

**Main Contractor:** 

Saipem S.p.A.

Contract

**EPCm** 

Award:

April 2022

**Completion Date:** 

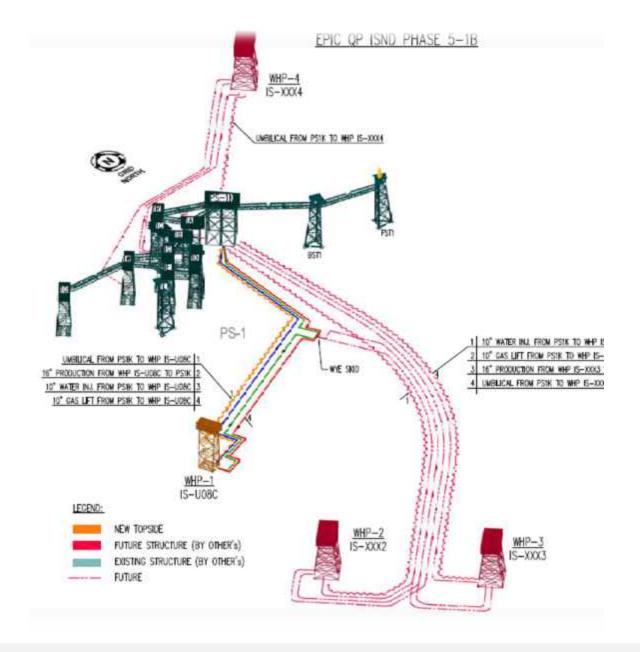
July 2023

#### **Scope of Work:**

**Technical Services:** 

Preparation of Job cards, hook up services for WHP-1 topside and brownfield modification on PS-1K

Tot. Manhours: Approx. 250.000



## CALVADOS OFFSHORE WIND FARM PRE-PILED JACKET

#### Completed

Client

Chantiers de L'Atlantique

Final client

Eoliennes offshore du Calvados

Location

France - offshore Calvados

Main contractor

Rosetti Marino S.p.A.

Contract

ePC / Provisional Sum

Award

May 2021

Ready for sail away September 2022

Scope of work

Fabrication Engineering, Procurement, Construction, Mechanical Completion, Testing and Load-out of one (1) jacket

**Technical Data** 

Four (4) legged Jacket:

Height: 50 m

Weight: Approx. 1.250 tons

Tot. Manhours: 144,000

## FECAMP OFFSHORE WIND FARM PRE-PILED JACKET

#### Completed

Client

Chantiers de L'Atlantique

Final client

Eolien Maritime France

Location

France - offshore Fécamp

Main contractor

Rosetti Marino S.p.A.

Contract

ePC / Provisional Sum

Award

Ready for sail away April 2022

Scope of work

Fabrication Engineering, Procurement, Construction, Mechanical Completion, Testing and Load-out of one (1) jacket

Technical Data

Four (4) legged Jacket:

· height: 60 m

· approx. weight: 1.500 tons

Tot. Manhours: 165,000

#### Clien

Chantiers de L'Atlantique

Completed

Final client

Eolien Maritime France

Location

France - offshore St. Nazaire

SAINT NAZAIRE

PRE-PILED JACKET

OFFSHORE WIND FARM

Main contractor

Rosetti Marino S.p.A.

Contract

ePC / Provisional Sum

Award

November 2019

#### Ready for sail away

May 2021

Scope of work

Fabrication Engineering. Procurement, Construction, Mechanical Completion, Testing and Load-out of one (1) jacket

**Technical Data** 

Four (4) legged Jacket:

· height 48 m

· approx. weight; 1.150 tons

Tot. Manhours: 176,000





## WHP D33 PROJECT

## Completed

Client

Lukoil-KMN

Location

Kaliningrad (Russia)

**Main contractor** 

ooo Rosetti Marino Projekt

Contract

**EPCIC Lump sum** 

**Award** 

June 2021

**Completion date:** 

Jacket - July 2022 Topside - April 2023

Scope of work

Project management, detail engineering, procurement, construction, mechanical completion, onshore commissioning, load-out, transportation, installation, Hook Up and offshore commissioning of Wellhead Platform and Jacket

**Technical Data** 

Topside: Wellhead platform (12 wells + 2 future), : 55x45 meters

(LxW)

Jacket: 4 legs, height 90

Meters

Weights:

Topside approx. 5500 tons Jacket approx. 3100 tons Piles approx. 1150 tons



## TYRA FUTURE REDEVELOPMENT PROJECT

### Completed

Client

TOTAL DENMARK A/S

**Location**NORTH SEA

Main contractor Rosetti Marino SPA

**Contract** EPC Lump sum

Award
December 2017

Ready for sail away February 2022

Scope of work
Project management, HSEQ
management, interface
management, design, engineering,

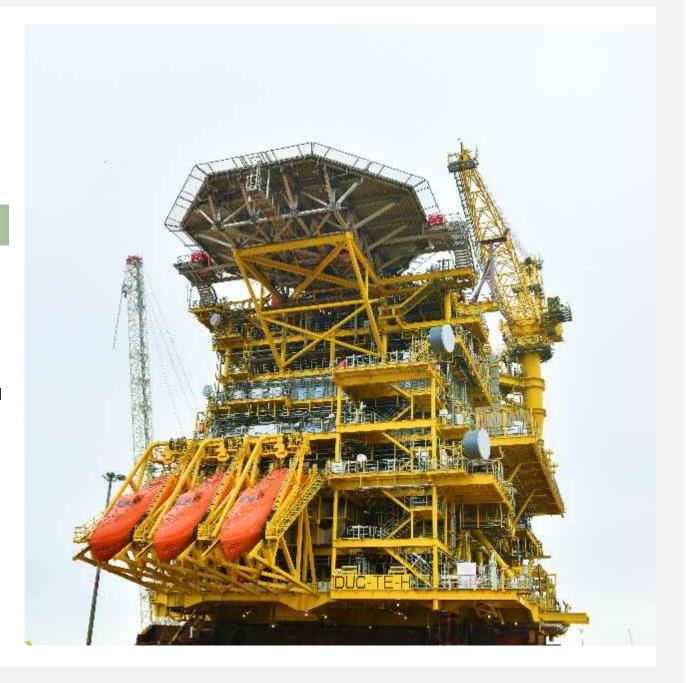
procurement, construction, preservation, mechanical completion, onshore commissioning, load-out and sea fastening of the TEH Topside. Certification Service Contract to DNV GL and novation of ICSS (Siemens), Diesel Generators (Framo), Fire Water Pumps (Framo).

#### **Technical Data**

Topside - Living Quarters (88 POB),Utility Deck and Helideck: 39x48x35 meters (LxWxH)

Weight: approx. 5,000 tons

Tot. Manhours: 2,880,000



# REVAMP PROGRAM PROJECTS AT MPN FIELD LOCATIONS

### Completed



#### 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 Precommissioning.
Scope of work - mostly like-for-

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

<u>E&I</u>

MOV's, Line Instruments and Transmitters

160 POB [at peak]

## TOLMOUNT PLATFORM EPCIC SERVICES

### Completed

#### 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

September 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**

<u>Topside</u>: NUI - Wellhead platform (4 wells + 2 future), : 32x34 meters (LxW)

<u>Jacket:</u> 4 legs, height 75 Meters

Weight:

Topside approx. 1800 tons Jacket approx. 2200 tons Piles approx. 2200 tons

Tot. Manhours: 1,200,000



# EPICC OF NFB OFFSHORE ACCOMMODATION EXPANSION PROJECT

## Completed

#### Client

QATARGAS OPERATING COMPANY LIMITED

Location
NORTH FIELD BRAVO

Main contractor
Rosetti Marino SPA

**Contract** EPICC Lump sum

Award April 2017

Ready for sail away February 2020

Scope of work

Conceptual and Detail Design, Procurement, Installation, Construction, Commissioning, Brownfield

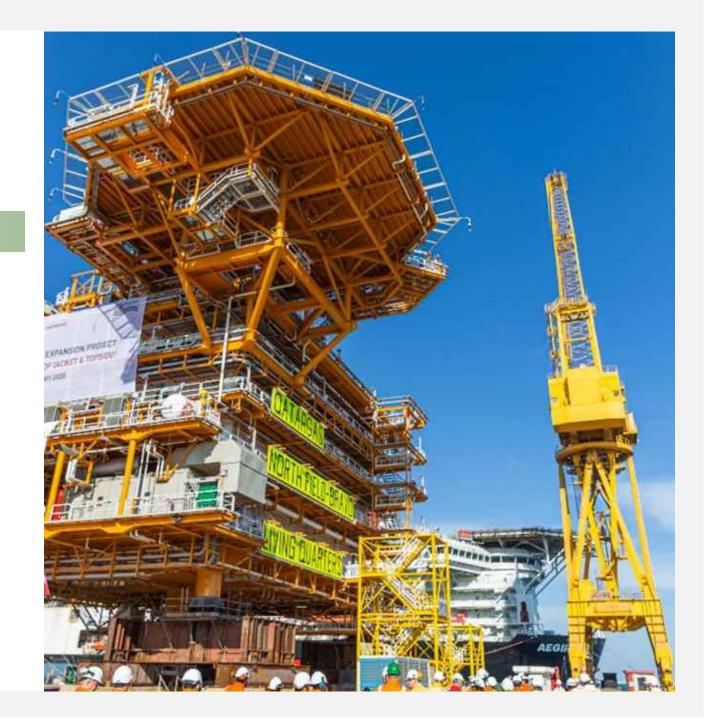
**Technical Data** 

ALQ: L= 10mt)

total weight: 37 tons

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

Tot. Manhours: 2,040,000



## BALANCE OF PLANT FOR 2 NEW STEAM GENERATORS

## Completed

Client

**VERSALIS** 

Location

Porto Marghera (Italy)

**Main contractor** 

Rosetti Marino SPA

Contract

ePC Lump sum

**Award** 

May 2016

Ready for commissioning

November 2017

Scope of work

Detail design, Procurement, Construction and Commissioning of Balance of Plant for 2 new steam generators, civil works, mechanical, electrical/instrumentation, painting and insulation activities included.

**Technical Data** 

Piping: 560 Tons.

N. 220 Tie-ins

Steel Structures: 200 Tons.

N. 3 Pumps

N. 2 Tanks modifications

Painting: 7,600 Sqm.

Insulation: 8,600 Sqm.

Cables E&I: 55,000 Mt.

Concrete: 2,000 Cum.

Direct Manhours: 300,000

Manpower peak: 100



## Remote Instrument Enclosure (RIE) and LSA

## Completed

#### Client

PSNK (Wood Group)/ TCO

#### Contract

epC Unit Rates/Lump sum

#### **Award**

June 2017

#### Ready for sail away

First RIE: October 2019

Last RIE :April 2020

Costruction site: KCOI Yard,

Aktau

#### **Final delivery Location**

Atyrau / Tengiz

#### **Scope of Work description:**

- Shop drawings
- Procurement
- Installation of Automation systems (Honeywell-PCS/ESD/F&G)
- Fabrication, Integration, Testing, Inspection
- Electrical and Instrumentation works
- Pre-commissioning and Commissioning
- Delivery FCA/FOB

BUILDING TOT WEIGHT [ton] 1750







RIE No.	Size (L x W x H)	Weight (ton)	Description
2051	18.9 x 6.7 x 5.1	110	Multi Well Pad DP20 – Injection Remote Instrument Enclosure
2057	18.9 x 6.7 x 5.1	110	Multi Well Pad DP21 – Injection Remote Instrument Enclosure
2055	18.9 x 6.7 x 5.1	110	Multi Well Pad DP22 – Injection Remote Instrument Enclosure
2053	18.9 x 6.7 x 5.1	110	Multi Well Pad DP23 – Injection Remote Instrument Enclosure
2059	18.9 x 6.7 x 5.1	110	Multi Well Pad DP24 – Injection Remote Instrument Enclosure
9105	36.2 x 7.55 x 5.9	315	Steam Boiler 1 & 2 Large Standalone Remote Instrument Enclosure
9106	36.2 x 7.55 x 5.9	315	Steam Boiler 3 & Flare Large Standalone Remote Instrument Enclosure
4001	27.35 x 6.7 x 6.0	200	OGP Dehydration Large Standalone Remote Instrument Enclosure
0303	24.5 x 14.6 x 6.6	320	3GI Injection - Reception Large Standalone Remote Instrument Enclosure
PM4	10.5 x 4,5 x 5,5	50	PM4 Additional RIE

## BAHR ESSALAM PHASE II TOPSIDE REVAMPING

## Completed



#### 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

**Tot. Manhours: 146,000** 

## 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

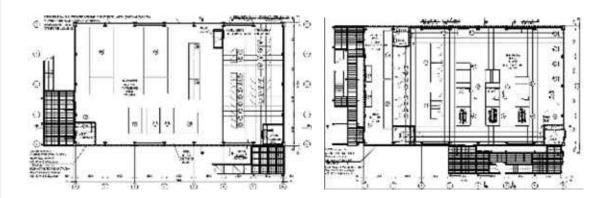
Nr.4 piles (inside jacket legs) Total weight: 1.400 t

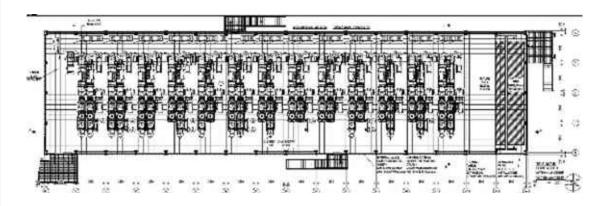
**Tot. Manhours: 139,000** 



## 110kV GIS MAIN SUBSTATION 52-SU-3301

### Completed





#### Client

SKEMA SpA

#### 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

Structure and Architectural Detail Design, Procurement and Fabrication, Load out activities of a 110kV 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

**Tot. Manhours: 232,000** 

## MODULAR 35kV 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)

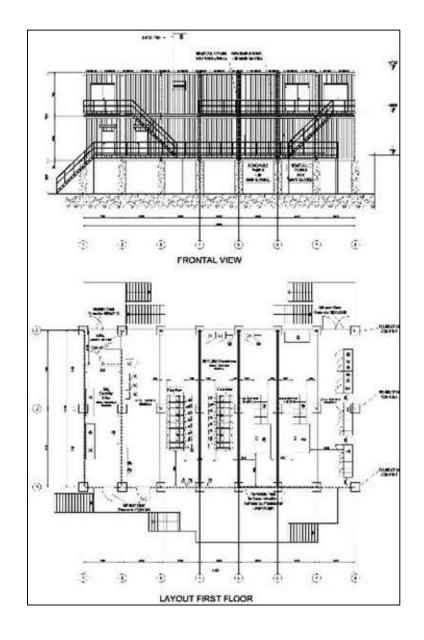
#### Scope of work

Detail design, Construction Engineering, Procurement, Fabrication, Commissioning including HV/MV

#### **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) x14,2 (L) x 3,9 (H)

**Tot. Manhours: 107,000** 



## 110kV GIS CORE SUBSTATION

## Completed

Client SKEMA SpA

Final Client
TENGIZCHEVROIL

**Location** KAZAKHSTAN

Main contractor Rosetti Marino SPA

**Contract** EPC/Lump sum

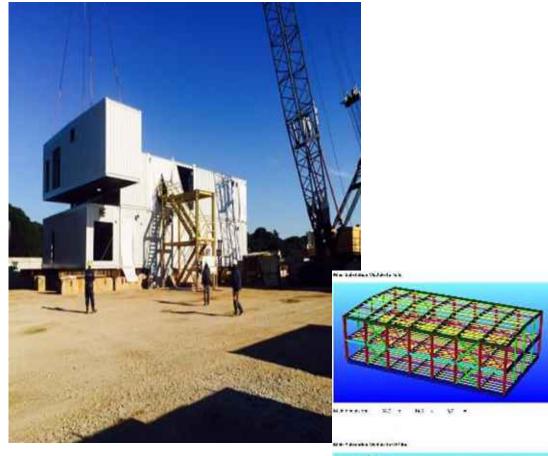
Award October 2014 Ready for sail away December 2016

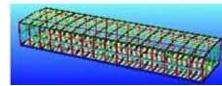
Scope of work
Structure and Architectural
Detail Design, Procurement and
Fabrication, Load out activities of

a 110kV GIS Substation

**Technical Data** 110 kV Core substation Weight: 310 Tons (structures only)

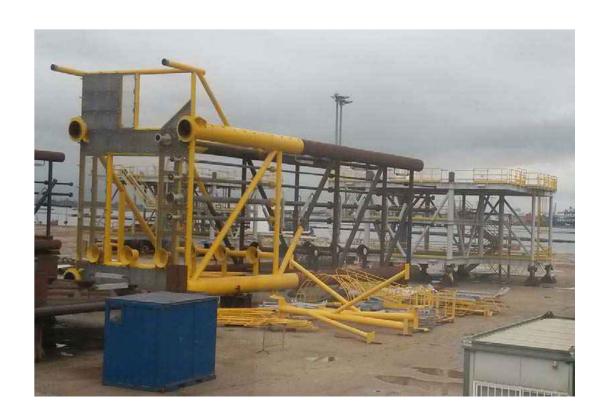
Tot. Manhours: 92,000





## 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** 

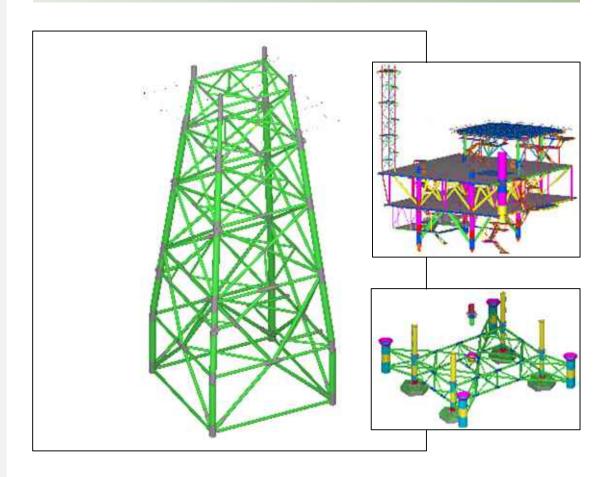
Steel Structures: 650 Tons

Painting: 7,600 Sqm.

Tot. Manhours: 84,000

## **ZOHR PROJECT**

## Completed



#### 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

#### Platform.

#### **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

Tot. Manhours: 18,000

## MOSE I COMPLETION PROJECT

### Completed

#### Client

Consorzio Venezia Nuova

#### Location

Venice - Italy

#### Main contractor

Rosetti Marino SPA

#### Contract

Cost plus fee

#### **Award**

Feb 2016

#### Duration

1 year

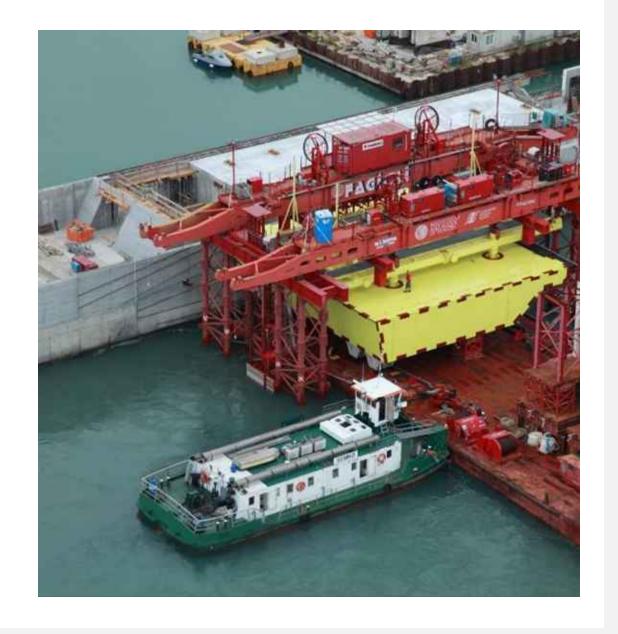
#### Scope of work

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.
Technical assistance for Mechanical Completion, Pre-comm and commissioning.
Operations and Maintenance.
Offshore Tests in November 2016:

Operations and maintenance program to be agreed (most probably a 3 year period starting from January 2017)

Tot. Manhours: 30,000



# ABU QIR DEVELOPMENT PROJECT NAQ Q PIII 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

**Tot. Manhours: 160,000** 



## DP4 – FPSO INTERFACE WORKS

## Completed



#### Client

STX Offshore & Shipbuilding

#### **Final 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.

Tot. Manhours: 86,000

## **GOLIAT PROJECT GOLIAT FPSO**

### Completed

#### Client

KOSSCO LTD (Korea) and MDE (Norway)

Final Client: 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

#### Scope of work

Provision of Services for mechanical completion activities on Goliat FPSO during Construction at Yard (Precommissioning & commissioning - all disciplines) and during Offhore hookup.

#### **Technical Data**

Weight approx. 65.000 Tons, diameter 120m, height 76m, FPSO with oil storage, sea ballasting system, Gas Turbine Generation and Living quarter

#### Manhours 1° phase (Korea): 80.000 Manhours 2° phase (Norway): 70.000



## DRILLING RIG CONVERSION TO WHP PLATFORM

### Completed

Client

LOTOS PETROBALTIC

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

**Tot. Manhours: 293,000** 



## 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

Tot. Manhours: 940,000



## 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.

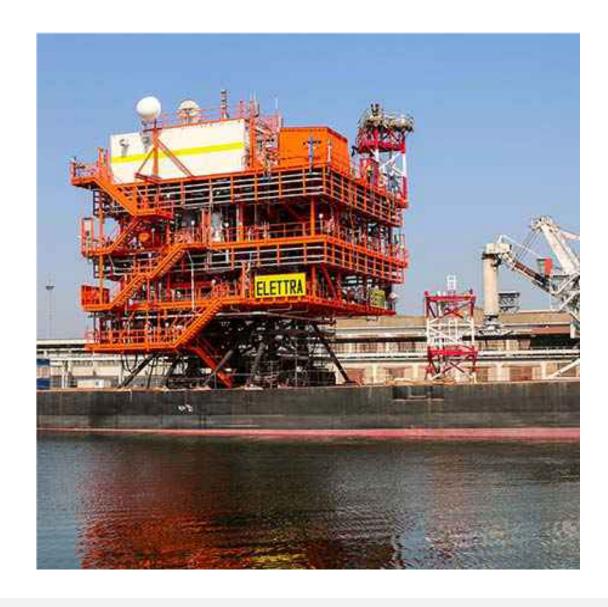
**Technical Data** 

Deck: 20x17x22 (LxWxH)

Weight:

Elettra – Approx. 450 tons Fauzia – Approx 610 tons

Tot. Manhours - Elettra: 122,000 Tot. Manhours - Fauzia: 186,000



# 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.

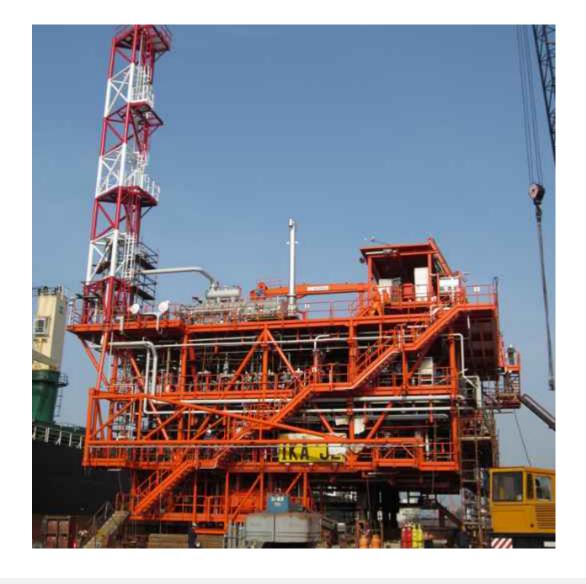
#### **Technical Data**

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

Tot. Manhours: 514,000



## 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

June 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

**Tot. Manhours: 707,000** 



## **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

Tot. Manhours: 529,000



## 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)

**Tot. Manhours: 107,000** 



# JASMINE DEVELOPMENT PROJECT JASMINE WHP, JLQ & JRP SUBSTRUCTURES

## Completed

Client

ConocoPhillips UK

Location

Central North Sea

**Main contractor** 

Rosetti Marino SPA

Contract

**EPC 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

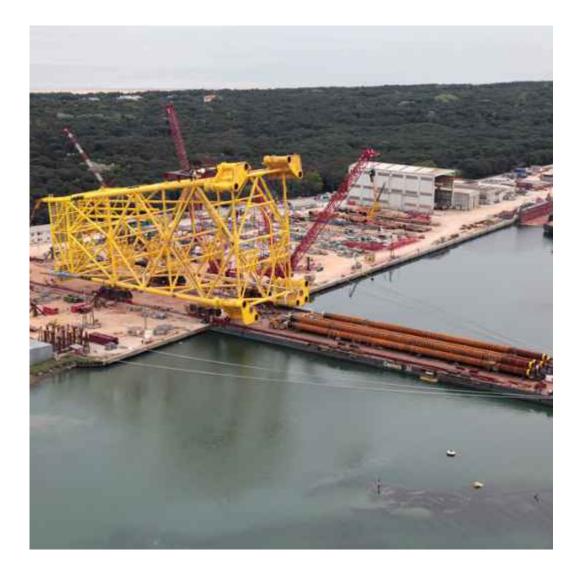
JLQ Four-legged jacket:

Weight: 3.400 Te

Nr. 4 skirt piles weighing 1.700 Te

Tot. Manhours - WHP: 475000 Tot. Manhours - JLO: 355000

Tot. Manhours - JRP: 455000



## KASHAGAN **EXP. PROGRAM - TEMPORARY UTILITY MODULE**

## Completed

Client:

**ERSAI Caspian Contractor LLC** 

Location:

Caspian Sea, Kazakhstan Sector

**Main Contractor:** 

Rosetti Marino

**Award** 

June 2007

Ready for sail away

August 2008

**Type of Contract** 

**EPC** 

Lump sum

**Scope of Work** 

Engineering, Procurement and Construction of Temporary Utility Module (T.U.M.)

**Technical data** 

Overview of dimensions and

capacities:

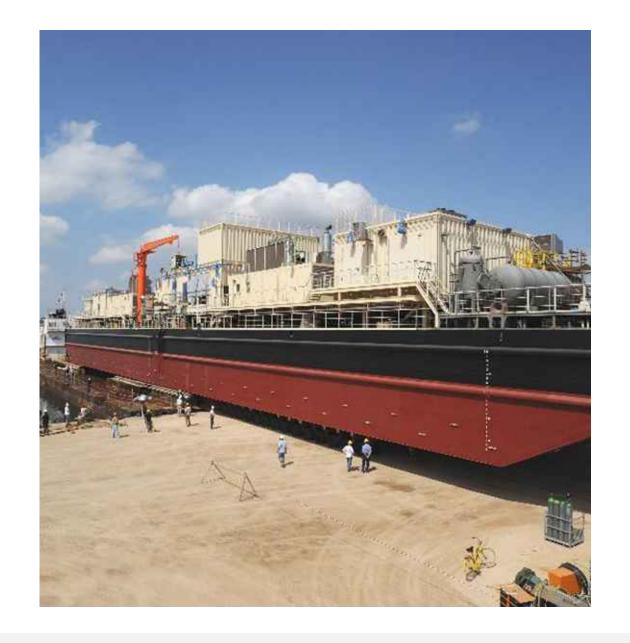
Length o.a.: 95 m Breadth o.a.: 16 m Design draft: 3,6 m

Height: 14 m

Weight: 1.600 tons

Design Temperature: Suitable for operation all year round (-

36 to +40 °C)



## ADDITIONAL LIVING QUARTER- KARLYGASH

### Completed

**Client:** 

Agip KCO

Location:

North Caspian Sea, Kazakhstan Sector

**Main Contractor:** 

Rosetti Marino

**Date of Contract Award:** 

November 2004

Ready for load Out: July 2006

Overview of dimensions and capacities of the LQ Barge

Length o.a.: 95 m Breadth o.a.: 16.40 m Design draft: 3,6 m3 Displacement: 5.459 tons Classification

Barge is certified by Russian Maritime Register of Shipping and Statutory regulators by RoK

**Class Notation** 

Berth connected vessel (floating hostel) + ice class

Scope of Work: 180 POB Living Quarter (LQ) Barge suitable for operation all year around in the North Caspian Sea both in grounded and floating condition. Temporary Refuge is pressurised and equipped with BA system capable of supporting life of 180 person in a hydrocarbon/toxic/explosive atmosphere for an endurance time of 120 minutes.



## MISKAR COMPRESSION MODULE

### Completed

**Client** BG TUNISIA

Owner/Operator BECHTEL Ltd (UK)

**Location** 120 km offshore Tunisia, Mediterranean Sea

Main contractor Rosetti Marino SPA

**Contract** ePC

Award March 2003 Ready for Load out July 2004

Scope of work
Construction Engineering,
Partial Procurement,
Fabrication, Onshore
Construction, Onshore
Commissioning, Load-out,
Seafastening, Transport and
tow.

**Description**Compression Module
Size: 23x40x10 (height)
Total weight: 1.500 tons

