



CECON

CONTRACTING

Global Offshore Marine Contractor



CECON CONTRACTING AT GLANCE



- Cecon Contracting AS is a Marine Offshore and Subsea Contractor providing Project Management, Engineering, Subsea Installations and De-commissioning for the Offshore Oil & Gas Industry, the renewables & the utilities industries.
- Cecon Contracting has a clear vision to stay “Lean and Nimble”, focusing on delivering projects at a lower cost and with an overall shorter lead time than the typical “Tier 1” Contractors.



HISTORY SO FAR



2013

A total of 180 km of pipeline installed with the modular spread



2017

Completion of the Halk El Menzel Installation project, a full field development

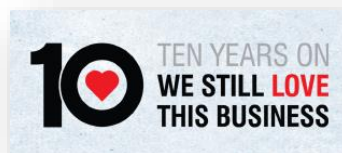
2005

First pipeline installation project executed by Cecon ASA



2015

Restructuration of the company which became Cecon Contracting



2018

Group acquisition of a part of Bibby offshore and Rever offshore which became Rever Offshore



CERTIFICATIONS



Cecon is proud to hold



ISO 9001: 2015, obtained
12th December 2007
Quality



OHSAS 18001: 2007 obtained 19th
December 2008
Health and Safety



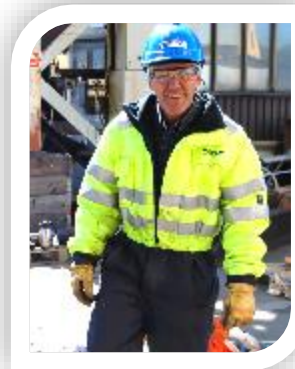
ISO 14001: 2015, obtained
22nd December 2008
Environment

Cecon is a registered supplier in



HSE PERFORMANCE

ID	Item	Abbreviation	Formula	2018	2019	2020	Total last three years
A	Exposure hours			12,800	125,215	226,924	364,939
B	Fatalities	FAT		0	0	0	0
C	No. of Permanent Disabilities	PTD		0	0	0	0
D	No. of Lost Workdays Cases	LWC		0	0	0	0
E	No. of Restricted Workday Cases	RWC		0	0	0	0
F	No. of Medical Treatment Cases	MTC		0	0	0	0
G	No. of First Aid Cases	FAC		0	0	0	0
H	No. of Lost Time Injuries	LTI	B+C+D	0	0	0	0
I	Total Recordable Cases	TRC	B+C+D+E+F	0	0	0	0
K	LTI Frequency	LTIF	$(H * 1.000.000) / A$	0	0	0	0
L	Environmental incidents			0	1	0	1
M	Near miss events			0	0	0	0



OUR OFFER

Our organization evolves with and for the project

OUR VALUE PROPOSITION

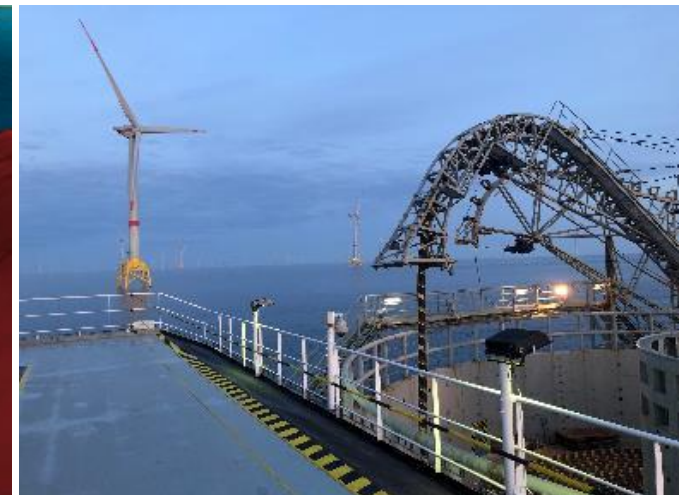
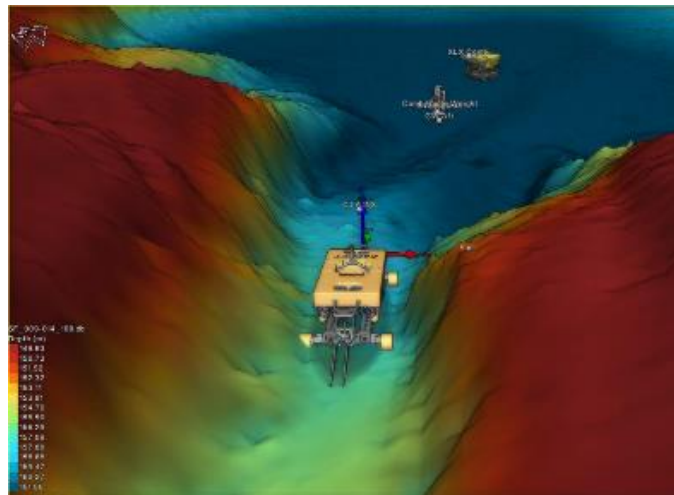


- Cecon Contracting employs a core group of highly experienced and multi-disciplined engineers. Additionally, having a network of specialist resources as contractors and partners, based on long term working relationships.
- Cecon Contracting operates only with chartered vessels, which creates a unique opportunity to utilise the market at a time with historically low rates. Each project is performed with a vessel selected specifically to suit its unique demands, delivering value and quality to our clients.



CECON'S CAPABILITIES (CONT...)

- OIL & GAS
- MARINE
- RENEWABLES
- POWER & TELECOMMUNICATION



CECON'S CAPABILITIES



SUBSEA

- Rigid pipeline installation on S-lay
- Flexible & Umbilical installation
- Power cable transport & installation
- Fibre optic & seismic cable transport & installation
- Subsea structures transport & installation
- Diverless subsea construction
- Piling activities
- Route clearance / preparation
- Crossing preparation

SURFACE

- Topside installation
- Jacket installation

MOORING

Anchor installation
Mooring line inspection and replacement
STP buoy installation

DECOMMISSIONING

Subsea cutting & recovery
Pipeline & flexible recovery
Umbilical, power cable & fiber optic cable recovery
Removal of subsea assets
FPSO disconnection & removal
Towing & transport

SEABED INTERVENTION

Trenching
Ploughing
Excavation
Dredging

PEOPLE AT CECON

International people with extensive experience

BOARD OF DIRECTORS



Riulf Rustad – Chairman

Mr. Rustad has more than 20 years experience from financial and management positions from various companies including: Alfred Berg, Optimum AS, Storebrand Investment Management, Storebrand ASA and Kistefos AS. From year 2000 own investment companies Ousdal AS, Bekkelund AS and Zoncolan ASA. Mr. Rustad holds/has held positions at Boards of numerous of listed and unlisted companies.



Svein Olsen – Non Executive Director

Mr. Olsen has more than 40 years of experience from contracting in Iran, North Sea, Nigeria, Angola, Equatorial Guinea, Mauritania, Mexico and India, mainly related to Floating Production, Storage & Offloading Systems (FPSOs). Svein Olsen positions includes CEO positions in Tentech International, Fred Olsen Production, Bergesen Offshore/BWOffshore, and Aker Floating Production, with contracting and operational management of 8 FPSOs, 3 FSOs and 1 production jack-up.



Bjørn-Ivar Carlsen – Non Executive Director

Bjørn Ivar Carlsen has nearly 30 years of experience from financial and management positions from various companies.

He has been CFO in Orkla Snacks, Brødrene Dahl AS, Norstat ASA, Secretary General in the Norwegian Skifederation and CEO in Zoncolan ASA

EXECUTION TEAM (CONT...)



Jo Braadlie – Managing Director

Mr. Braadlie has more than 18 years of experience from the oil and gas industry with a particular focus on the SURF segment. 11 years in Technip Norge AS with several technical and commercial positions, including 5 years as Project Manager for major development projects. He has also served as Business Development Director of the former Cecon ASA and Maritime Director for Buksér og Berging AS



Bjørn-Ivar Carlsen – Financial Manager

Bjørn Ivar Carlsen has nearly 30 years of experience from financial and management positions from various companies. He has been CFO in Orkla Snacks, Brødrene Dahl AS, Norstat ASA, Secretary General in the Norwegian Skifederation and CEO in Zoncolan ASA



Graham Medhurst – Operations Business Development Manager

Graham Medhurst started his oilfield career in 1989 as a Field Engineer with Schlumberger, before specializing in subsea projects and marine operations. He has gained international experience with Chevron, Technip and Aker Solutions in a variety of positions including Senior Project Manager, Offshore Manager and Operations Director.



Eric Davanture – Engineering Manager

Eric Davanture has more than 13 years' experience in the oil gas business, specialized in the subsea field conception & construction from concept study, FEED to project execution on SURF & SPS scope with Subsea 7 & Technip. He has worked onshore/offshore for numerous projects in Europe, Africa, South & North Americas and Asia.

EXECUTION TEAM (CONT...)



Chris Solheim Allen - QHSE Manager

Chris has extensive experience in QHSES and risk management from the offshore, subsea and nuclear industries. He is a former Royal Navy nuclear submarine engineer officer, and has worked for PGS, Technip & Golar LNG. Chris is also a ski-mountaineeing & sea-kayaking guide



Jens Buene – Contract Manager

Jens Buene has worked his entire career within the offshore industry. He has a background from Brown & Root as internal auditor and project administrator, which was followed by 27 years at Technip where he lead the contracts department. He has been engaged with Cecon since 2016



Simon Orr – Principal Engineer

Simon Orr is a Naval Architect with more than 15 years' broad experience in vessel design, construction, and operations worldwide. On the back of extensive shipyard experience, he has worked as onshore/offshore engineering and project manager for various SURF, pipeline, FPSO, moorings, conversion and renewables projects in South East Asia, Africa and Europe.



Anette Omre – Senior Project Engineer

Anette Omre has 8 years of experience from various SURF projects. Marine engineer with extensive offshore experience after working 2 years as a field engineer on board a Subsea 7 vessel. Experienced in planning fast track projects for major companies in the North Sea oil and gas business.

KEY ASSETS

We operate a trusted fleet of subsea support vessels and advanced remote operating vehicles

INSTALLATION VESSELS

- Cecon Contracting utilizes a variety of specialized fit-for-purpose vessels in combination with in-house installation spreads for its projects



Polar King



Topaz Installer



Connector



BOA Deep C



BOA Sub C



Far Sapphire

FABRICATION & STORAGE YARD

Warehouse, workshop, outdoor storage area, quay for mobilisation



FABRICATION - RIGID PIPELINE

- Typical set-up example of module containerized fabrication facility for triple jointing
- Onshore fabrication to reduce number of offshore welds, and thereby vessel time



INSTALLATION EQUIPMENT

- Lay tensioner 36 ton hold back / Belt traction type
- Stingers (2 off) Suitable for pipes up to 12"
- Reel drive system Load up to 400 te, reel diameter 6-13 m.
- FO tank 500t payload seafastening, 315t payload in lifting mode
- Lay tower for FO cable
- Buoyancy module Catcher
- Reel 86 (300t payload)
- Chutes, Rigging containers
- Mattress handling frames
- Hydraulic cutters (cable, umbilical, wire)
- ...

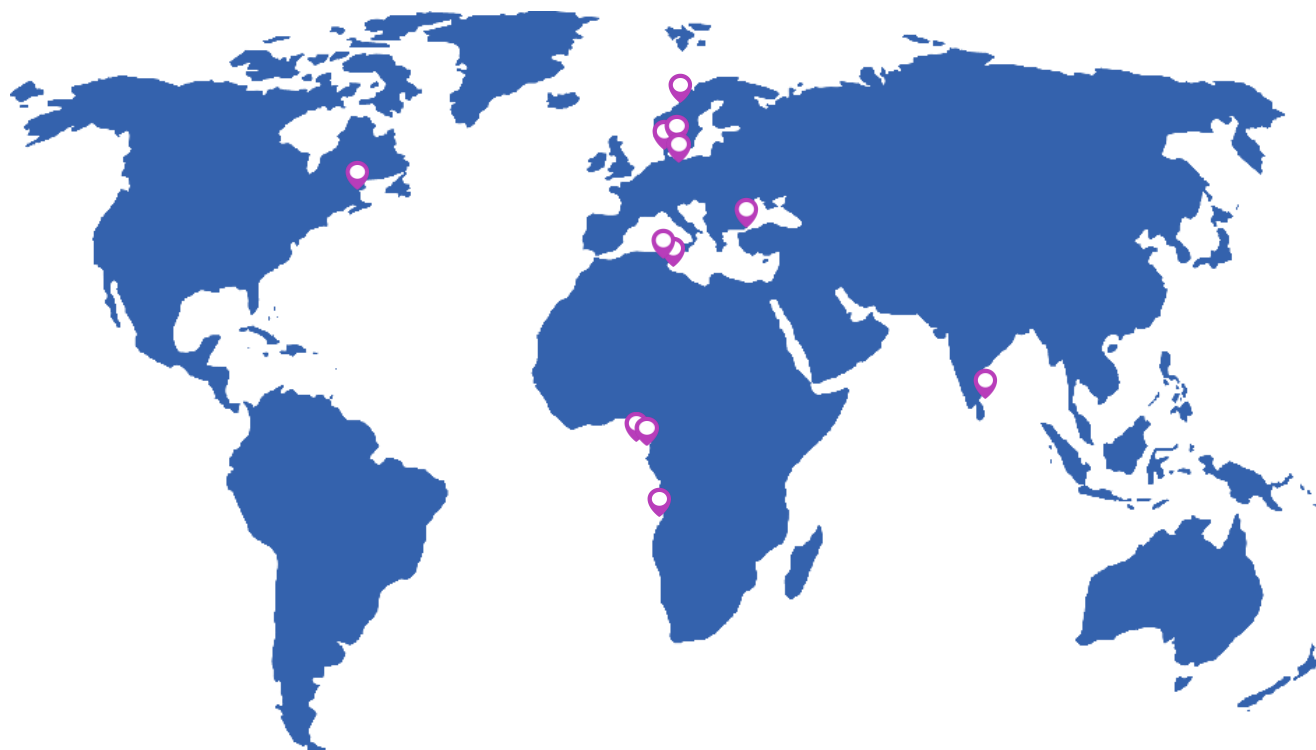


TRACK RECORD

Numerous completed projects at different locations over the years

PAST PROJECTS

- Track record of 25 subsea and offshore projects successfully completed in the North Sea, West Africa, Bay of Bengal and the Mediterranean



CECON
CONTRACTING

 **Sonangol**

 **سيرپت**
serept

GDF SUEZ

 **skagenfiber**



 **ADDAX**
PETROLEUM

Prysmian
Group

 **PRYSMIAN**
 **Draka**
 **General Cable**

equinor 



FIRST E&P
FIRST EXPLORATION & PETROLEUM
DEVELOPMENT COMPANY LIMITED

Deep
Flex

 **Aker**
Contracting FP

PROJECT STUDY CASES

- Telecommunication FO cable / Skagenfiber
- Decommissioning / Dhirubhai-1
- Anchor installation & hook-up / FPSO Joseph Abigail
- Full field developement / Halk El Menzel
- Pipeline installation / Pacassa
- Flexible installation / Kristin Export

SKAGENFIBER WEST FIBRE OPTIC CABLE

SKAGENFIBER INSTALLATION FO SUBMARINE CABLE

Client: Skagenfiber

Offshore Norway & Denmark

Scope of work:

- Project Management and Engineering
- Installation of 171km of FO submarine cable
- Burial of 171km of FO submarine cable
- Design and prepare crossing

Offshore phase Q3 2020

Water depth ~630 m

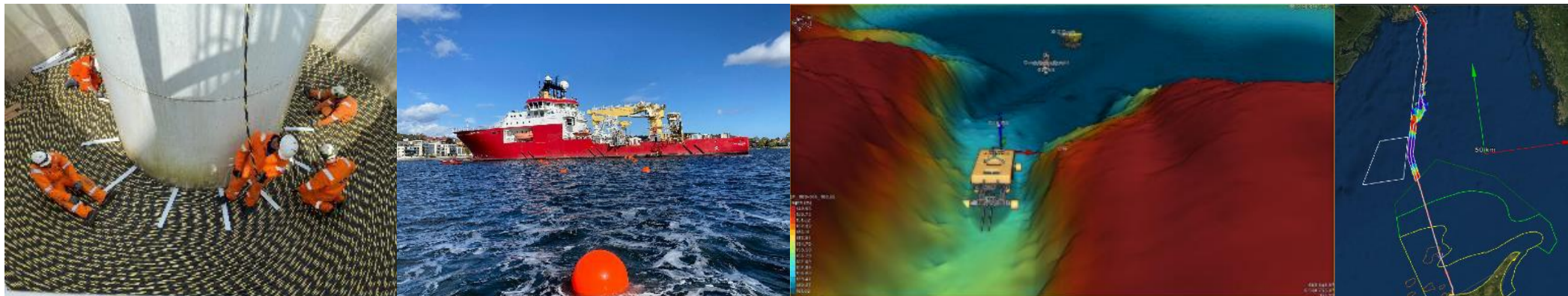
Polar King

Activities:

- Design and fabrication of purpose built lay tower
- Loading of the FO cable into basket
- Mobilisation in Eydehavn
- Initiation in Hirtshals
- Simultaneous laying & trenching
- Pull-in in Larvik

Main challenges were

- Simultaneous laying and trenching
- Navigation in a dense marine traffic area
- Tight & narrow lay corridor



LAY SPREAD & TRENCHING SPREAD



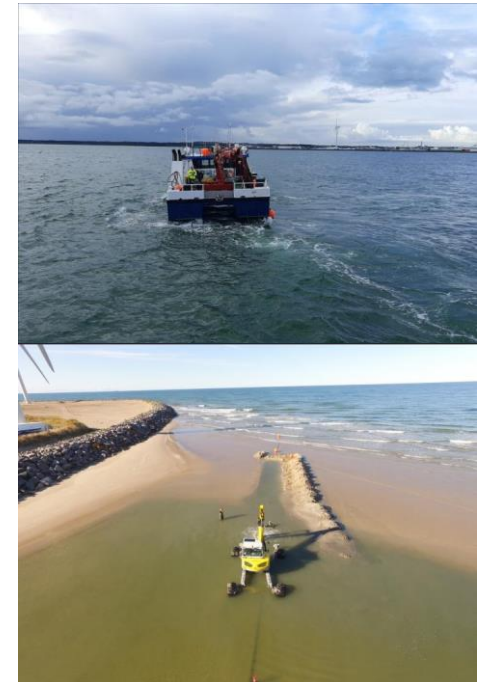
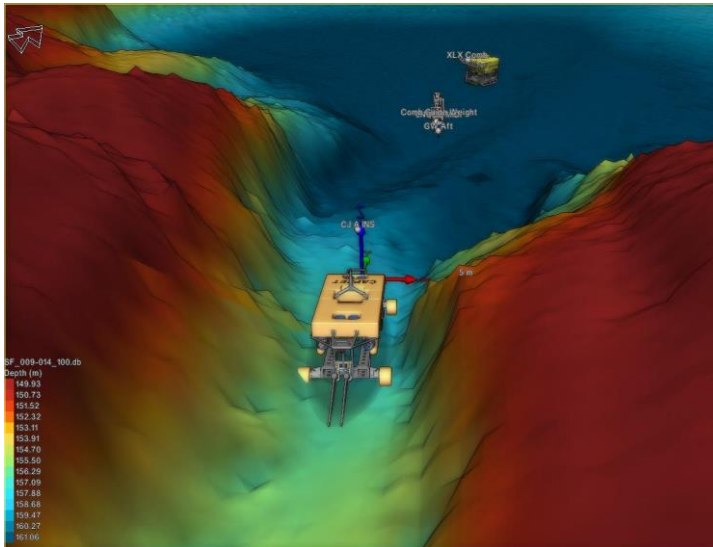
IN OPERATION

Pull-in operation

- 1600 m pull in distance
- 2100 m of cable with floats in water

Laying

- Online 3D subsea monitoring



FPSO DHIRUBHAI-1 DECOMMISSIONING

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Client: Aker Contracting FP ASA

Offshore Kakinada, India

Scope of work:

- Project management and engineering
- Design & follow up of the fabrication of the buoy catcher
- Cleaning for access, removal of debris and fishing net
- Subsea disconnection and recovery of nearly 3000 riser buoyancy module half shells from the flexibles and dynamic umbilical
- Decommissioning of 4off Production, 4off gas export & 1off gas injection risers
- Decommissioning of 1off Dynamic Umbilical
- Disconnection & recovery of 9x mooring lines
- STP buoy ballasting
- STP handling and preparation for towing

Offshore phase Q4 2019 – Q1 2020

Water depth ~1200 m

Boa Deep C



FPSO DHIRUBHAI-1 DECOMMISSIONING



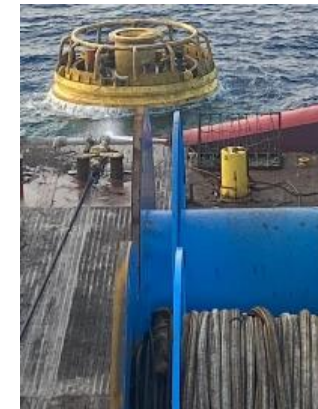
Main challenges

Onshore

- Design of a concept for buoy catcher
- Design of subsea clamp & cap for risers & umbilical

Offshore

- Strong current near surface for ROV operation and lifting through the splash zone
- ROV operations amongst debris/fishing nets



FPSO JOSEPH ABIGAIL MOORING

Two projects into One

FPSO JOSEPH ABIGAIL MOORING

Client: Yinson – First E&P

Offshore Nigeria

Scope of work 1

- Project Management and Engineering
- Installation pre-tension of 16x anchor and mooring lines

Scope of work 2

- Project Management and Engineering
- Hook-up of 16x mooring lines

Offshore phase Q2 2020

Water depth ~ 50m

Anchor Handler: Far Sapphire

Activities:

- Establish anchor target boxes and pretensions catenaries
- Mobilise vessel with crew, loadout anchors & chains in Las Palmas
- Installation in Nigeria then demobilisation in Las Palmas

Main challenges were

- Mobilize crew under COVID restrictions
- Vessel selection & formalities in Nigeria



HALK EL MENZEL FIELD DEVELOPMENT PROJECT

A full field project development

HALK EL MENZEL FIELD DEVELOPMENT



Client: Topic Energy / Sarost, Tunisia

Project Management, Engineering, Transport & Installation
Structures

- Installation and piling of ~400 ton WHP Jacket
- Installation of 80 ton wellhead platform topside

FPSO Mooring System

- Mooring spread installation, 6 off 25 ton offshore anchors
- Installation of 215 ton CALM buoy

Risers & Flowlines

- Transport and installation 1400 m 6" ID Flexible flowline
- Installation of 47 ton pipeline end manifold
- Riser installation between PLEM and CALM buoy

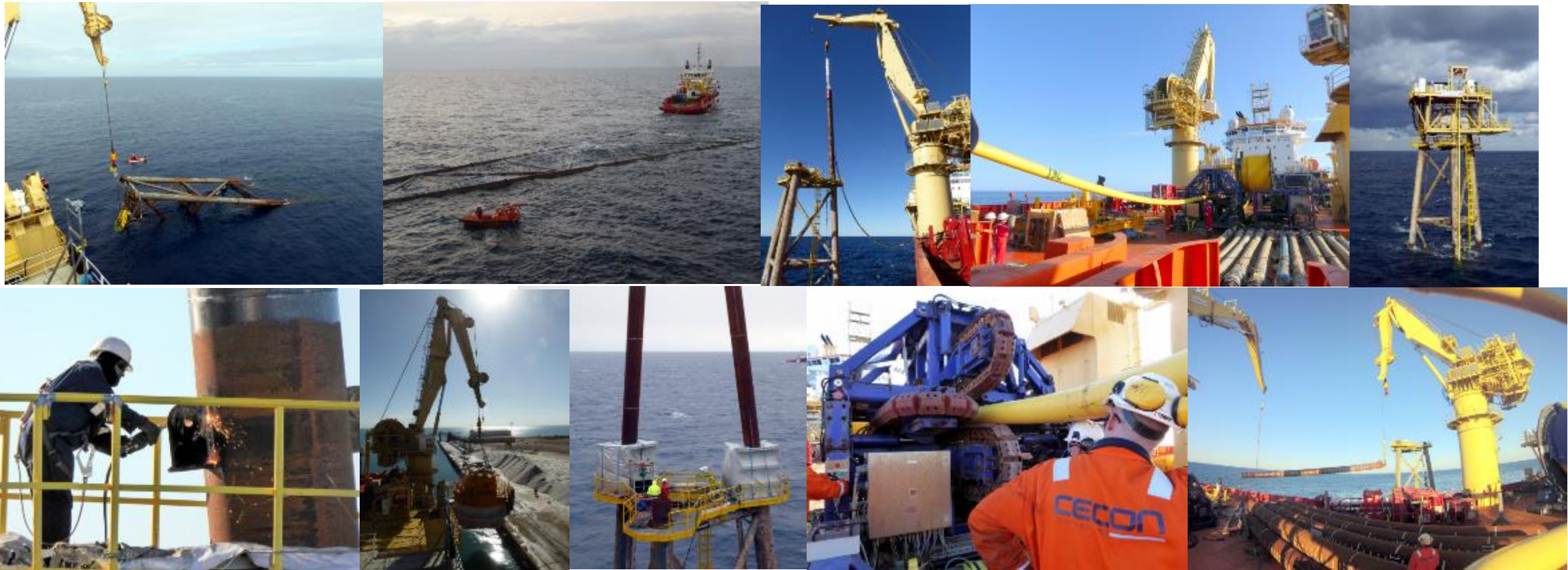
Offshore phase Q4 2017

Water depth ~ 50-70m

Normand Clipper



Halk El Menzel Field Development



PACASSA

PACASSA INFILL DRILLING PROJECT – ANGOLA



Client: Sonangol

Offshore Angola

Project management and EPCI

PAC F1 to PAC F4 Pipeline Project, Block 3/05

- Rigid Pipeline procurement
- Onshore fabrication of triple-joints
- Offshore installation of 8 km of 10" rigid pipeline

Executed 9 months after contract award

Water depth 100m

Offshore phase 2009



KRISTIN EXPORT PROJECT

KRISTIN EXPORT PROJECT

Client: Statoil ASA (Equinor)

Offshore Norway

Project management, engineering, transport & installation

Installation and recovery of an 8" temporary loading system hose

- Connected to Kristin Semi to shuttle tanker Navion Britannia
- Length 550 m
- Water depth: ~370 m
- Repeat order for similar scope the following year

Fast track project

- Executed within 2 months from contract award

Offshore phase 2007 -2008

Water depth ~ 50-70m

M/V HAVILA mars



IN FEW WORDS

- Cecon is a Contractor for green field and brown field developpement
- Cecon can manage Work packages or full EPCI contract
- Whatever which requires a vessel and a ROV, you have

Cecon Contracting





THANK YOU

Cecon Contracting AS

Nedre Vollgate 1,
0158 Oslo,
Norway

Business manager

Graham Medhurst
gm@cecon.no
+47 948 43 924