



ENERGY MEETS REALITY

MAIN REFERENCES – ONSHORE & REVAMPING
PROJECTS



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

February 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-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

E&I

MOV's, Line Instruments
and Transmitters

160 POB [at peak]

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)

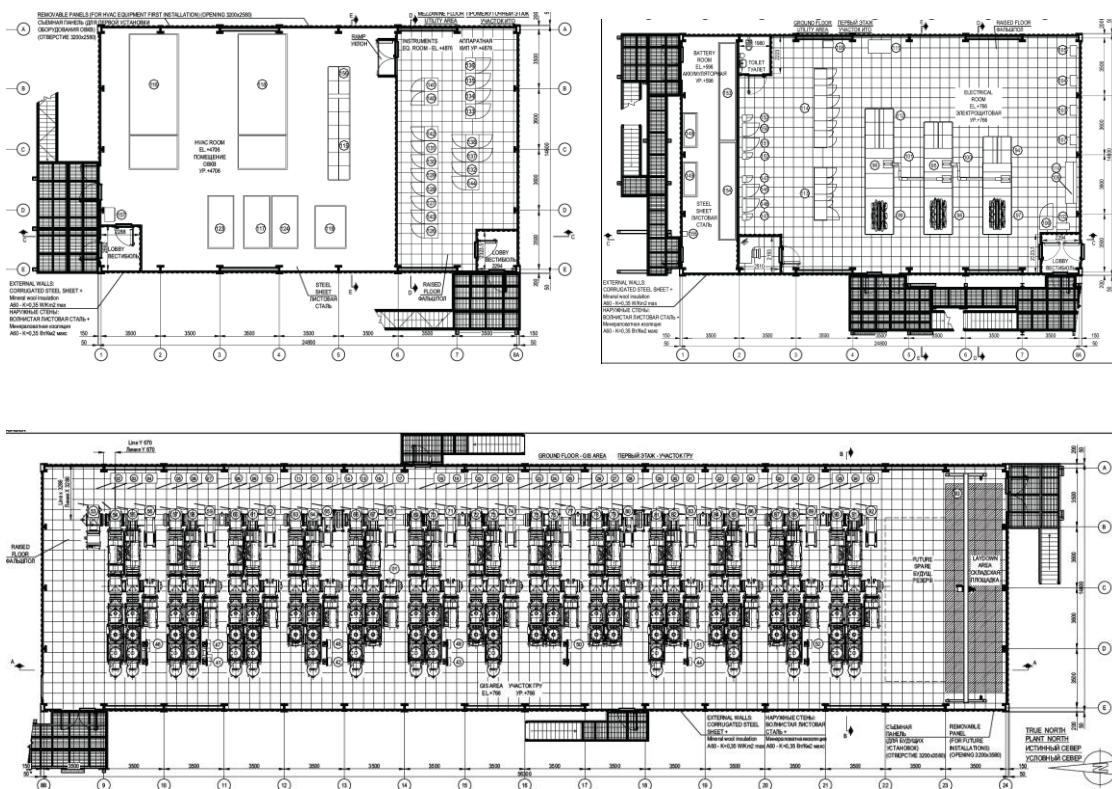
Total weight: 754 t

No. 4 ALQ Piles
(D=1,524 mt – thk = 38-
50mm; L= 163,7mt)

Total weight: 1,302 t

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

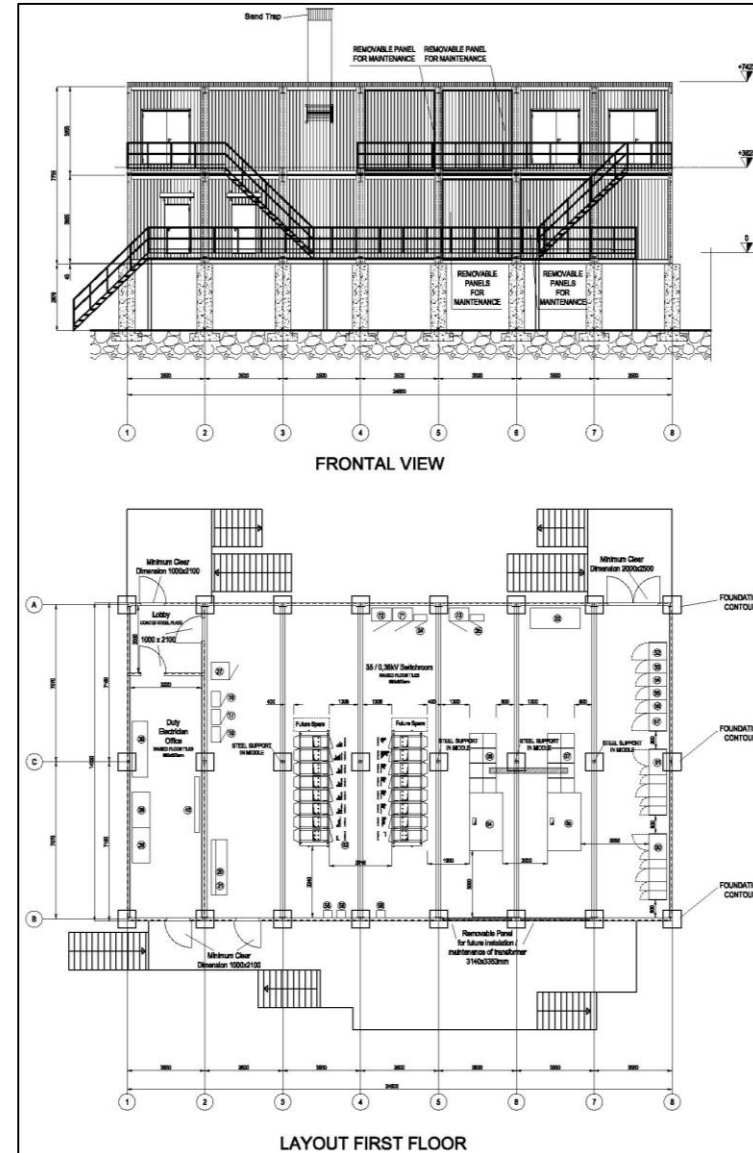
Award
January 2016

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



BALANCE OF PLANT FOR 2 NEW STEAM GENERATORS

Completed

Client

VERSALIS

Location

PORTO MARGHERA - ITALY

Main contractor

Rosetti Marino SPA

Contract

EPC

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, involving civil works, mechanical, electrical/instrumentation, painting and insulation activities

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.

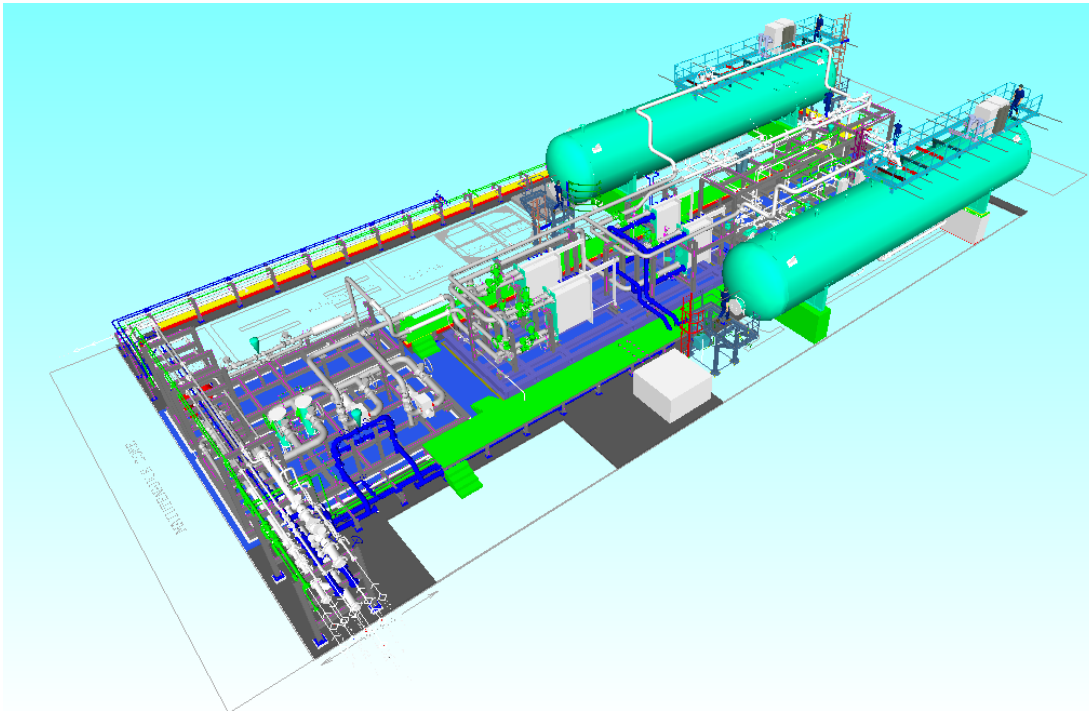
Cables E&I: 55,000 Mt.

Concrete: 2,000 Cum.



FUEL OIL TREATMENT PLANTS & EFFLUENT WATER TREATMENT PLANTS

Completed



Client
GE ENERGY

Location
Assiut - Egypt

Contract
Lump Sum – Turn Key

Award
January 2015

Duration
1 Year

Scope of work
Design, Engineering,
Procurement, Construction,
Commissioning and Start-up.

Description
N. 2 modularised plants for

conditioning and treatment of
Heavy Fuel Oil (HFO) to make it
suitable to feed gas turbines

Technical Data (each plant)
Treated HFO: 145 t/h
Treated Effluent Water: 15 m³/h

Plant Main Features
Two-Stage Electrostatic
Separation System
Process Module (Heating and
Water Pumping System,
Sampling System & Others)
Waste Water Recovery Pit System
Sludge Recovery Pit System
HFO Transfer Pump System
System Control building
Oil/Oil Economizer System
Steam/Oil Heat Exchanger
System

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

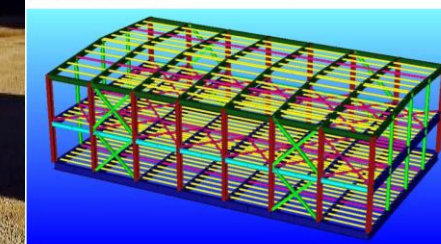
Ready for sail away
December 2016

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

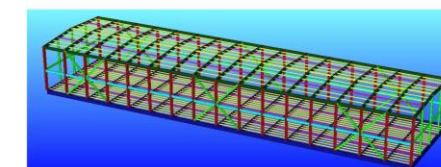


Main Substation Module for GIS.



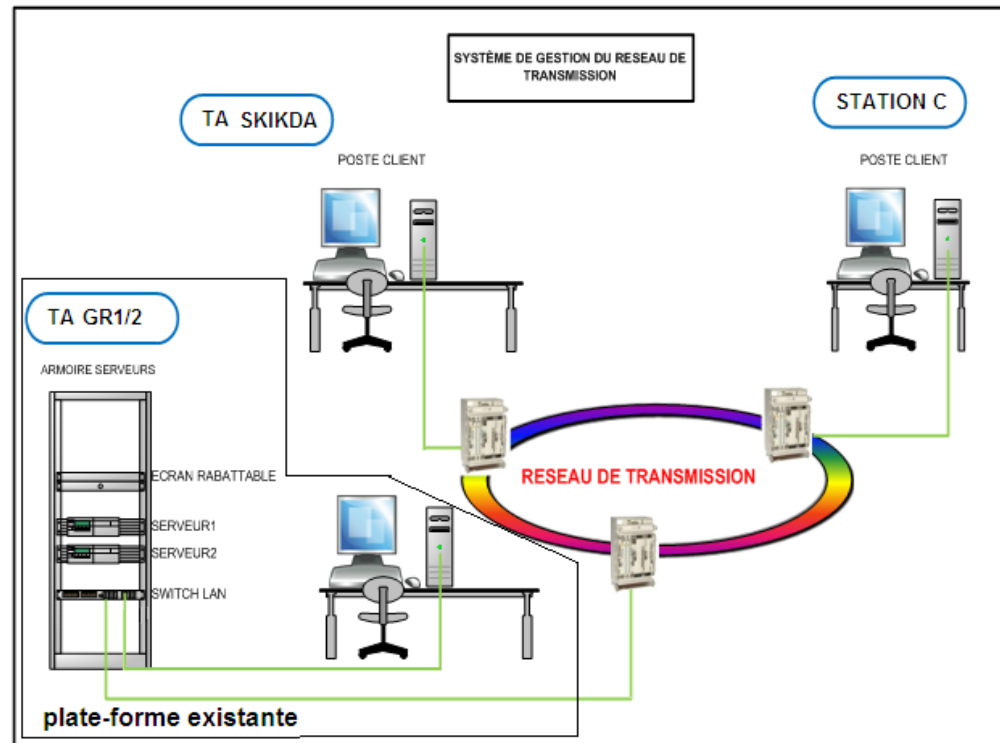
Main dimension: 56,3 x 14,6 x 8,7 m

Main Substation Module for Utility.



TELECOM SYSTEM INTEGRATION PIPELINE GK1-GK2

Completed



Client
SONATRACH TRC

Location
Hassi R'mel – Skikda, Algeria

Contract
Lump Sum – Turn Key

Award
October 2014

Duration
2 Years

Scope of work
Design, Engineering,

Procurement, Construction,
Commissioning and Start-up.

Plant Main Features
Integration of OTN (Open
Transport Network) system along
GK1/GK2 pipelines from Hassi
R'mel to Skikda (570 Km.)

Laying of fibre optical cable 24
brins

Refurbishment of 60
telecommunication station

Installation of 41 solar panels
with batteries

DP4 – FPSO INTERFACE WORKS

Completed



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.

DRILLING RIG CONVERSION TO WHP PLATFORM

Completed

Client
LOTOS PETROBALTIC

Location
Poland

Main contractor
Rosetti Marino SPA

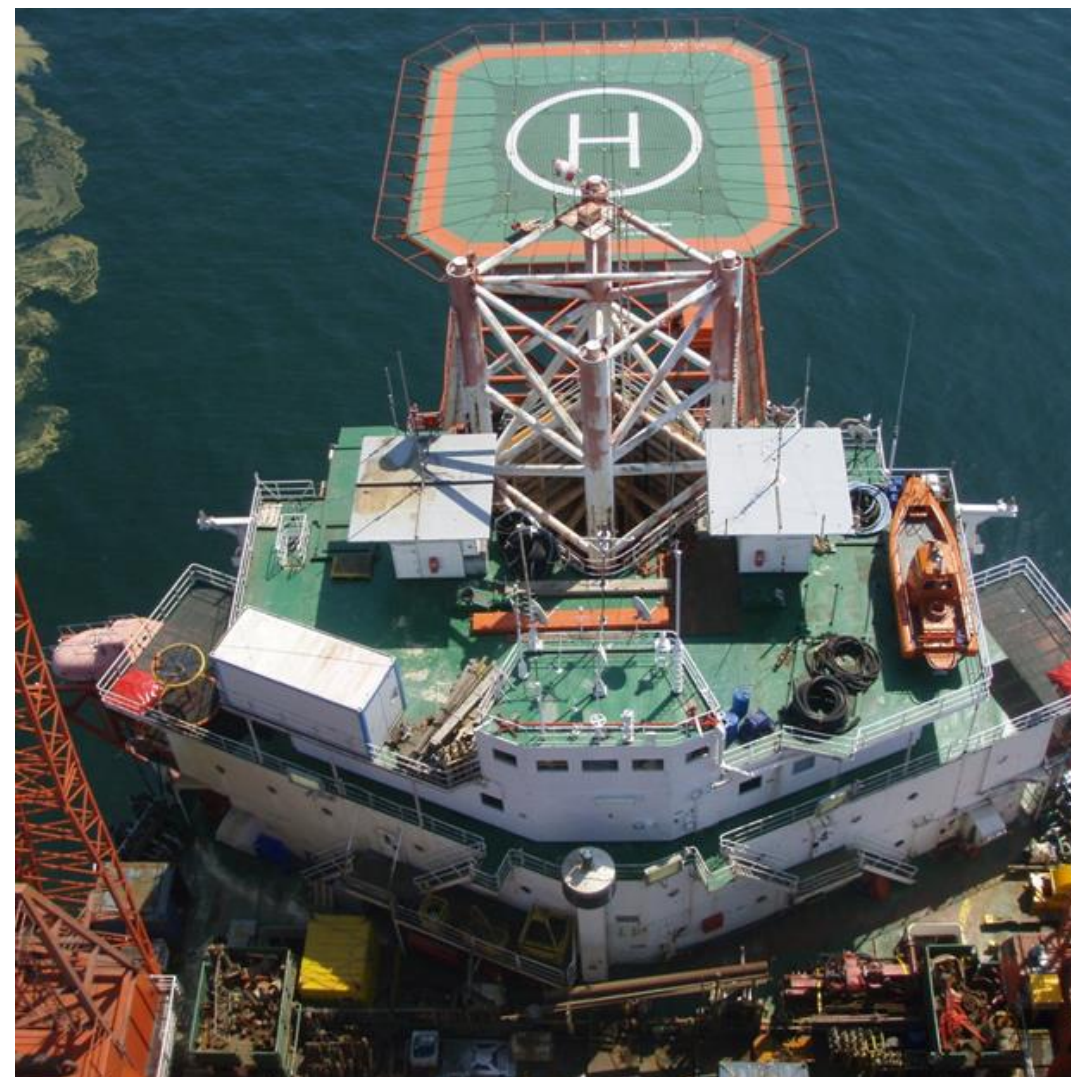
Contract
EPMS

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



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)



ASHTART REVAMPING PROJECT

Completed



Client
SEREPT

Location
Ashtart Field – Offshore Tunisia

Main contractor
Rosetti Marino SPA

Fabrication site
Sfax-Tunisia/Ashtart Field
Offshore Tunisia

Contract
Procurement and Fabrication
Contract at Unit/Time rates

Award
September 2010

Completion date
December 2013

Scope of work
Construction engineering,
procurement, fabrication,
dismantling , load-out and
offshore revamping works.

Technical Data
Prefabricated structures: 1.350
tons
Piping spools & supports: 195
tons
Electrical & instrumentation
cables: 25 km
Offshore works: approx.
1.200.000 mhrs

NEW FRACTIONATION PLANT

Completed

Client
MAIRE TECNIMONT

Owner
POLIMERI EUROPA

Location
Ravenna, Italy

Main contractor
Rosetti Marino SPA

Contract
EPC

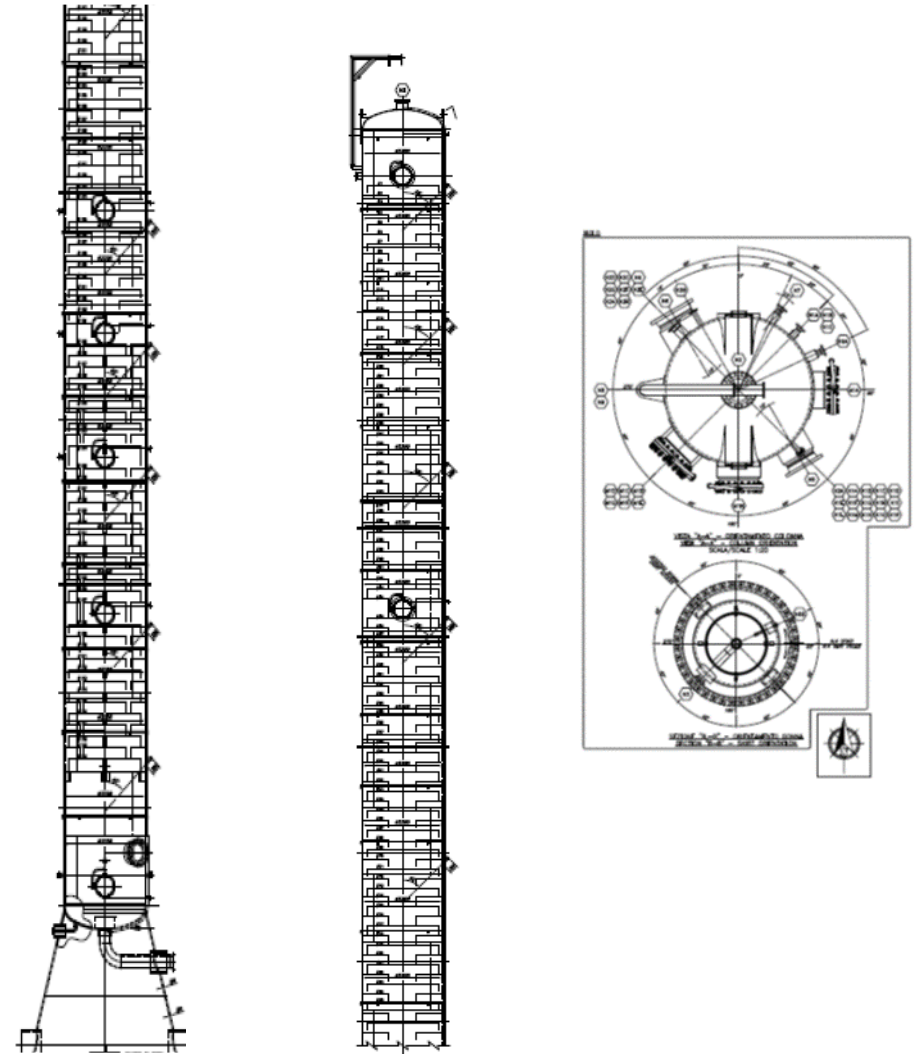
Award
May 2010

Completion at site
February 2013

Scope of work
Engineering, Procurement,
Fabrication, Transportation,
Assembly and erection
at site

Technical Data
LIGHTEST FRACTIONATION
TOWERS (C-2310)
Vessel assembly: vertical
Diameter: 2500/5.90 mm
Length: TT 80300 – Tot. 84300 mm
Shell thickness: 18 to 76 mm
Weight: 289 metric tons

HEAVIEST FRACTIONATION
TOWERS (C-2320)
Vessel Assembly: vertical
Diameter: 3300 / 6910 mm
Length: TT 81600 – Tot. 87900 mm
Shell thickness: 20 to 50 mm
Weight: 276 metric tons



HOOK UP WORKS – ISLAND D, KASHAGAN FIELD

Completed



Owner/Operator
AGIP KCO NV

Location
North Caspian Sea, Kazakhstan
Sector

Main contractor
AKER SOLUTIONS

Subcontractor
Rosetti Kazakhstan LLP

Contract
Frame agreement for hook up
Works

Award
May 2009

Completion
June 2011

Scope of work
Fabrication, Testing, Hook up and
Carry Over works

Work location
Island D (Hub 1) – Kashagan Field

TEG REGENERATION PLANT

Completed

Client
STOGIT, ENI Group

Year
2006

Location
Minerbio Gas Plant, Italy

Scope of work
Nr.3 Glycol regeneration
units
Civil works
Dismantling of the existing
DEG plant
Interconnecting pipeworks

Main contractor
Rosetti Marino SPA

Contract
EPC LSTK
+ commissioning
+ start-up assistance



STABILIZATION UNIT FOR EL GAMIL PLANT

Completed



Client
PETROBEL

Location
Egypt

Contract
EPC - Contract

Award
September 2004

Completion
April 2005

Scope of work
Process design, Engineering,
Procurement, Construction,
Assistance to commissioning and
start-up.

Plant Main Features
1.890 m³/day
Stabilized condensate: 11 psia
RVP
Fire heaters duty: 4,25 MW

Main items
nr. 1 stabilizer column
nr. 1 fire heater
nr. 1 reboiler circulation pumps
skid
nr. 1 condensate pre-heater skid
nr. 2 fuel system inter-piping
skids

HYDROGEN PRODUCTION PLANT

Completed

Location

Refinery of Milazzo

Main contractor

Rosetti Marino SPA

Contract

EPC

Award

April 2004

Completion

September 2005

Scope of work

Engineering, Procurement,
Construction, Assistance to
Commissioning and Start-up

Technical Data

PLANT MAIN FEATURES

Capacity: 100 Nm³/h

Hydrogen 99.99%

Feedstock: Multifuel (methane,
nafta)

Oxydation agent: Air/Oxygen

MAIN PLANT UNITS

Feedgas compression

(Air/Methan)

Gas desulphurization

Feed preheating

Reaction & syngascooling

CO shift conversion

Hydrogen purification (PSA)

Offsites

