



<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Cable De-burial, Cut and Recovery & Post Lay Trenching <b>RS2-3 &amp; RSG-C</b>	Boskalis	East Anglia One OWF	Silty Sands / Very Dense Gravelly Sand, Stiff Clays	29m – 50m
Cable Lowering / Remedial Burial <b>RS1-2</b>	DUC	Riffgat, Dolwin 1 and 2 & Nordergrunde	Medium Dense to Very Dense Calcareous Sands	3m – 13m
Cable De-burial, Cut and Recovery & Post Lay Trenching <b>RS2-3 &amp; RSG-C</b>	Boskalis	Triton Knoll OWF	Boulder Clay	12m – 15m
Cable Post-lay Trenching <b>TRS1</b>	Jan De Nul	Prinses Amalia Wind Park	Medium Sand	20m – 25m
Berth Clearance <b>TRS2</b>	TMS / BAE Systems	Glasgow, River Clyde	Silty Sand	13m
Cable Joint Burial <b>RS1-3 Hybrid Jet Trencher</b>	Boskalis	Ostwind 2 OWF	Sandy Soil to Dense Sand	7m & 45m
Cable De-burial & Post-lay Trenching <b>TRS1LD Jet Trencher</b>	Briggs Marine	Southern North Sea	Dense Sand	3m - 15m
HDD Duct De-burial & FO Cable Trenching <b>TRS2</b>	LD Travocean	Atlantic Coast	Fine Sand & Sand Banks	5m – 12m
Cable De-burial, Cutting and Retrieval, Post Lay Trenching <b>TRS1 &amp; RSG Subsea Grab &amp; Cutter</b>	Global Marine	North Coast of UK	Soft Sand	80m - 85m
Cable De-burial & Post Lay Trenching <b>RS2</b>	N-Sea	Luchterduinen OWF	Soft Sand	20m – 25m
Umbilical & Pipeline De-burial & Post Lay Trenching <b>RS2</b>	DOF Subsea	Buchan and Hannay Field	Soft Sandy Clay	115m – 123m
Cable Post Lay Trenching <b>TRS2 &amp; Jetting Pack</b>	Boskalis	Ameland Export Cable	Loose, Fine Sand & Clay	2m – 9m
Pipeline De-burial <b>TRS1</b>	DeepOcean	IOG Blythe & Vulcan	Soft Sand	20m – 30m
Cable Trenching <b>RS2</b>	Prysmian	RTE St Nazaire	Gravel and Sand	4m – 25m
Cable De-burial & Post Lay Trenching <b>TRS2</b>	NKT	Brit-Ned Cable Repair #2	Soft Sand	40m

<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Export & Array Cable Post-Lay Trenching <b>TRS1 &amp; TRS2</b>	Jan De Nul / Hitachi / TPC	Changhua OWF / TPC Phase 2 - Taiwan	Sand, Silty Sand, Silty Clay & Clay	18m – 28m
Cable Remedial Works Including Cutting and Recovery <b>RSG Subsea Grab &amp; Cutter</b>	Jan De Nul	Dolwin Alpha, Dolwin OWF	Soft Sand	30m – 40m
Cable Remedial Works Including Cutting and Recovery <b>RS2 &amp; RSG Subsea Grab &amp; Cutter</b>	Global Marine	Offshore USA	Dense Sand	35m – 42m
Umbilical Post-lay Trenching <b>TRS1</b>	Subsea 7	West Baracouta, Australia	Medium to Coarse Grained Sand	50m
Cable De-burial & Post Lay Trenching <b>RS2 &amp; RS1LD</b>	DEME	Hornsea 1 OWF	Loose Soil & Clay	30m
Dock Wall Clearance / Silt Removal <b>RS2</b>	Global Energy Group	Nigg, The Highlands	Silty Sand	10m
Cable Recovery for Repair and Replacement <b>RSG Subsea Grab</b>	Global Marine	Offshore Denmark	N/A	30m
Cable Remedial Works Including Cutting and Recovery <b>RS2 &amp; RSG Subsea Grab &amp; Cutter</b>	Global Marine	OWF East Coast of UK	Soft Sand to Dense Sand	20m
Export & Array Cable Post-Lay Trenching <b>TRS1LD Jet Trencher &amp; TRS1</b>	Jan De Nul / Hitachi / TPC	Changhua OWF / TPC Phase 1 - Taiwan	Sand, Silty Sand, Silty Clay & Clay	18m – 28m
Template & Wellhead Excavation and Backfill. Recovery of PLET into Subsea Basket. <b>TRS2 &amp; RSG Subsea Grab</b>	Maersk Supply Service (MSS)	Perenco Thames Phase 2 Decom	Sand / Consolidated Rock Dump	40m
Sand wave Clearance & Cable Remedial Works / Retrieval <b>TRS2 &amp; RSG Subsea Grab</b>	Global Marine	OWF East Coast of UK	Sand waves	9m to 22m
Rock dump Dispersal <b>TRS2</b>	Boskalis	Wintershall F16	Rock dump	40m
Sand wave Clearance & Cable Trenching <b>TRS1</b>	Boskalis	Triton Knoll OWF	Sand waves Sand / Dense / Medium	15m – 25m
Mono Bucket De-burial <b>TRS1</b>	SMIT Salvage	Deutsche Bucht OWF, North Sea	Sand / Loose - Dense	40m

<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Flow Tests to Simulate Thrust Pressure Exerted on Dock Wall <b>TRS2-H (2020)</b>	BAM Nuttall	Liverpool Harbour	N/A	2m - 8m
Pit Clearance and Cable Joint Post-Lay Trenching <b>TRS1 &amp; TRS1LD Jet Trencher</b>	Boskalis	Borssele OWF, SNS	Medium Sand / Dense Sand / Clay	5m – 55m
Trench Cleaning / Clearing & Cable Post Lay Lowering <b>RS1</b>	ABCO Marine	IFA2 Interconnector (UK Side)	Sand / Silt	0.6m – 4.5m
Cable Retrieval to Deck for Decommissioning <b>RSG Subsea Grab</b>	Van Oord	Norther OWF	N/A	25m - 33m
Remedial Lowering of an HVDC Cable <b>TRS1LD Jet Trencher &amp; Jetting Pack</b>	Prysmian	IFA2 Interconnector (French Side)	Dense Sand to Stiff Clay	6m - 23m
Cable De-burial / Post Trenching & Route Clearance <b>RS1 &amp; RS2</b>	Next Geosolutions / Prysmian	Global Tech 1 OWF	Silty Clayey Fine Sand to Medium Dense Sand	37m - 42m
Remedial Lowering of Export / HVDC Cable <b>TRS1LD Jet Trencher &amp; Jetting Pack</b> <b>Project Management of Entire Scope - inc. Vessel Charter</b>	Orsted	Walney Extension OWF	Medium to Dense Sand	6m - 23m
Sand wave Clearance for Tracked Trencher & Cable Trenching <b>TRS2</b>	Van Oord	Norther OWF	Soft to Medium Dense Sand	25m - 33m
Flow Tests to Simulate Thrust Pressure Exerted on Dock Wall <b>TRS2-H (2019)</b>	BAM Nuttall	Liverpool Harbour	N/A	2m - 8m
Cable Post-lay Trenching & Rock Dump Dispersal <b>RS2</b>	Jan De Nul	Borkum Riffgrund OWF	Soft Sand & Soft Clay	20m – 30m
Cable De-burial, Cable Recovery & Post Lay Trenching <b>RS2 &amp; RSG</b>	NKT	50Hz - Baltic Sea	Medium to Dense Sand	15m - 20m
Cable Lowering / Remedial Work <b>TRS1</b>	Jan De Nul	Race Bank	Soft to Medium Sand	20m – 30m
Cable De-burial & Post Trenching – Project 2 <b>TRS1LD Jet Trencher</b>	Boskalis	SE Coast of UK	Medium to Dense Sand	1m – 30m
Cable De-burial & Post Trenching – Project 1 <b>TRS1</b>	Boskalis	SE Coast of UK	Medium to Dense Sand	3m – 30m

<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Riverbed Rectification / High spot Clearance & Removal <b>TRS2</b>	ULO Systems	Bangladesh	Soft / Medium Soil	3m – 8m
Cable De-burial & Post Trenching – Project 2 <b>RS2</b>	Prysmian Power Link	Western Link HVDC Irish Sea	Medium Sand	4m – 10m
Cable De-burial & Post Trenching – Project 1 <b>RS2</b>	Prysmian Power Link	Western Link HVDC Irish Sea	Medium Sand	4m – 10m
Rock Dump Dispersal <b>RS2</b>	Rever Offshore / Fairfield	Dunlin Oilfield	Rock Dump	150m
Cable Post Trenching & Cable Recovery <b>TRS1 &amp; RSG</b>	Briggs / Orsted	Race Bank OWF	Soft Sand to Dense Sand	20m
Cable De-burial & Post Trenching <b>TRS1</b>	Boskalis	SE Coast of UK	Loose to Very Dense Sand / Soil	3m – 30m
Cable De-burial & Post Trenching <b>TRS1LD Jet Trencher</b>	Boskalis	SE Coast of UK	Loose to Very Dense Sand / Soil	1m – 30m
16" Pipeline Post Trenching <b>TRS1LD Jet Trencher &amp; Jetting Pack</b>	Saipem	Safaniya Oil Field, KSA	Soft Clay & Dense Sand	7m – 10m
Umbilical & Cable Post Trenching <b>TRS1LD Jet Trencher &amp; Jetting Pack</b>	Saipem	Safaniya Oil Field, KSA	Firm Clay <250 kPa	7m – 10m
24" Pipeline Post Trenching <b>TRS1LD Jet Trencher &amp; Jetting Pack</b>	Saipem	Safaniya Oil Field, KSA	Soft Clay <250m	7m – 10m
42" Pipeline Post Trenching & Backfill <b>TRS2</b>	Saipem	Manifa Oil Field, KSA	Soft Clay & Fine Sand	10m -13m
Cable Post Trenching <b>TRS1 &amp; Jetting Pack</b>	Tideway	Hornsea1 OWF, SNS	Medium / Dense Sand / Very Hard Dense Soil	25m – 60m
42" Pipeline Post Trenching <b>TRS2</b>	Saipem	Manifa Project, KSA	Soft Clay	8m – 12m
Cable Post Trenching <b>RS1</b>	Prysmian	North Sea Link (NSL) Project / North Sea	Sand / Medium Sand	15m – 20m
Pipeline Free-span Correction & Umbilical Post Trenching <b>TRS2 &amp; RS1</b>	Subsea 7	Phong Lan Dai (PLD) Project Vietnam	Silty Sand & Coarse Sand	125m – 185m



<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Cable De-burial & Cutting / Retrieval / Rock Dump Removal <b>RS2 &amp; RSG</b>	NKT	CMS (Caithness and Moray) Project / North Sea	Very Hard Dense Soil / Clay	22m – 25m
Export Cable De-burial & Post Trenching <b>TRS1 &amp; Jetting Pack</b>	NKT	CMS (Caithness and Moray) Project / North Sea	Very Hard Dense Soil / Clay	20m
Cable De-burial & Post Trenching for IRM <b>RS1</b>	Louis Dreyfus Travocean	Offshore Dunkirk, France	Dense Sand	10m -12m
Pontoon Clearance / De-burial <b>RS1</b>	Montrose Harbour	Montrose, Scotland	Soft Silty Sand & Mud	5m – 10m
LIVE 24” Pipeline Free-span Rectification <b>TRS2</b>	M.O.G.E / Pathfinder Technical Services	Yadana Field, Myanmar, Asia	Soft Clay	10m – 12m
Export Cable Post Trenching <b>TRS1 &amp; Jetting Pack</b>	NKT	Rentel OWF Belgium Sector / SNS	Loose Sand / Firm Clay	3.5m – 30m
Cable Post Trenching @ Cable Crossing <b>RS1</b>	Prysmian Power Link	Cobra Cable HVDC Danish Sector / North Sea	Medium / Dense Sand	20m – 24m
De-Burial and Post Trenching of 2 x HVDC Cables and F/O Cable <b>RS1</b>	Prysmian Power Link	Dolwin3 OWF German Sector / North Sea	Sand	27m – 30m
Cable Joint De-burial & Post Trenching <b>RS1</b>	Prysmian Power Link / 50Hz	HDVC Link, Baltic Sea	Granular Sand	16m – 20m
Cable Joint Burial / Cable Post Trenching <b>RS1</b>	Prysmian Power Link	Borwin3 OWF German Sector / North Sea	Dense Sand	21m – 23m
Cable Post Trenching <b>RS1</b>	Prysmian Power Link	Dolwin3 OWF German Sector / North Sea	Medium Sand	25m – 35m
LIVE Cable Remedial Post Trenching <b>RS1</b>	Prysmian Power Link / 50Hz	HVDC Link Baltic Sea	Granular Sand	16m – 20m
Rock Dump Removal <b>RS1</b>	Prysmian Power Link	Western Link HVDC Irish Sea	Rock Dump	20m – 150m
Cable De-burial & Post Trenching <b>RS1</b>	Prysmian Power Link	Western Link HVDC Irish Sea	Medium Sand	20m – 150m
Harbour Pontoon Clearance	REDS / Immingham Port	Immingham, England	Soft Silty Sand	2m – 6m



<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
<b>RS1</b>				
Cable De-burial & Post Trenching <b>TRS2</b>	Global Marine	Southern North Sea (SNS)	Dense Sand	25m
Export Cable Post Trenching <b>TRS2</b>	Jan De Nul / Dong Energy	North Sea Race Bank OWF	Soft Sand	8m
Cable De-burial & Post Trenching <b>TRS1</b>	Jan De Nul / Dong Energy	Irish Sea Burbo Bank OWF	Loose Sand	11m – 16m
Cable Post Trenching <b>RS1</b>	Briggs Marine / Dong Energy	Irish Sea West of Duddon Sands OWF	Soft Soil – 20kPa	30m
De-burial & Seabed Preparation <b>TRS1</b>	RED7 Offshore / Dong Energy	North Sea Race Bank OWF	Soft Sand	21m
Cable Post Trenching <b>TRS2</b>	Jan De Nul / Dong Energy	North Sea Race Ban OWF	Soft Soil	1.5m – 8m
Export Cable Post Trenching <b>TRS1</b>	Jan De Nul / Dong Energy	Irish Sea Burbo Bank OWF	Sand & Clay	11m – 16m
Cable Ends Post Trenching <b>TRS2</b>	REDS / NSW	Germany Nordergrunde OWF	Soft Silty Sand	1.5m – 4m
Umbilical De-burial & Post Trenching <b>TRS1</b>	VBMS / Perenco	Southern North Sea (SNS) Ravenspurn	Medium Soil – 60kPa	50m
Cable De-burial - Out of Service Cables (OOS) <b>TRS1 &amp; Jetting Pack</b>	VBMS / RWE	Southern North Sea (SNS) Gallopier OWF	Stiff Clay – 180kPa	27m – 36m
Cable De-burial & Post Trenching <b>TRS1</b>	Jan De Nul / Dong Energy	Irish Sea Burbo Bank OWG	Sand & Clay	11m – 16m
Cable Post Trenching <b>RS1</b>	Briggs Marine / SSE	Isle of Jura, Inner Hebrides	Dense Sand	5m – 50m
Cable De-burial & Post Trenching <b>TRS1</b>	Hughes Sub Surface Engineering	Irish Sea, Gwynt y Môr OWF	Soft Sand	5m
Harbour Deepening & Clearance <b>RS1 &amp; RS2</b>	Montrose Harbour	Montrose, Scotland	Mud & Soft Silty Sand	10m



## CABLE TRENCHING

<u>Scope of Work – Cable Trenching</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Cable Post Trenching	Subocean	Southern North Sea (SNS)	Medium Clay & Chalk	2m - 35m
Cable Post Trenching	McDermott	Qatar	Soft Sandy Clay	65m
Cable Post Trenching	Van Oord	North Sea	Sand	2m - 5m
Cable Post Trenching	Demar / Pemex	Mexico	Firm Clay	30 - 55m
Cable Post Trenching – 200mm Dia	CNS / Vestas / Van Oord	North Sea	Soft Clay	8m – 12m
Cable Post Trenching – 6” Cable Conduit	Stolt Offshore	Scotland	Sand & Light Clay	2m – 10m
Cable Post Trenching – 35mm Dia Fibre Cable	Stolt Offshore	Scotland	Sand & Light Clay	10m - 15m
Cable Post Trenching	VSMC	Germany	Medium Clay	40m
Cable Lowering – BritNed Cable	ABB	North Sea	Medium Soft Sand	70m
Cable Post Trenching	VSMC / Dong Energy	Ireland	Cohesive Soil	4m
Cable Post Trenching	Red 7 Marine / Fluor	Southern North Sea (SNS)	Sand	30m
Pre-Sweeping approaches to Wind Turbines	Dredging International	Belgium	Rock Dump	20m



**IRM**

<u>Scope of Work - IRM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Footprint Excavation	Subsea 7	North Sea	Cohesive Soil	90m
Cable De-burial	Subocean	Southern North Sea (SNS)	Gravelly Clay & Cobbles	40m
Pipeline Trenching	Woodside Engineering	US G.O.M	Soft & Hard Soil	15m
Umbilical Trenching	ERT	US G.O.M	Soft & Very Hard Soil	60m
Pipeline Trenching	Subsea 7	Norway	Soft Soil	70m
Debris Clearance	Hallin Marine	India	Rock Dump	65m
Conductor Clearance	Tetra Technologies	US G.O.M	Soft Clay	91m
Cofferdam Excavation	Tetra Technologies	US G.O.M	Sand & Shell Fragments	33m
Seabed Preparation	Petronas	Turkmenistan	Hard Clay	61m
Drill Cuttings Clearance	CTC Marine / COOEC	China	Mixed Clay	107m
Rock Dump Clearance	Sakhalin Energy	Russia	Rock Dump	50m
Drill Cuttings Clearance	GSP	Romania	Soft Clay	95m
Toppled Platform De-burial	Chevron	US G.O.M	Soft Mud & Hard Clay - ≤140 kPa	37m
Pipeline Trenching	Epic Divers	US G.O.M	Soft Clay	84m
Pipeline Excavation – 36” Pipeline	Cal-Dive	US G.O.M	Soft Mud	18m
VK 20” Visual Inspection	Cal-Dive / Enterprise	US G.O.M	Mudslide Area	204m
Rock Dump Clearance – 8” Pipeline	Bibby Offshore / Talisman Energy	North Sea	Rock Dump	116m
Lift Boat Excavation	Bosarge / Exxon	US G.O.M	Soft Mud	15m





<u>Scope of Work - IRM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Pipeline Excavation – 12” Pipeline	Global Industries	US G.O.M	Soft Clay & Sand	120m
Pipeline Excavation	Deep Marine Technology	US G.O.M	Medium Clay	167m
Cable De-burial – 132mm Dia	Subocean	North Sea	Sand	2m – 7m
Pipeline De-burial – 10” Dia	DOF Subsea	Australia	Silt & Sand	15m
Pipeline De-burial – 10” Dia	Subsea 7 / Woodside Engineering	NW Australia	Silty Sand & Shells	150m
Pipeline Excavation – 24” Dia	Cal-Dive	US G.O.M	Soft Clay	60m
Pipeline De-burial – 10” Dia	Global Industries	US G.O.M	Firm Clay	152m
Pipeline De-burial – 6” Dia	Cal-Dive	US G.O.M	Soft Mud	67m
Pipeline De-burial – 12” Dia	Oceaneering	US G.O.M	Soft Mud	80m
Pipeline De-Burial – 6” Dia	Madcon	US G.O.M	Soft Clay	67m
Cable De-Burial & Post Trenching	Subocean / E-On	North Sea	Sand & Silt	2m - 12m
Pipeline De-burial	Bibby Offshore / Talisman	North Sea	Soft Clay	140m
Valve Cover Clearance	Chet Morrison	US G.O.M	Soft Clay	50m
Pipeline De-burial	Aceryg / BP	North Sea	Soft Clay	30m
Pipeline De-burial	Chevron	US G.O.M	Firm Clay	20m
Pipeline De-burial	Chevron	US G.O.M	Firm Clay	20m
Pipeline Trenching for Repair	BP	US G.O.M	Soft Mud	187m
Pipeline Trenching for Repair	Onyx / Enterprise	US G.O.M	Soft Mud	230m
Pipeline Trenching for Repair	BP	US G.O.M	Soft Mud	200m
Pipeline Post Trenching – 30” Dia	Chet Morrison / SNG	US G.O.M	Compacted Sand / Clay	3m

<u>Scope of Work - IRM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Post Hurricane Pipeline Repair	Oceaneering / Shell	US G.O.M	Mud	1000m
Post Hurricane Repair Work	Global Industries / Chevron	US G.O.M	Mud	10m
Pipeline Post Trenching - 44" Dia	Chet Morrison / BP	US G.O.M	Sand	3m – 6m
Post Hurricane Repair Work	Global Industries / Chevron	US G.O.M	Mud	20m – 40m
Pipeline De-burial for inspection - 32" & 24" Dia	Subsea 7 / Total	North Sea	Rock Dump Clearance	110m
Pipeline De-burial	Allseas	North Sea	Sand	15m – 25m
Seabed Preparation & Pipeline Post Trenching – 24" Dia	Stolt / Burullus	Egypt	Sand & Soft Clay	12m – 40m
Seabed Preparation for Habitat Installation	Allseas	North Sea	Sand & Soft Clay	45m
Pipeline De-burial	Global Industries / Chevron	US G.O.M	Sand	210m
Pipeline De-burial	Global Industries / Chevron	US G.O.M	Mud	40m – 60m
Pipeline De-burial	Cal-Dive / Williams	US G.O.M	Mud	290m
Pipeline De-burial	Oceaneering	US G.O.M	Mud	75m
De-burial of Mine Outfall Pipes & Area Clearance	Briggs Marine	North Sea	Silt	14m
Freespan Correction	Global Industries	Gulf of Thailand	Mud Waves	80m
Seabed Preparation for Jack-up Rig Spud Cans	IEV / Premier Oil	Bay of Bengal	Sand	100m
Seabed Preparation for Jacket installation	McDermott	East Timor Sea	Sands & Clay	85m
Seabed Preparation for Rock dumping	Balfour Beattie / Bechtel	Irish Sea	Silty Sand	10m

## Decommissioning & Salvage Work

<u>Scope of Work - DECOM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Conductor Excavation	Bisso Marine	US G.O.M	Sand	16m
Platform Excavation	Anglo-Suisse	US G.O.M	Soft Soils	64m
De-burial of a Tunnel Boring Machine	Dempsey	Australia	Sand / Soft Clay	20m
Subsea Assembly	International Offshore Services	US G.O.M	Hard Clays	17m
Platform Excavation	McMoran	US G.O.M	Soft Soils	34m
Platform Salvage	Global Industries	US G.O.M	Mud	183m
Wellhead Excavation	Chevron	US G.O.M	23kPa	30m
Backfill Removal	Chevron	US G.O.M	Medium Clay	55m
Caisson Excavation	Chevron	US G.O.M	Mixed Clay	43m
Caisson Excavation	Chevron	US G.O.M	Soft Backfill	42m
Caisson Excavation	Proserv	US G.O.M	Soft to Medium Clay	54m
Platform Excavation	Tetra Technologies	US G.O.M	Soft Clay	47m
Caisson Excavation	Energy XXI	US G.O.M	Mixed Clay	40m
Caisson Excavation	Epic Divers	US G.O.M	Soft Clay	95m
Platform Leg Excavation	Express	US G.O.M	Mixed Clay	22m
Debris Removal	Energy XXI	US G.O.M	Mixed Clay	40m



<u>Scope of Work - DECOM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Caisson Excavation	OSFI	US G.O.M	Soft Mud	62m
Debris Removal	Wild Well Control	US G.O.M	Soft Clay	50m
Jacket Excavation	Tetra Technologies	US G.O.M	Medium Clay	51m
Debris Removal	Wild Well Control	US G.O.M	Soft Clay	66m
Jacket Excavation	Apache	US G.O.M	Soft Clay	72m
Deck Salvage Excavation	Apache	US G.O.M	Soft Mud	69m
Jacket and Debris Excavation	Apache	US G.O.M	Soft Clay	61m
Caisson Excavation	Explore Enterprises	US G.O.M	Silty Sand	20m
Caisson Excavation	Tetra Technologies	US G.O.M	Soft Clay	76m
Platform Salvage	Pioneer	US G.O.M	Soft Clay	70m
Well Head Excavation	Wild Well Control	US G.O.M	Medium Clay	25m
Well Head Excavation	Wild Well Control	US G.O.M	Medium Clay	60m
Platform Recovery	Wild Well Control	US G.O.M	Medium Clay	70m
Platform Recovery	Wild Well Control	US G.O.M	Medium Clay	76m
20" Pipeline De-burial	Legacy Offshore	US G.O.M	Soft Clay	204m
Platform Recovery	Wild Well Control	US G.O.M	Medium Clay	30m
Debris basket collection and deck salvage	Wild Well Control	US G.O.M	Medium Clay	25m



<u>Scope of Work - DECOM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Two 26" Well Heads 15' BML	Wild Well Control	US G.O.M	Medium Clay	72m
Barge Salvage	Rozel	US G.O.M	Sandy / Silty Clay	3.5m
Platform Abandonment	Wild Well Control	US G.O.M	Soft Mud	27m
Heat Exchanger Burial	SWG	East Timor	Sandy / Silty Clay	80m - 100m
Trunk line Excavation	Cal-Dive	US G.O.M	Soft Mud	38m
Conductor Excavation	Wild Well Control	US G.O.M	Soft Clay	37m
Platform Salvage	Global Industries	US G.O.M	Soft Clay	70m
Platform Salvage	Global Industries	US G.O.M	Soft Clay	70m
Platform Salvage	Global Industries	US G.O.M	Soft Clay	72m
Platform Deck Salvage	Apache	US G.O.M	Soft Clay	70m
Well Intervention	Chevron	US G.O.M	Soft Clay	42m
Conductor Excavation	Wild Well Control	US G.O.M	Soft Clay	40m
Platform Salvage	Global Industries / Apache	US G.O.M	Soft Clay	72m
Mooring Wire Abandonment	TS7	New Zealand	Silt	115m
60" Caisson Excavation	Devon Energy	US G.O.M	Soft Clay	8m
Well-Head Excavation	Chevron	US G.O.M	Medium Clay	46m
Well-Head Excavation	Wild Well Control	US G.O.M	Medium Clay	40m

<u>Scope of Work - DECOM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Well-Head Excavation	Chevron	US G.O.M	Soft Clay	45m
Platform Salvage Excavation	Howard Energy	US G.O.M	Soft Clay	70m
Platform Leg Excavation	Con-Dive / ENI	US G.O.M	Soft to Medium Clay	70m
Jacket Leg Excavations	Chet Morrison	US G.O.M	Soft Clay	50m
Platform Salvage/Well Excavations	Chevron	US G.O.M	Soft to Firm Clay	40m
Conductor Excavation	Tetra Technologies	US G.O.M	Soft Mud	70m
Conductor Excavation	Tetra Technologies	US G.O.M	Soft Clay	30m
Wellhead & Jacket Leg Excavation	Newfield Exploration	US G.O.M	Soft Clay	32m
Wellhead Excavation	Newfield Exploration	US G.O.M	Firm Clay	30m
Backfilling Well Excavation	Magnum Hunter	US G.O.M	Soft Mud	50m
Wellhead Excavation	Magnum Hunter	US G.O.M	Soft Mud	50m
Wellhead Excavation	Newfield Exploration	US G.O.M	Firm Clay	30m
Wellhead Excavation	Magnum Hunter	US G.O.M	Firm Clay	45m
Jacket Leg Excavation - Decommissioning	Cal-Dive / Anadarko	US G.O.M	Mud	70m
Post Hurricane Conductor De-burial	BP	US G.O.M	Mud	40m
Jacket Leg Excavation - Decommissioning	IEV / Shell	Indonesia	Sand & Soft Clay	85m
Jack-up Rig Leg Recovery	Titan / Ensco	US G.O.M	Firm Clay	110m



<u>Scope of Work - DECOM</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Providing Access for Hydraulic Pipeline Cutter	Van Oord	Singapore	Rock & Backfill Removal	20m
De-burial of Jack-up Spud Cans	Noble Drilling	North Sea – Dutch Sector	Sand to Firm Clay	50m - 60m
Well Head De-burial	Shell	Malaysia	Sand & Light Clay	80m
Spud Can Excavation	KNOC	Vietnam	Sand	5m

## Pipeline Trenching

<u>Scope of Work – Pipeline Trenching</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Pipeline Post Trenching	Cal-Dive	Bahamas	Sand	28m
Pipeline Post Trenching	Global Ind.	Mexico	Clay	50m
Pipeline Post Trenching	Global Ind.	Mexico	Clay	50m
Pipeline Crossing Remediation	Allseas	Trinidad & Tobago	Clayey Soils	55m
Pipeline Post Trenching	Cal-Dive	US G.O.M	Soft pre-disturbed material	61m
Pipeline Trenching & Free-span Rectification	(client wished to remain anonymous)	Iran	Soft, Silty Clay	64m
Pipeline Post Trenching – 20” Dia	Global Ind.	US G.O.M	Soft Clay & Sand	76m
Pipeline Post Trenching – 16” Dia	J Ray McDermott	Persian Gulf	Soft Clay & Sand	3m - 7m
Pipeline Post Trenching	Oceanografia	Mexico	Medium Clay	50m



<u>Scope of Work – Pipeline Trenching</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Pipeline Post Trenching	OIS	Indonesia	Silty Clay	12m
Flexible Pipeline De-burial	Subsea 7	Norway	Soft Clay	12m
Pipeline Installation	Z&P	Venezuela	Soft mud/clay	150m
Seabed Levelling	Chevron	U.S. G.O.M	Soft Clay	40m
Pipeline Crossings	Oceanografia	Mexico	Firm Clay	35m
Pipeline Post Trenching - 20" & 24" Dia	Horizon / Pemex	Mexico	Firm Clay	80m
Pipeline Post Trenching - 24" & 36" Dia	Oceanografia	Mexico	Firm Clay	35m
Pipeline Post Trenching - 20" Dia	Oceanografia	Mexico	Firm Clay	40m
Pipeline Post Trenching – 12" Dia	Z&P / ConocoPhillips	Venezuela	Soft Mud	10m
Pipeline Post Trenching – 36" Dia	Oceanografia / Pemex	Mexico	Firm Clay	40m
Pipeline Post Trenching – 20" Dia	COMACOE	Middle East	Sandy Silt	5m - 21m
Pipeline Post Trenching – 16" Dia	Oceanografia	Mexico	Firm Clay	50m
Pipeline Post Trenching – 12" Dia	Chevron	US G.O.M	Soft Clay	40m
Pipeline Crossings	Global Industries	Saudi Arabia	Clayey Sand	9m - 36m
Pipeline Post Trenching – 12" Dia	Z&P / ConocoPhillips	Venezuela	Soft Mud	5m - 25m
Pipeline Post Trenching – 16" Dia	Condux / Pemex	Mexico	Firm Clay	33m
Pipeline Post Trenching – 8" Dia	Con-Dive / Prime Offshore	US G.O.M	Soft Clay	40m





<u>Scope of Work – Pipeline Trenching</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Pipeline Post Trenching – 16” Dia	Condux / Pemex	Mexico	Firm Clay	33m
Pipeline Post Trenching – 8” Dia	Con-Dive / Prime Offshore	US G.O.M	Soft Clay	40m
Sandwave Clearance & Post Trenching 20” Dia	Global Industries / British Gas	India	Soft Sand & Clay	25m - 40m
Pipeline Post Trenching – 24” Dia	Condux / Pemex	Mexico	Firm Clay	50m
Post Trenching Pipeline	Condux / Pemex	Mexico	Firm Clay	50m
Pipe Crossing Post Trenching – 12” & 36” Dia	Global Industries / Pemex	Mexico	Sand & Mud	50m
Pipeline Trenching	Prime Offshore	US G.O.M	Sand	46m
Pipeline Post Trenching – 12”, 24” & 36” Dia	Global Industries / Pemex	Mexico	Sand & Clay	66m
Pipeline Post Trenching – 8” & 10” Dia	Global Industries / Chevron	US G.O.M	Soft Mud	65m
Pipeline Post Trenching – 36” Dia	Oceanografia	Mexico	Soft Mud	80m
Pipeline Post Trenching – 12” Dia	Global Industries / Chevron	US G.O.M	Soft Mud	70m
Pipeline Trenching	Horizon	Mexico	Soft Clay	60m
Pipeline Trenching	Global Industries / Devon	U.S. G.O.M	Soft Clay	40m
Pipeline Trenching	Global Industries / Apache	U.S. G.O.M	Firm Clay	25m
Post Trenching 24” Pipelines	Horizon	Mexico	Soft Clay	80m
Post Trenching Pipeline	Condux / Pemex	Mexico	Soft Clay	45m - 65m
Post Trenching 12” Pipeline	Global Industries / ElPaso	U.S. G.O.M	Soft Clay	15m



<u>Scope of Work – Pipeline Trenching</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Pipeline Trenching	Aceryg	Trinidad	Soft Mud	75m
Post Trenching 12", 18" & 20" Pipelines	Global Industries / Pemex	Mexico	Firm Clay	40m - 55m
Pipeline Crossing Preparation	Condux / Pemex	Mexico	Firm Clay	50m
Pipeline Trenching & Crossing Preparation	Condux / Pemex	Mexico	Firm Clay	40m - 60m
Pipeline Trenching 30" Pipeline	Condux / Pemex	Mexico	Clay	45m
Post Trenching 20" Pipeline	Global Industries / Pemex	Mexico	Firm Clay	40m - 55m
Post Trenching 30" Pipeline	Condux / Pemex	Mexico	Clay	45m
Post Trenching 11" Pipeline	Global Industries / Pemex	Mexico	Clay	20m - 30m
Post Trenching 10" Pipeline	Condux / Pemex	Mexico	Clay	20m - 30m
Post Trenching 10" Pipeline	Global Industries / Pemex	Mexico	Firm Clay	50m
Post Trenching 10" Pipeline	Condux / Pemex	Mexico	Clay	20m - 30m
Post Trenching 11" Pipeline	Global Industries / Pemex	Mexico	Clay	20m - 30m
Post Trenching 10" Pipeline	Global Industries / Pemex	Mexico	Clay	50m
Post Trenching 2 x 12" Pipelines	Clough / Niko	India	Firm Clay	4m – 20m
Pipeline Post Trenching – 12" Dia	Clough / Niko	India	Firm Clay	2m - 5m
Pipeline Post Trenching – 8" Dia	Global Industries / Pemex	Mexico	Firm Clay	40m - 50m
Pipeline Post Trenching – 24" Dia	Global Industries / Pemex	Mexico	Firm Clay	40m - 50m



<u>Scope of Work – Pipeline Trenching</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Pipeline Post Trenching – 20” Dia	Saipem / Total	Indonesia	Firm Clay	5m - 10m
Numerous Pipe Crossings - 6” & 8” Dia	Global Industries / Pemex	Mexico	Firm Clay	38m - 55m
Pipeline Post Trenching – 20” & 24” Dia	Global Industries / Pemex	Mexico	Firm Clay	40m - 50m
Pipeline Trenching	Global Industries / Pemex	Mexico	Firm Clay	40m - 60m
Pipeline Post Trenching – 24” Dia	McDermott	Indonesia	Firm Clay	5m
Pipeline Post Trenching Shore Approach – 30” Dia	Global Industries	Cameroon	Sand & Clay	3m - 8m
Pipeline & Umbilical Post Trenching	Stolt Offshore	Egypt	Sand & Clay	8m - 20m
Pipeline Post Trenching – Various Sizes	Stolt Offshore	Egypt	Sand with No Cohesion	2m - 10m
Pipeline Post Trenching	Global Industries	Mexico	Clay	40m – 60m
Pipeline Post Trenching – Various Sizes	Horizon	Mexico	Sands & Clay	40m - 60m
Pipeline Post Trenching – Various Sizes	Stolt Offshore	Egypt	Sand with No Cohesion	2m - 8m
Pipeline Post Trenching – 36” Dia	GUPCO / BP	Egypt	Sands & Light Clay	5m - 65m
Backfilling of a 45km trench	Horizon	Mexico	Sand & Clay	40m – 60m



## Pipeline Tie-Ins

<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Subsea Tie-In Excavation	Con-Dive / NNG	U.S. G.O.M	Soft Mud	55m
Trench Clearing/Rock Dump Removal	Saipem	Sakhalin	Sandy Sediment	35m
Subsea Tie-In Trenching	Horizon	U.S. G.O.M	Firm Clay	30m
Subsea Tie-In/8" Pipeline De-burial	BP	U.S. G.O.M	Soft Clay	210m
Pipeline De-burial	Subsea 7 / Total	North Sea	Sand	110m
Rock Dump Removal	Jan De Nul / Saipem	Sakhalin, Russia	Large & Small Rocks	30m
Pre & Post Trenching	Jan De Nul / Saipem	Sakhalin, Russia	Sand	10m - 30m
Rock Dump Removal 300 - 400 mm	TS 7 / Woodside	W Australia	Rock Dump Removal	125m
Tie-in Excavation	Global Industries / Stone Energy	U.S. G.O.M	Soft Mud	206m
Rock Dump Removal for Pipeline De-burial	Subsea 7 / Total	North Sea	Rock dump 100mm	100m - 110m
Seabed Preparation for Tie-In Installation	Subsea 7 / Total	North Sea	Sands & Very Soft Clay	43m
Post Trenching of two Pipelines	Subsea 7 / Total	North Sea	Sand	2m - 5m



## Harbour Clearance

<u>Scope of Work</u>	<u>Client</u>	<u>Location</u>	<u>Seabed Material</u>	<u>Water Depth</u>
Harbour Clearance	Montrose Harbour	Scotland	Stiff Mud	12m
Berth Clearance	Montrose Harbour	Scotland	Mud/Silt	4m - 8m
Jetty Clearance – Multiple	Caltex	Indonesia	Silt/Mud	11m - 20m
Jetty Clearance – Decommissioning	Technip	Azerbaijan	Silt, Mud & Soft Clay	4m – 6m
Harbour Clearance	Montrose Harbour	Scotland	Silt	5m