



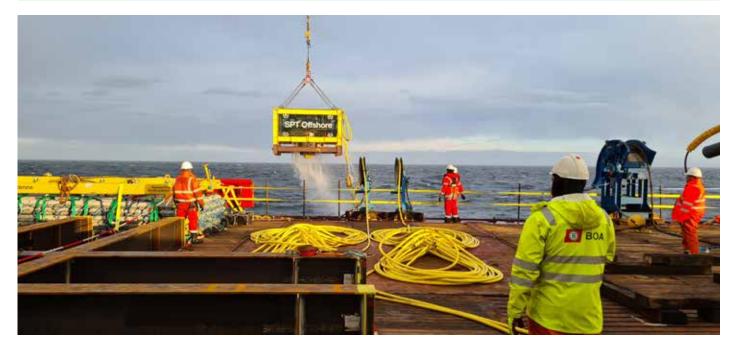
SPT Offshore has vast experience in suction pile design, supply, recovery and offshore installations. Since the founding of SPT in 1997 we successfully installed more than 1000 suction piles, in various soils, ranging from dense sands to stiff clays, as well as silts and layered soils.

Having more than 25 years of experience in suction piles, we are the leading EPCI contractor for suction pile anchors and foundations. We manage and undertake EPCI projects worldwide, from installing single suction anchors up to complete self installing platforms.



Huntington Suction Piles Removal

Client	Boskalis
Year completed	2022
Location	Huntington field - North Sea
Waterdepth	90 m
Soil conditions	stiff clay
Project properties	#5x suction piles
Scope of work	Suction removal services, using bespoke
	interface frame to allow extra flow
	capacities (1000m3)
SPT Achievements	Six weeks project preparation time





Wintershall MPP Decom Q4-B & P6-D

Client	Scaldis
Year completed	2022
Location	North Sea
Scope of work	Suction removal services
Project properties	#4x suction piles
Soil conditions	clay on sand
Water depth	21 - 30 m





CTG Changle Waihai OWF Area A

Client Year completed	Fujian Yongfu Power Engineering Co 2021
Location	Taiwan strait – Offshore China
Waterdepth	31-45 m
Soil conditions	Clay
Project properties	• #15 jackets of each 8 - 10 MW WTG
Scope of work	Concept design suction pile jacket,
SPT Achievements	detailed design of suction piles, suction installation analysis and suction installation services Jacket suction installations varied between 2-4 hrs and verticality of all jackets well below 0.1 degrees



Fuÿang Energy Changle Waihai OWF Area C

Client Year completed	Fujian Yongfu Power Engineering Co 2021
Location	Taiwan strait – Offshore China
Waterdepth	31-45 m
Soil conditions	Clay
Project properties	• #57 jackets of each 8 - 10 MW WTG
Scope of work	Concept design suction pile jacket,
	detailed design of suction piles, suction
	installation analysis and suction
	installation services
SPT Achievements	Jacket suction installations varied between 2-4 hrs and verticality of all jackets well below 0.1 degrees



CTG YangXi Shaba OWF

Client	Guangzhou Salvage
Year completed	2020
Location	South China Sea
Scope of work	 Installation Engineering
	 Review and verification of suction pile detailed design
	 Supply of SAPS-007 suction equipment
	 Offshore preparation and suction installation services of
	3 Suction Pile Jackets
Project properties	 #3x suction piles of ech 8 MW WTG
Soil conditions	very soft clays overlaying dense to very dense sand
Water depth	28 m
SPT achievements	 suction Installation of SPJ 3.0 to 4.5 hours
	 verticality within 0.03 deg

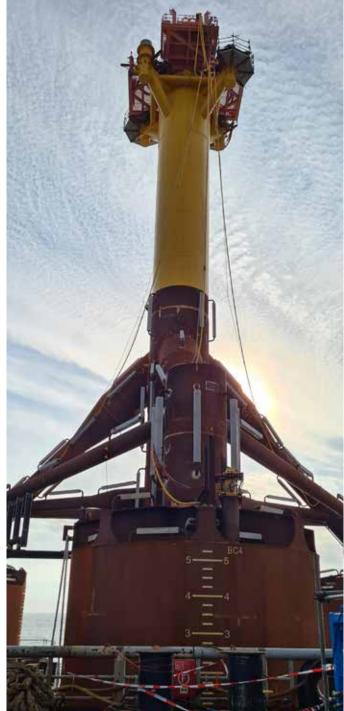




IOG Blythe and Southwark

Client	HSM/Seaway
Year completed	2021
Location	North Sea UK
Waterdepth	30 m
Soil conditions	Southwark: sand Blythe: sand on clay
Scope of work	 Design and supply of #7 suction piles foundations for two platforms
	 Suction installation services
Project properties	 Blythe: #3 suction piles, Southwark: #4suction piles
SPT Achievements	Innovative scour protection system designed and supplied of first
	commercial system within 1 year after order.





COOEC Startup Pile Lingshui

Client	Allseas
Year completed	2020
Location	South China Sea, Lingshui offshore field
Waterdepth	1560 m
Soil conditions	Clay
Project properties	#1 x suction pile
Scope of work	Installation verification, supply of suction start-up pile and suction
	equipment and provision of suction services
SPT Achievements	Pile was successfully installed and retrieved multiple times with
	the SPT deepwater suction pump SAPS-003 operated by a
	working class ROV



Petrofac East Cendor

Client Year completed Location Scope of work	Muhibbah Engineering Bhd 2020 Offshore Malaysia, Block East Cendor • Basic and detailed design suction pile foundation • T&l engineering • Transportation of jacket and boat-landing • Offshore installation of jacket and boat-landing
Project properties Soil conditions Water depth SPT achievements	 #2 x suction piles Firm to stiff clay 64 m Jacket verticality within 0.1 degrees Offshore pump installation (mitigation to COVID-restrictions) Successful installation of jacket and boat-landing



Vestigo Ophir Relocation/Jitang

Client Year completed	Redtech Offshore 2019
Location	Jitang field, Malaysia
Scope of work	Design and engineering for removal, transport and installation
	 Removal of WHP at Ophir location
	 Transit from Ophir to Jitang location
	 Installation of wellhead platform (WHP) at Jitang location
Project properties	• #3 suction piles
Soil conditions	Very soft to stiff clay
Water depth	74 m
SPT achievements	 One-piece relocation of WHP completed in only 3 days Platform installed within tolerances (0.03 degrees vertical) Delivery within 4 months





Suction Pile Cluster

Client Year completed Location	Chinese contractor 2019 China
Scope of work	Design, supply and installation of suction pile cluster pile, design and supply of project specific pump equipment, offshore suction services
Project properties Soil conditions Water depth SPT achievements	 #2 x cluster pile foundations Soft clay 1200 m Design and delivery of 2 cluster suction piles in 4 months Succesful suction installation operation





Ørsted Changhua Offshore Pile Test

Client Year completed Location Scope of work	Per Aarsleff 2019 Offshore Taiwan Design and engineering, supply of project specific pump equipment, offshore suction services
Project properties	Installation and removal of Pile Guide Frame with suction piles (2 locations)
Soil conditions Water depth	Sandy soils laminated with silt/clay 40 m
SPT achievements	 Delivery of surface controlled pump system
	 Average of only 5 hours per installation or removal
	 Verticality control using via suction pumps



CNOOC Mooring Piles Liu Hua

Client Year completed Location	COOEC (China Offshore Oil Engineering Co.) 2019 (LOT1), 2019 (LOT2), 2020 (LOT3) Liu Hua field, 250km southeast of Hong Kong in the South China Sea, China
Scope of work	 Project Management and Installation Engineering Review and verification of Mooring Piles Detailed Design Offshore preparation Suction installation services
Project properties	# 9x suction piles
Soil conditions	Firm olive grey silty CLAY overlaying with approx. 2m soft to very soft grey silty clay
Water depth	420 m
SPT achievements	Successfully installed all Mooring Piles within 7 days. For the individual mooring piles it took only 2.5 hours to reach the required penetration depth of 16 m





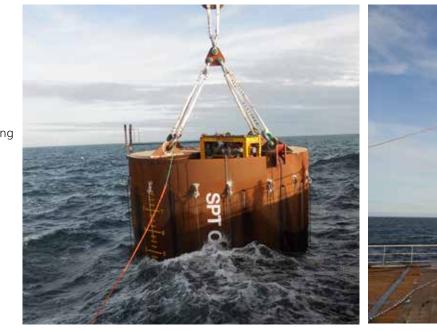
PEMEX Demar PLEM 2

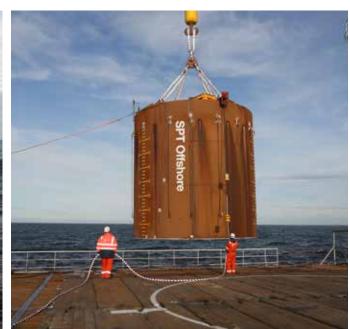
Client Year completed	GDT Offshore 2016
Location	Ayatsil field, Mexico
Scope of work	Project management
	Installation engineering
	 Suction installation services
Project properties	#4 x suction piles
Soil conditions	Sand layer overlaying a clay layer
Water depth	115 m
SPT achievements	 After hitting a coral layer below seabed level, a new location was identified PLEM relocated and the PLEM was installed in 1 hr to final penetration on the new location



SSE Seagreen Suction Pile Test Campaign

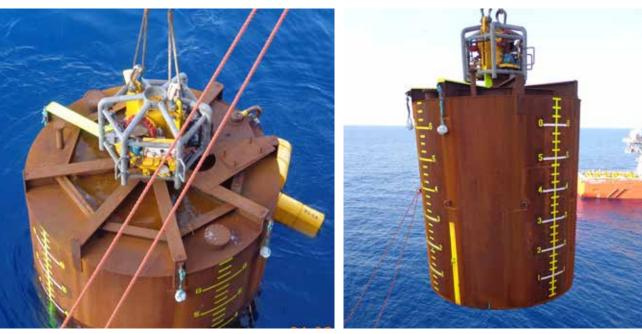
Client Year completed Location Scope of work	Seagreen Wind Energy Ltd 2019 Seagreen, UK (Scottish East coast) • Project Management • Geotechnical and Installation Engineerin • T&I scope for installation trials • Issue of Geotechnical factual and interpretative Trial Campaign As-Built reports
Project properties Soil conditions Water depth SPT achievements	#1 suction pile Silty fine sand and extremely high strength clay 40-60 m
	#29 test locations including #3 cycling tests and #2 landing on Seabed Tests within 21 days





Noble Leviathan

Client Year completed Location Scope of work	 Allseas 2019 Offshore mediterrian Project management and preparation of installation engineering document for 2 start-up piles. Provison of start-up pile and suction installation services
Project properties	• #2 • Start -up forces maximum 45 mT
Soil conditions	Soft clays
Water depth	1650 m
SPT achievements	Two sucion piles installed in January 2018 from the Allseas vessel Audacia with the SAPS-003 and removed a year later in January 2019 with the same spread again



Moheskhali Floating LNG

Client	Jumbo Offshore
Year completed	2019
Location	Bangladesh
Scope of work	• Design
	 Suction installation services
	 Detailed design and supply adapter
	frames for suction installations
Project properties	#9 x suction pile
Soil conditions	Layered soil
Water depth	436 m
SPT achievements	 Suction installation of only 1.5 hour per pile
	 Structures successfully installed without the need for ROV interventions



Summit FSRT

Client	Geocean
Year completed	2018
Location	Offshore Bangladesh
Scope of work	Review installation documents and suction
	installation services.
Project properties	• #8 Mooring piles
	• #1 PLEM
	• #1PAD
Soil conditions	Overconsolidated clayey soils with an
	overlaying sand layer
Water depth	33 m
SPT achievements	All suction piles installed to target
	penetration within 3.5 hrs with the
	SAPS-007 suction spread



Dogger Bank Met Mast Removal

Client Year completed Location Scope of work	 Ardent Global 2017 UK Sector North Sea Dogger Bank Engineering and subsea services for removal of two mono bucket met masts. Detailed design and supply of mono bucket Interface frame
Project properties Soil conditions Water depth SPT achievements	• #2x mono buckets Sand (East) and clay (West) 25 m



Vattenfall Aberdeen OWF (European Offshore Wind Deployment Centre)

Client Year completed Location Scope of work	 Boskalis 2018 UK North Sea Detailed design of #4 different suction pile jacket foundations Basic design of #2 different suction pile jackets Installation of #11 suction pile jacket foundations
Project properties	#9 SPJ of eacht 8.4 MW and #2 SPJ of eacht 8.8 MW WTG.
Soil conditions	Loose to very dense sand overlaying soft to very stiff clay overlaying bedrock
Water depth	19 m to 32 m
SPT achievements	 Installation of suction pile jacket (SPJ) foundation in 55 minutes to 3 hours Average on-site installation time of 15 hours Verticality < 0.01 deg







Ophir Wellhead Platform

Client	Muhibbah Engineering Bhd
Year completed	2017
Location	Block PM-315, Malaysia
Scope of work	Basic and detailed design suction pile foundation
	Basic design of jacket
	• T&l engineering
	Transportation of jacket and topsides
	 Offshore installation of jacket and topsides
Project properties	• #3 x suction piles
Soil conditions	Very soft to stiff clay
Water depth	73 m
SPT achievements	 Complete offshore installation campaign within only 3 days
	 Jacket installation within 24 hours
	 Jacket vertically within 0.2 degrees

• Succesfull project execution within schedule and budget





Equinor Dudgeon Substation

Client Year completed Location Scope of work	SLP Sembmarine 2016 UK North Sea • Detailed design suction pile foundation • Supply of suction pile foundation • Installation of suction pile foundation
Project properties Soil conditions Water depth SPT achievements	 #4x suction piles Dense sand to stiff clay 23 m Installation of suction pile foundation in 2.5 hours Verticality of 0.01 deg



PEMEX Ayatsil PLEM

Client	Swiber
Year completed	2016
Location	Gulf of Mexico
Scope of work	Installation of the suction pile foundation
Project properties	 #4x suction piles
Soil conditions	Medium dense sand and soft clay
Water depth	110 m
SPT achievements	Suction pile foundation installation in only
	45 minutes



PEMEX Demar PLEM 2

Client	GDT Offshore
Year completed	2016
Location	Ayatsil field, Mexico
Scope of work	 Project management
	 Installation engineering
	 Suction installation services
Project properties	#4 x suction piles
Soil conditions	Sand layer overlaying a clay layer
Water depth	115 m
SPT achievements	 After hitting a coral layer below seabed level, a new location was identified PLEM relocated and the PLEM was installed in 1 hr to final penetration on the new location



Vattenfall Aberdeen OWF Suction Bucket Test

Client	Boskalis	
Year completed	2016	
Location	Uk North Sea	
Scope of work	 Suction installation and retrieval tests on several locations 	
	Design and fabrication a Full Scale Suction	
	Bucket similar to the intendend WTG	
	foundations	
	 Analyze results 	
Project properties	• #2 x suction pile	
Soil conditions	Sand and clay	
Water depth	21 - 35 m	
SPT achievements	 Modification of DNV correlation factors for in-situ soil conditions 	
	 Confirm applicability of mitigating measures 	-



PEMEX Bridge Support Structure

Client Year completed Location Scope of work Project properties Soil conditions Water depth SPT achievements	Nuvoil 2016 Sonda de Campeche, Gulf of Mexico Installation suction pile foundation • #3 x suction piles Soft clay and medium dense sand 43 m • Installation of suction pile foundation in 2 hours • Verticality of 0.01 deg
	, 5



Allseas Pioneering Spirit Test Frame

Client	Allseas
Year completed	2016
Location	K13, Dutch North Sea
Scope of work	Detailed design suction pile foundation
	 Supply suction pile foundation
	 Installation suction pile foundation
Project properties	 #4 x suction piles
Soil conditions	Dense to very dense sand
Water depth	27 m



Shell Malikai

Client	Technip
Year completed	2015
Location	Sabah, Malaysia
Scope of work	• Detailed design and supply of suction pile interface and hatches
	 Installation of 14 no. turning bollard suction piles
	 Installation of 2 no. pipeline restraint suction piles
Project properties	 #14x turning bollard suction piles
	 #2 x pipeline restraint suction piles
Soil conditions	Soft clay
Water depth	500 m
SPT achievements	Average complete suction pile installation of only five hours per pile



BP Foinhaven

Client	Subsea7
Year completed	2015
Location	UK North Sea
Scope of work	 Installation and removal services.
	 Rental of suction pile
Project properties	#1 x suction pile
Soil conditions	Very soft to firm clay
Water depth	500 m



Support Suction Piles for PGN Repair

Client Year completed	DCN 2015
Location	Indonesia, offshore Jakarta
Scope of work	 Management and installation engineering.
	Detailed design of four suction pile
	foundations
	 Suction installation services
Project properties	 #5 x suction piles
	(#1 x test pile and #4 foundation piles)
Soil conditions	Soft clay
Water depth	25 m
SPT achievements	 Installation of test pile for verification of soil characteristics
	 Installation and removal of piles in less
	than 15 min. each
	 Certificate of Great Achievement by PGN Indonesia
	IIIUUIIESIa



Wintershall L6-B Minimum Facility

Client Year completed	Scaldis Salvage and Marine Contractors 2014
Location	North Sea Dutch sector block L6
Scope of work	 Concept design of platform transport & installation
	 Design and engineering of the suction piles
	 Installation of suction piles
Project properties	• #3 x suction piles
Soil conditions	 Layered sandy & silty soils with clay bands
Water depth	35 m
SPT achievements	Mobilization, installation and demobilization in only three days
	 Verticality within 0.01 deg
	 First of its kind one piece transportation and installation



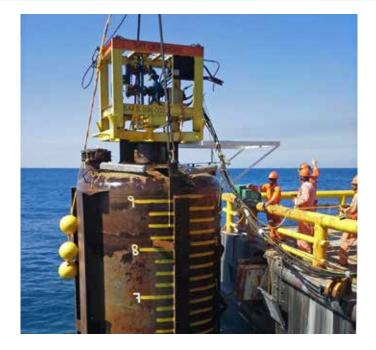
Ørsted Borkum Riffgrund Wind Turbine

Client	Ørsted
enerre	0.0000
Year completed	2014
Location	German North Sea
Scope of work	 Installation Engineering
	 Offshore installation of suction bucket jacket
Project properties	• #3 x suction piles for a SPJ of 3.6 MW WTG
Soil conditions	Dense sands
Water depth	25 m
SPT achievements	 First wind turbine jacket founded on suction piles installed worldwide Approval of German BSH Successful installation through
	pre-installed anti-scour filter layer



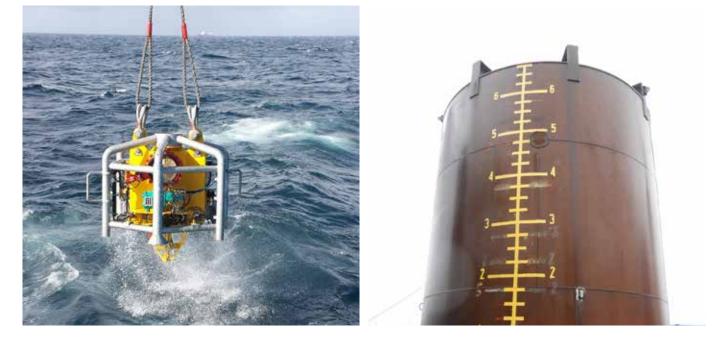
PEMEX Line 3 & 11 Ayatsil field

Client	Swiber
Year completed	2014
Location	Gulf of Mexico
Scope of work	 Installation and removal engineering.
	 Rental of start-up suction pile
	 Installation and removal services
Project properties	#1 x suction pile
Soil conditions	Very soft to soft clays
Water depth	120 m



Equinor Asgard Field Development

Client	Allseas
Year completed	2013
Location	Norwegian North Sea
Scope of work	 Installation and removal engineering
	 Suction pile design verification
	 Installation and removal services
Project properties	#1 x suction pile
Soil conditions	Silty clay
Water depth	300 m



Gaz de France Q13-A Platform

Client	S
Year completed	2
Location	Ν
Scope of work	•
	•
Project properties	•
Soil conditions	D
Water depth	2
SPT achievements	•

- Seaway Heavy Lifting 2013 North Sea, Dutch Sector • Detailed design suction pile foundation • Installation of suction pile foundation • #4 x suction piles Dense to very dense sand 20 m • Installation within 2.5 hours • Vertically within 0.65 deg
- Installed over an existing well



Global Tech 1 Transformer Substation

Client Year completed	Keppel Verolme 2013
Location	North Sea German Bight
Scope of work	 Preparation and review of platform T&I procedures
	 Geotechnical design suction piles
	 Installation engineering for installation of suction piles
	 Provision of construction crew on vessel
	 Installation of suction piles
Project properties	 #4 x suction piles
Soil conditions	Dense sands
Water depth	40 m
SPT achievements	First suction pile foundation in the German sector approved by BSH



Wintershall Multi Purpose Platforms (3x)

Client Year completed Location Scope of work	Wintershall 2013, 2001, 2000, 1997 North Sea Dutch sector P2 and P6 • Installation of the suction pile foundations for 3 MPPs
Project properties	 Relocation of 3 MPPs in 2000, 2001, 2013 #4x suction piles
Soil conditions Water depth	Sandy and occasional clayey soils 25m-30 m
SPT achievements	All three platforms relocated without port call
	 Relocation (de-installation and re- installation) of each platform in only 3 days



CLP Hong Kong Met Mast

Client Year completed Location Scope of work	COOEC 2012 Hong Kong, South China Sea • Detailed design suction pile foundation
D I I I	Installation of SIP1 suction pile foundation
Project properties	#3 x suction piles
Soil conditions	Soft clay and medium dense sand
Water depth	30 m
SPT achievements	 Verticality of the structure within
	0.12 deg
	 Installation of suction pile foundation in
	one hour



EON Huntington FPSO

Client Year completed	Sevan Marine 2012
Location	UK Central North Sea
Scope of work	 Installation engineering for loadout,
	handling and installation of suction pile mooring
	Provision of construction crew on vessel
	 Installation of suction pile
Project properties	 #12 x suction pile
	 250 m chain section
Soil conditions	Stiff clays
Water depth	90 m
SPT achievements	6 weeks project preparation time



Noble Hadera Oil Offloading Buoy

Client	Micoperi
Year completed	2012
Location	Mediterranean
Scope of work	Installation engineering for installation of suction piles
	 Installation of suction piles
Project properties	#8 x suction piles
Soil conditions	Soft to medium stiff clays
Water depth	80 m



Noble Tamar Development

Client Year completed	Allseas Marine Contractors 2011
Location	Mediterranean
Scope of work	 Suction pile installation engineering
	 Rental of suction piles
	 Installation and removal of suction piles
Project properties	 #2 x rental suction piles
	 Suction pile weight 25 t each
Soil conditions	Soft clays
Water depth	1,700 m
SPT achievements	One of the deepest suction piles installed by SPT Offshore
	 Quick installation in critical vessel time



Athena FPSO

Client Year completed	Bibby Offshore 2011
Location	UK Central North Sea
Scope of work	 Suction pile installation engineering
	 Suction pile installation services
Project properties	 #9 x suction pile
Soil conditions	Sandy and clayey soils
Water depth	140 m



Ithaca Energy Jacky

Client	HSM Offshore
Year completed	2009
Location	UK North Sea, Beatrice area
Scope of work	• Detailed design suction pile foundation
	 Supply of suction piles
	 Installation of SIP1 tripod suction pile
	foundation
Project properties	• #3 x suction piles
Soil conditions	Sand with cobbles
Water depth	45 m
SPT achievements	 EPCI schedule of 9 months

Jacket docked over an existing well



Shell Riser Access Tower

Client	ALE Heavylift
Year completed	2011
Location	K15 Dutch North Sea
Scope of work	• Suction pile installation engineering
	 Suction pile installations services
	ROV services
	 Positioning services
Project properties	 #4 x suction piles
Soil conditions	Sands
Water depth	30 m





Centrica F3-FA

Client Year completed Location Scope of work	Heerema Fabrication Group 2010 Dutch sector North Sea F3-FA field • Transport from Flushing to F3FA site &
Scope of work	offshore installation SIP2 self installing platform
	Detailed design suction piles
	 Supply of suction piles
	 Detailed design grillage and seafastening
	 Supply of seafastening beams
	 Supply of deck cantilever beams
	 Marine design and model testing at test basin MARIN
Project properties	• #4 x suction piles
Soil conditions	Dense to very dense sands
Water depth	41 m
SPT achievements	• Re-usable concept for short life of field of 7 years
	 18 months EPCI contract schedule
	 Offshore installation in only 52 hours
	• Concept insensitive to weather downtime and weight growth







GFI FPSO mooring

Client	EMAS
Year completed	2007-2008
Location	Gulf of Thailand
Scope of work	 Design of suction pile cluster
	 Installation of suction pile cluster
Project properties	 #1 x suction pile cluster with
	#3 x suction piles
Soil conditions	Soft to stiff clays
Water depth	30 m



ENI Rosetta

Client	Saipem
Year completed	2008
Location	Mediterranean, Egypt
Scope of work	Rental of suction pile installation spread
	for installation of foundation of manifold
	protection structure
Project properties	 #4 x triangular suction compartments
Soil conditions	Soft clays
Water depth	100 m



Chevron Frade Field Subsea Development

Client Year completed Location Scope of work	Subsea 7 2007-2008 Brazil • Detailed design of suction piles for the mooring of subsea risers • Supply of suction piles in Brazil • Installation of suction piles using ultra deepwater suction pump SAPS-003
Project properties	#22 suction piles
Soil conditions	Soft clays
Water depth	1,100 m



Berbice Bridge Pontoon Mooring

Client Year completed	Bosch Rexroth 2007
Location	Berbice River, Guyana
Scope of work	 Detailed design of Suction Embedded Anchors (SEA)
	 Suppy and supply of suction embedded anchors
	 Installation of suction embedded anchors
Project properties	#80 UHC suction embedded anchors with 100 mT capacity
Soil conditions	
	Soft to very stiff clays
Water depth	3 – 12 m





Talisman Malaysia Bunga Raya

Client	Talisman
Year completed	2006
Location	Malaysia
Scope of work	 Design of monopods and suction pile foundations
	 Marine design, transport and installation engineering
	Installation of 2 SIMs
Soil conditions	Clayey soils
Water depth	55 m
SPT achievements	 Cost efficient and low impact platform extension founded on 2 suction pile based
	monopods
	• EPCI schedule in 4 months met



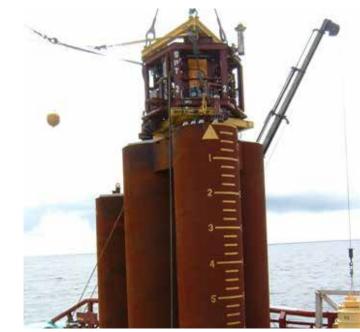
PetroCanada de Ruyter Development

Client Year completed Location Scope of work	Boskalis 2006 North Sea, Dutch sector • Installation of GBS suction skirt			
	foundation Installation of cluster suction pile 			
Drojact proportios	foundation • #4 x suction piles			
Project properties				
Soil conditions	Silty sands			
Water depth	25 m			



Amerada Hess Ceiba Subsea Development

Client Year completed Location Scope of work	Subsea7 2003-2006 Equatorial Guinea, West Africa • Detailed design of suction pile cluster foundation
	 Supply and installation of suction pile cluster foundations
Project properties	#25 x suction piles cluster of #3 x suction piles
Soil conditions Water depth SPT achievements	Soft clays 700 – 900 m Verticality of all suction pile foundations within 0.5 deg



Talisman Bunga Raya Subsea Jacket

Client Year completed Location	Talisman 2003 Offshore Malaysia
Scope of work	 Design of suction pile foundation Marine design verification Installation procedures Installation of free floating jacket suction pile foundation
Project properties Soil conditions Water depth SPT achievements	 #4 x suction pile Firm clays 53 m Application of SPT Offshore's patented technology 'buoyancy in suction piles', making a platform wet tow feasible



ConocoPhillips Calder

Client
Year completed
Location
Scope of work

- Genesis Oil & Gas Consultants 2002
 - East Irish Sea, UK • Design of suction pile foundation
 - Supply of 4 suction piles
 - Marine design and preparation of transport and installation procedures
 - Transportation and installation of complete SIP2 platform
- Project properties #4x suction piles Soil conditions Water depth
 - Loose to very dense sands 30 m + 9 m tide
- SPT achievements EPCI schedule of 9 months met • Installation of suction piles in gravel layered soil





ConocoPhillips Millom West

Client	Genesis Oil &
Year completed	2000
Location	East Irish Sea
Scope of work	 Suction pile
	Marine desi
	 Suction pile
Project properties	• #4 x suction
Soil conditions	Loose to very
Water depth	29 m

Gas Consultants a, UK e foundation design ign and T&I procedures e installation services n piles v dense sands 29 m





Chevron North Nemba Flare Jacket

Client Year completed Location	Subsea7 1999 Angola
Scope of work	 Design of suction pile foundation Supply of suction piles Suction pile installation services
Project properties Soil conditions Water depth SPT achievements	 #3 x suction pile Soft clays 120 m Jacket installation in 24 hours, including wet upending, set down and suction pile installation Verticality of the structure within 0.25 deg



Projects

Year	Client	Project	Location	Water Depth	Year	Client	Project	Location	Water Depth
2022	Allseas	Chevron anchor project	Gulf of Mexico	1400m	2016	Boskalis	AOWF suction bucket tests	Aberdeen	21m-35m
2022	Allseas	Deepwater Whale Project	Gulf of Mexico	2551m	2015	Technip	Shell Malikai	Malaysia	900m
2022	Boskalis	Huntington suction pile removal	North Sea	90m	2015	DCN	PGN Pipeline Repair	Indonesia	25m
2022	COOEC	Hong Kong Met Mast Removal	South China Sea	30m	2015	Allseas	Shell BC-10	Brazil	1700m
2022	Scaldis	Wintershall MPP Decom	North Sea	21-30m	2014	DONG Energy	Borkum Riffgrund SBJ	German North Sea	24m
2022	YongFu	Fujian Pingtan Waihai OWF	China Sea	40-42m	2014	Protexa	PEMEX Line 2 and 8	Mexican GoM	120m
2021	IOG	Blythe & Southwark WHP	UK North Sea	23-29m	2014	Swiber	PEMEX Line 3 and 11	Mexican GoM	120m
2020	CNOOC	Lufeng 12-3 FPSO Anchors	South China Sea	215-250m	2014	Protexa	Abkatun-A Pipeline	Mexican GoM	125m
2020	COOEC	Lingshui 17-2 Gas Field	South China Sea	1560m	2014	Cal Dive International	PEMEX Line 4, 7 and 9	Mexican GoM	50m-120m
2020	Fujian Energy	Changle Waihai OWF Area C	Taiwan strait	31-45m	2014	Scaldis NV	Wintershall L6-B Platform	Dutch North Sea	35m
2020	CTG	Changle Waihai OWF Area A	Taiwan strait	31-45m	2014	Mammoet	Salvage barge mooring	Persian Gulf	30m
2019	CTG	YangXi Shaba (phase I) China	South China Sea	26 - 30m	2013	Wintershall	P6S MPP relocation to Q1D	Dutch North Sea	26m
2019	CNOOC	Liuhua 11-1 FPSO mooring	South Chinese Sea	420m	2013	Seaway Heavy Lift	Gaz de France Q13-A	Dutch North Sea	20m
2019	Noble Energy	Tamar SW Pipelay starter pile	Mediterranean Sea	1700m	2013	Keppel Velrome	Global Tech Substation	German North Sea	40m
2019	Demar	Demar PLEM 2	Mexico GoM	115m	2013	Allseas	Asgard start-up suction pile	Norwegian North Sea	300m
2019	PEMEX	Swiber PLEM-2	Mexico GoM	115m	2012	Sevan Marine	EON Huntington FPSO	UK North Sea	90m
2019	Energean	Karish & Tanin Field FPSO	Mediterranean Sea	1700m	2012	Micoperi	Noble Hadera Oil Offloading	Mediterranean	80m
2019	Petrofac	Development East Cendor	Malaysia	64m	2012	COOEC	CLP met mast	Hong Kong	30m
2019	Muhhibah Offshore	Ophir relocation	From Ophir to Jitang field	74m	2011	Allseas	Noble Tamar start-up	Mediterranean	1600m
2019	Not disclosed	Suction Pile cluster	South Chinese sea	1200m	2011	ALE Heavylift	Shell Riser Access Tower	Dutch North Sea	30m
2019	Per Aarsleff	Changua offshore pile test	Offshore Taiwan	40m	2011	Bibby Offshore	Athena FPSO mooring	UK North Sea	140m
2019	COOEC	Mooring piles Liu Hua	Liu Hua field	420m	2011	McDermott	BP barge mooring for pipelay	Caspian Sea	175m
2019	Seagreen Wind Energy	Seagreen test	UK sea	40-60m	2011	Carbon Trust	Offshore Wind Accelerator SIWT	North Sea	60m
2019	Allseas	Noble Leviathan	Offshore mediterranean	1650m	2011	Bluewater	FPSO and buoy mooring	Angola	1100m
2018	Geocean	Summit FSRT	Offshore Bangladesh	33m	2010	Heerema Fabrication	Centrica F3FA (SIP2)	Dutch North Sea	40m
2018	Boskalis Offshore	Aberdeen Offshore Windfarm	UK North Sea	19-32m	2010	Global Industries	PEMEX L59 and L58 startup pile	Mexican GoM	60-80m
2018	PEMEX	Sapura L16	Mexico GoM	71m	2009	Perenco	Emeraude	Congo	60m
2017	Jumbo Offshore	Moheskhali Floating LNG	Bangladesh	36m	2009	HSM	Ithaca Jacky	UK North Sea	45m
2017	Ardent Global	Dogger Bank Met Mast	UK North Sea	25m	2008	Smit Talisman	Yme platform	Norwegian North Sea	80m
2017	Muhibbah Engineering	Ophir Wellhead Platform	Malaysia	73m	2008	Saipem	ENI Rosetta	Egypt	100m
2016	Sembmarine SLP	Statoil Dudgeon Substation	UK North Sea	23m	2008	EMAS GFI	Bualang Field Development	Gulf of Thailand	30m
2016	Allseas	Pioneering Spirit Test Frame	Dutch North Sea	30m	2008	Subsea7	Chevron Frade Field Subsea	Brazil	1100m
2016	Nuvoil	PEMEX Bridge Support	Mexican GoM	43m	2007	Bosch Rexroth	Berbice River Bridge Mooring	Guyana	12m
2016	Swiber	PEMEX PLEMs	Mexican GoM	110m	2007	Allseas	Maersk Blane Development	UK North Sea	80m
2016	Subsea7	BP Foinaven	UK North Sea	450m	2007	Oceanografia	PEMEX Sihil and AKAL start-up	Mexican GoM	40-80m

Projects

Year	Client	Project	Location	Water Depth
2006	Boskalis (Smit)	PetroCanada de Ruyter	Dutch North Sea	25m
2006	Talisman	Bunga Raya platform extension	Malaysia	55m
2006	Global Industries	PEMEX KU-D startup pile	Mexican GoM	40m
2006	Subsea7	ConocoPhillips Ekofisk	Norwegian North Sea	80m
2006	Subsea7	Amarada Hess Ceiba	Guinea	800m
2005	Doris Engineering	Total Moho Bilondo FPSO mooring	g Congo	600m
2005	Saipem	Nexen Buzzard	North Sea	140m
2005	Subsea7	BP West Infill Flowline	UK North Sea	300–600m
2004	Subsea7	Exelerate Project Energy Bridge	GoM	80m
2003	Talisman	Bunga Raya subsea jacket	Malaysia	55m
2003	Allseas	Maersk Halfdan Tyra Pipeline	Danish North Sea	50m
2002	Prosafe	Agip ABO FPSO Mooring	Nigeria	600m
2002	Genesis	Calder	UK North Sea	30m
2002	Technip	Centrica Bains	UK North Sea	20m
2002	Wintershall	P2-NE-Q4B MPP SIP2 Relocation	Dutch North Sea	30m
2001	Smit Mammoet JV	Kursk Salvage	Barents Sea	120m
2001	Wintershall	P2-SE to P6-D SIP2 Relocation	Dutch North Sea	30m
2000	Genesis Burlington	Millom West	UK North Sea	30m
1999	Subsea7	Chevron North Nemba Jacket	Angola	120m
1998	Subsea7	Chevron Alba Manifold	UK North Sea	140m





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