

Oliver Twinsafe Project Reference List

End User	Contractor	Project Name	Valve Size	Location	Date
BHP Petroleum	Brown & Root	Morecambe Bay	1", 1½", 2" NB	UK	2000
Moss Gas	MW Kellog	Moss Gas Redevelopment	1", 1½", 2" NB	South Africa	2000
Occidental	Mecon	PS2/3	2" NB	Qatar	2000
PETRONAS	MSE	ANGSI	1½", 2" NB	Malaysia	2000
Shell UK Exploration & Production	Jiskoot	Brent Redevelopment	1", 1½", 2" NB	UK North Sea	2000
BP Exploration & Production	N/A	Magnus Development	1" & 1½" NB	UK North Sea	2001
Conoco Phillips	N/A	Theddlethorpe	3" NB	UK	2001
Esso Norge	ABB	Ringhorne	2" NB	Norway	2001
Esso Norge	Heerema Tonsberg	Ringhorne	2", 3", 4" NB	Norway	2001
ExxonMobil	N/A	Mobile Bay	2" & 3" NB	Gulf Of Mexico	2001
Formosa Plastics	N/A	Extension	1½" NB	Taiwan	2001
Kerr McGee	Halliburton Brown & Root	Leadon	4", 6" NB	UK North Sea	2001
Kerr McGee	Halliburton Brown & Root	Murchison	3" NB	UK North Sea	2001
Occidental	Mecon	PS2/3 Refurbishment	2" NB	Qatar	2001
QGPC	Snamprogetti	NGL-4	4" NB	Qatar	2001
Shell UK Exploration & Production	Transmark Fcx	Bacton	3" NB	UK	2001
BP Exploration & Production	Mustang Engineering	Thunder Horse	2", 3" NB	Gulf Of Mexico	2002
Cairn Energy	Brown & Root	Sangu	2" NB	Bangladesh	2002
Conoco Phillips	De Groot	CMS III	1" NB	UK North Sea	2002
Conoco Phillips	Halliburton Brown & Root	CMS III	2", 3" NB	UK North Sea	2002
Kerr McGee	Halliburton Brown & Root	Leadon	6" NB	UK North Sea	2002
Occidental	Mecon	PS2/3 Refurbishment	2" NB	Qatar	2002
Shell USA	N/A	Shell Onshore	3" NB	USA	2002
Total Fina Elf	Kvaerner	Elgin Franklin	1" NB	UK North Sea	2002
AGIP GAS	Hyundai Heavy Industries	Sabratha	2" & 3" NB	Libya	2003
BHP PETROLEUM	FCx	Woolybut	6" NB	Australia	2003
BNFL	BSL	Plant Upgrade	1" NB	UK	2003
BP Exploration & Production	Amec	Harding	2", 3", 6" NB	UK North Sea	2003
BP Exploration & Production	Wood Group Engineering	Mungo	2", 3" NB	UK North Sea	2003
CABGOC	SBM Offshore	Cabinda	2" NB	Angola	2003
CNR International	Halliburton Brown & Root	Ninian	4", 6" NB	UK North Sea	2003
Conoco Phillips	N/A	Magnolia	2" NB	Gulf Of Mexico	2003
Conoco Phillips	Halliburton Brown & Root	LOGGS	2" NB	UK North Sea	2003
Conoco Phillips	OIL & Gas Systems	Buzzard	2", 3", 6" NB	UK North Sea	2003
Esso Norge	N/A	Esso Balder	2" NB	Norway	2003
Occidental	SEMBCORP	PS1 UPGRADE	2" & 4" NB	Qatar	2003
Petrobras	SBM Offshore	Marlim SUL FPSO	1.75" & 2"	Brazil	2003
Premier Oil	Ranhill Worley	Yetagun	3" NB	Myanmar	2003
Shell UK Exploration & Production	Amec	Bonga FPSO	3" & 4" NB	Nigeria	2003
Apache Northsea Ltd	Wood Group Engineering	Forties	1½" NB	UK North Sea	2004
Apache Northsea Ltd	Wood Group Engineering	Forties Echo	1" NB, 6" CL	UK North Sea	2004
BHP Petroleum	Amec	Liverpool Bay	1", 2", 3" NB	UK	2004
BNFL	BSL	Maintenance Repair Operations	1", 2" NB	UK	2004
BP Exploration & Production	Score	BP Harding	1" NB	UK North Sea	2004
BP Exploration & Production	Score	West Sole Alpha	1.5" NB	UK North Sea	2004
British Gas	Score	Armada	1" NB	UK North Sea	2004
British Gas	Score	SNS Specs	2" NB	UK	2004
CNR International	N/A	Ninian	1", 2", 4" NB	UK North Sea	2004
Conoco Phillips	FMC Technologies	Banff	2" NB	UK North Sea	2004
Conoco Phillips	KBR	Annabel Field Development	2" NB	UK North Sea	2004
E N E P M I	N/A	Guntong E	2" NB	Malaysia	2004
EnCANA	Wood Group Engineering	Scott Platform	2" NB	UK North Sea	2004
Mobile North Sea	Amec	Beryl Field	2" NB	UK North Sea	2004
QGPC	N/A	Dukham	2" NB	Qatar	2004

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Shell E-11	N/A	Shallow Clastics Project	2" NB	Malaysia	2004
Shell UK Exploration & Production	N/A	Gabon	1½", 3", 4" NB	Gabon	2004
Shell UK Exploration & Production	KBR	NGL to SHELL METERING PACKAGE	1" & 2" NB	UK	2004
Shell UK Exploration & Production	N/A	NW Hutton DECOMMISSIONING	2" NB	UK	2004
Shell UK Exploration & Production	N/A	Shearwater Methonal Injection Shut-off valve	1½" NB	UK North Sea	2004
Statoil	Kvaerner	Kristin	1" NB	Norway	2004
Total E&P Myanmar	N/A	Yandana	2" NB	Myanmar	2004
Venture	Score (Europe) Ltd	Annabel Tie	1.5" NB	UK North Sea	2004
Apache Northsea Ltd	Wood Group Engineering	Forties	1" NB	UK North Sea	2005
BHP Petroleum	Amec	Liverpool Bay	2" NB	UK	2005
BP Exploration & Production	N/A	West Java	2", 3" NB	Indonesia	2005
BP Exploration & Production	Score	Magnac	2" NB	UK North Sea	2005
BP Exploration & Production	Score	Shahalian	1½" NB	UK North Sea	2005
BP Exploration & Production	AMEC	Clipper PR Platform	3" NB	UK North Sea	2005
British Gas	N/A	Beachfield	2", 3", 4" NB	Trinidad	2005
Cairn Energy	Brown & Root	Sangu	1½", 2" NB	Bangladesh	2005
Centrica	AMEC	Centrica Storage	3" NB	UK	2005
CNOOC Shenzhen Company	Star Trading	Indonesian pipeline	2" NB	Indonesia	2005
CNR International	PSN	Ninian North	2" NB	UK North Sea	2005
Conoco Phillips	FMC Technologies	Banff	2" NB	UK North Sea	2005
Conoco Phillips	Jiskoot	Bridge Linked Platform	1½", 2", 3" NB	UK North Sea	2005
Conoco Phillips	KBR	Viking Gas terminal	3" NB	UK	2005
IDD EL SHARGI	Qatari Industrial	PSID Platform	6" NB	Qatar	2005
N Power	OIL & Gas Systems	Metering Isolation	2" NB	UK	2005
Occidental	Qatari Industrial	Maintenance Repair Operations	2", 3", 4", 6" NB	Qatar	2005
Occidental	Qatari Industrial	5302	2" NB	Qatar	2005
Occidental	Qatari Industrial	Sandflush Valves	3" NB	Qatar	2005
Petro-Canada	Amec	De Ruyter	1", 2" NB	Dutch North Sea	2005
QGPC	United Corporation	Dukhan	2" NB	Qatar	2005
Shell UK Exploration & Production	AMEX	Bonga Topside	4" NB	Nigeria	2005
Shell UK Exploration & Production	None	Dumfuline Alpha	6" NB	UK North Sea	2005
Shell UK Exploration & Production	Shell UK Limited	St Fergus	1", 2" NB	UK	2005
Talisman Energy (UK)	SCORE	Tweedsmuir	3", 4" NB	UK North Sea	2005
Talisman Energy (UK)	N/A	Claymore	6", 8", 10", 12" NB	UK North Sea	2005
Unknown	Aker Kvaerner	HZ21-1B Gas project	2" NB	China	2005
Unknown	AMEC	Amethyst Letdown Filtration Project - RFA1448	2" NB	UK North Sea	2005
Woodside Energy	Krebs	Otway Off-shore Project	2" NB	Australia	2005
Maersk Oil	Score (Europe) Ltd	Gryphon	4" x 3" NB	UK North Sea	2006
Maersk Oil	Score (Europe) Ltd	Gryphon	8" x 6" NB	UK North Sea	2006
BHP Petroleum	Amec	Liverpool Bay	2", 3" NB	UK	2006
BP Exploration & Production	N/A	Bruce	1", 4", 6" NB	UK North Sea	2006
BP Exploration & Production	N/A	Maersk – Dumbarton	3", 4" NB	UK North Sea	2006
BP Exploration & Production	N/A	Maersk – Dumbarton	8" x 6" NB	UK North Sea	2006
Centrica	Amec	Centrica Easington	3", 4" NB	UK	2006
Conoco Phillips	SLP Engineering Ltd	Kelvin	6" NB	UK North Sea	2006
Conoco Phillips	SLP Engineering Ltd	Saturn	6" NB	UK North Sea	2006
Croydon Energy	Rolls Royce	Croydon Power Venture	6" x 4" NB	UK	2006
Croydon Energy	Rolls Royce	Croydon Power Venture	4" x 3" NB	UK	2006
Croydon Energy	Rolls Royce	Croydon Power Venture	3" x 2" NB	UK	2006
Sasol Lumex	N/A	Sasol Lumex	1", 1½", 2" NB	South Africa	2006
Shell UK Exploration & Production	N/A	Cormorant	12" NB	UK North Sea	2006
Talisman Energy (Malaysia)	Petro Vietnam PTSC	Bunga Orkid B, C & D	3" x 2" NB	Malaysia	2006
Talisman Energy (Malaysia)	Petro Vietnam PTSC	Bunga Orkid B, C & D	4" x 3" NB	Malaysia	2006
Talisman Energy (Malaysia)	Petro Vietnam PTSC	Bunga Orkid B, C & D	6" x 4" NB	Malaysia	2006

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Talisman Energy (Malaysia)	Petro Vietnam PTSC	Bunga Orkid B, C & D	8" x 6" NB	Malaysia	2006
Talisman Energy (UK)	N/A	Galley Re-development	3", 4", 6", 8" NB	UK North Sea	2006
Talisman Energy (UK)	N/A	Duart Over Tartan	8" x 6" NB	UK North Sea	2006
Talisman Energy (UK)	N/A	Galley Re-development	10" NB	UK North Sea	2006
Talisman Energy (UK)	Wood Group Engineering	Duart Over Tartan	2", 3", 6", 8", 10" NB	UK North Sea	2006
Apache Northsea Ltd	Wood Group Engineering	Foties Asset	4", 8" NB	UK North Sea	2007
BHP Petroleum	Transmark Fcx Aus	ZamZamma	2" NB	Pakistan	2007
BP Exploration & Production	Score	Andrew	1½", 2", 4" NB	UK North Sea	2007
BP Exploration & Production	Score (Europe) Ltd	Cleeton	2" NB	UK North Sea	2007
BP Exploration & Production	Score (Europe) Ltd	Amethyst	1", 1½", 2", 6", 8", NB	UK North Sea	2007
BP Exploration & Production	SBM Atlantia	Thunder Hawk	1", 2", 3", 4", 6", 8", 10" 12" NB	Gulf Of Mexico	2007
Chevron	Samsung	Takula Gas Processing Platform	1", 2", 3", 4", 6" NB	Angola	2007
CNR International	PSN	South North	4" NB	UK North Sea	2007
CNR International	PSN	Ninian North	4" NB	UK North Sea	2007
Conoco Phillips	Wood Group Engineering	Brittania	2" NB	UK North Sea	2007
Dana Petroleum	Petrofac	Kittiwake	2" NB	UK North Sea	2007
Ras Gas Co	J.Ray McDermott	Ras Gas Wellheads 10 & 11	11" NB	Qatar	2007
Roc Oil	Unknown	Zaho Dong Areas Project	2" NB	China	2007
Sasol Lumex	N/A	Sasol Lumex	1", 1½", 2" NB	South Africa	2007
Chevron	Unknown	Alba Field	2" NB	UK North Sea	2007
Shell UK Exploration & Production	Transmark Fcx UK	Starling	2" NB	UK North Sea	2007
Shell USA	Mustang/Alliance Engineering	Perdido	2" NB	Gulf Of Mexico	2007
Talisman Energy (UK)	Wood Group Engineering	Duart Over Tartan	8" NB	UK North Sea	2007
Talisman Energy (UK)	N/A	Claymore	4", 6", 8" NB	UK North Sea	2007
Talisman Energy (UK)	Wood Group Engineering	Duart Over Tartan	10" NB	UK North Sea	2007
Chevron	Samsung	Takula	2" NB	Angola	2008
BP Exploration & Production	Mustang Engineering	Thunder Horse	2" NB	Gulf Of Mexico	2008
BP Exploration & Production	PSN	BP West Sole Alhpa	1" NB	UK North Sea	2008
BP Exploration & Production	Score	Aurora	1" ~ 8" NB	UK North Sea	2008
BP Exploration & Production	N/A	Aurora	3" NB	UK North Sea	2008
BP Exploration & Production	PSN	BP Miller Decommissioning	1½" NB	UK North Sea	2008
BP Exploration & Production	Score	BP Valhall	1", 1½", 2", 3", 4", 6", 8", 10" NB	Norway	2008
BP Exploration & Production	Score	BP Valhall	1½" NB	Norway	2008
CNR International	PSN	NC6086 Fuel Gas Import	2", 6", 10" NB	UK North Sea	2008
CNR International	PSN	Ninian South	1", 1½" NB	UK North Sea	2008
BP Exploration & Production	PSN	BP Andrew	4" NB	UK North Sea	2008
CNR International	PSN	Beryl Alpha	6" NB	UK North Sea	2008
CPOC	Unknown	CPOC PH1 Development	1", 2" NB	China	2008
EON	Costain	Holford Gas Storage Project	2" NB	UK	2008
EON	SLP Engineering Ltd	Babbage	2", 3", 6" NB	UK North Sea	2008
KCA Deutag	N/A	Kyle Field	8" NB	UK North Sea	2008
KCA Deutag	N/A	Maersk Curlew	2" NB	UK North Sea	2008
Khalda Petroleum Co	N/A	Khalda Petroleum Co	10" NB	Egypt	2008
Maersk Oil	J.Ray McDermott	Maersk Package 13	6" NB	UAE	2008
Maersk Oil	Transmark Fcx	Maersk Package 13	6" NB	UAE	2008
Maersk Oil	Larsen & Toubro	AL Shaheen	2", 3", 4", 10", 14" NB	Qatar	2008
Murphy Oil	N/A	Milfold Haven - Cogen	6" NB - CSL	UK	2008
Petrobras	SBM Offshore	P-57 FPSO	3", 4", 6", 8", 10", 12"	Brazil	2008
Petrobras	SBM Offshore	Petrobras FPSO Ciade de Santos	1", 2"	Brazil	2008
Petrofac	N/A	Audrey B	3", 10" NB	UK North Sea	2008
Petrofac	N/A	Kittiwake	8", 10" NB - CSL	UK North Sea	2008
RAK Petroleum	Worley Parsons	West Bukha Field Development	1", 2", 3" NB	UAE	2008
Ras Gas Co	J.Ray McDermott	Well heads 10 & 11	7 1/16" NB - CSL	UAE	2008
Shell	Krohne Oil & Gas	PC4	2", 10" NB	Malaysia	2008

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Shell / Petronas	Krohne Oil & Gas	Cili Padi	2", 12" NB	Malaysia	2008
Shell USA	Mustang/Alliance Engineering	Perdido	2" to 6" NB	Gulf Of Mexico	2008
Talisman Energy (UK)	Wood Group Engineering	Tern Sand Management	2" NB	UK North Sea	2008
Talisman Energy (UK)	Wood Group Engineering	Tartan	6", 8" NB - CSL	UK North Sea	2008
Talisman Energy (UK)	Wood Group Engineering	Scapa Gas Lift	1½", 2", 3" NB	UK North Sea	2008
Talisman Energy (UK)	Wood Group Engineering	Claymore CPP	1½", 3" NB	UK North Sea	2008
Total E&P	Natco Japan	Pazflor	2" NB	Angola	2008
TRU energy	Uhde Shedden	TRUenergy LOPS	2", 3", 4", 8", 10" NB	Australia	2008
Talisman	Score	Tartan	8" NB - CSL	UK North Sea	2008
Talisman	Score	Claymore	1½" NB	UK North Sea	2008
BP Exploration & Production	PSN	Seven Seas Development	1", 1½", 2", 3", 4", 6", 8", 10" NB	UK North Sea	2009
BP Exploration & Production	PSN	BP West Sole Alpha	8", 10" NB	UK North Sea	2009
CNR International	N/A	Olowi	2", 3", 4", 6", 10" NB - CSL	Gabon	2009
ENI	Mustang Engineering	Alaskan North Slope	10" NB	USA	2009
Petrofac	N/A	Horizon Zero	1", 4", 6" NB	UK North Sea	2009
Addax Petroleum	Procyon Oil and Gas	Tseingui Brownfield Development	2", 4", 6", 8" NB - CSL	Gabon	2010
BG Tunisia	N/A	A19	1", 2", 3", 4" NB	Tunisia	2010
BP Exploration & Production	Wood Group Engineering	Andrew Field Development	1", 1½", 2", 3", 4", 6", 10" NB - CSL	UK North Sea	2010
BP Exploration & Production	Modec/Sofec	Angola Block 31	2" NB	Angola	2010
EKB	Technip	Viking Above Ground Gas Processing Facility	2", 3", 4", 6" NB - CSL	Germany	2010
Hoang Long JOC	Clough Engineers	White Rhino	2", 8", 12" NB	Vietnam	2010
Noble Energy	SBM Offshore	Aseng FPSO	1½", 2", 3", 4", 6", 8", 10", 12" NB	Equatorial Guinea	2010
Petrobras	Quip	P-63	2", 3", 4", 6", 8", 10", 12" - CSL	Brazil	2010
Petrobras	Quip	P-55	2", 3", 4", 6", 12" - CSL	Brazil	2010
Repsol	N/A	Castor	2", 3" NB	Spain	2010
Sakhalin Energy	N/A	Sakhalin II	7 1/16" API	Russia	2010
ATP	Mustang Engineering	Cheviot	2", 3", 4", 6", 8", 10" - CSL	UK North Sea	2011
Chevron	Mustang Engineering	Jack & St Malo	2", 4", 6", 8", 10", 12" - CSL	Gulf Of Mexico	2011
Petrobras	UTC	P58 / P62	2", 4", 6", 8", 10", 12" - CSL	Brazil	2011
Ras Gas Co	Hyundai Heavy Industries	Barzan	11 1/16" API - CSL	Qatar	2011
Murphy Oil	N/A	Siakap	8", 10"	Malaysia	2012
CNOOC Shenzhen Company	Shanghai Standard Flow Equipment	Panyu 34-1	2", 3", 6"	China	2012
Chevron	N/A	Kuito FPSO	2", 8"	Angola	2012
BP Exploration & Production	N/A	Magnus Development	1", 2"	UK North Sea	2012
Fairfield Energy	Alderley Systems	Dunlin Field	4"	UK North Sea	2012
Murphy Oil	Marine Energy	Serendah Project	1", 2", 3", 6"	Malaysia	2012
Endeavour Energy	Aker Offshore	Rochelle	1", 2", 6", 10"	UK North Sea	2012
Maersk Oil	N/A	Gryphon	6" - CSL	UK North Sea	2012
Griffiths Energy	N/A	Mangara & Badila (Chad)	1", 2"	Chad	2012
ADMA OPCO	Larsen & Toubro	Umm Lulu	1", 2"	UAE	2012
ADNOC	Larsen & Toubro	NASR	1", 1½", 2", 4"	UAE	2012
Shell	Oil & Gas Systems	Leman	1", 2", 3", 4"	UK North Sea	2012
Occidental	Petrofac Qatar	ISND Offshore	1", 2", 4"	Qatar	2012
Murphy Sabah	N/A	Siakap	1½", 2", 3"	Malaysia	2012
Shell	N/A	Gumusut & Kakap	2", 4", 6"	Malaysia	2012
Enquest	Amec	Knightsbridge	1", 1½", 2", 3", 4", 6", 8", 10", 12", 14"	UK North Sea	2012
BP Exploration & Production	Wood Group PSN	Andrew	1 1/2"	UK North Sea	2012
BG Trinidad & Tobago	Fluor Daniel	Dolphin Relief and Blowdown System Upgrade	4", 3", 2", 1½"	Trinidad	2012
BP Exploration & Production	Amec	BP Clair Ridge	1", 2"	UK North Sea	2012
BG Trinidad & Tobago	McDermott	Hibiscus Brownfield Modification	2", 3", 4", 14"	Trinidad	2012
BHP Petroleum	Mustang	Macedon	2"	Australia	2012
Ithaca	Wood Group PSN	Beatrice	4" - CSL	UK North Sea	2012
ExxonMobil	Worley Parsons	Hebron	2", 3", 4", 8", 10"	Canada	2013
OSX Brazil	Techint	OSX WHP	1", 2", 6", 8", 12" - CSL	Brazil	2013

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ADMA OPCO	Larsen & Toubro	Umm Lulu	2"	UAE	2013
AYBI Energy - Iraq	N/A	AYBI	2"	Iraq	2013
Petrobras	IESA Oleo & Gas	P66, P67, P68, P69, P70 & P71	1", 2", 6", 8" - CSL	Brazil	2013
Centrica	Petrofac	Kittiwake	2"	UK North Sea	2013
ENI	SBM Offshore	Block 15/06 West Hub	2", 10"	Angola	2013
OSX Brazil	Techint	OSX WHP2	1"	Brazil	2013
Saudi Aramco	JGC	Manifa	2" 1.5"	Saudi Arabia	2013
Petronas	Larsen & Toubro	Yetagun D	2"	Myanmar	2013
Occidental	Petrofac Qatar	ISSD (Idd el-Shargi South Dome) MFPs	4" 8"	Qatar	2013
Petrobras	N/A	P-53	4", 5", 8" - CSL	Brazil	2013
Shell	N/A	Toucan	6"	Gabon	2013
Petrobras	N/A	P-43	4" - CSL	Brazil	2013
Petrobras	N/A	P-57 (Spares)	4", 6", 8", 10", 12"	Brazil	2013
Apache Northsea Ltd	Petrofac Offshore Engineering	Beryl Alpha	10", 12"	UK North Sea	2013
BP Exploration (Angola)	N/A	Block 18	2", 3"	Angola	2013
RWE Dea UK	Accelerated Production Systems	Clipper South	1½", 2", 3", 6"	UK North Sea	2013
ExxonMobil	Worley Parsons	Hebron	1½", 2", 3", 8", 10"	Canada	2014
Tullow	MODEC	T.E.N development	2", 8"	Ghana	2014
BP Exploration & Production	N/A	Na Kika	2"	Gulf Of Mexico	2014
Dana Petroleum	DPS Engineering	Western Isles Development	1", 2"	UK North Sea	2014
BP Exploration & Production	Perenco UK	Ravenspurn	2", 3"	UK North Sea	2014
Chevron	Cameron	Jack & St Malo	1½", 2", 3", 4", 6", 8", 10", 12" - CSL	Gulf Of Mexico	2014
Talisman	Aker Solutions	Flyndre & Cawdor	1", 2", 3", 4", 6"	UK North Sea	2014
Petrobras	IESA Oleo & Gas	Pre-Salt FPSO Guara	1", 2", 3" - CSL	Brazil	2014
Petrobras	Estaleiro Jurong Aracruz Ltda	P-68, P-71	1", 2", 6", 8" - CSL	Brazil	2014
Petrobras	Integra Offshore	P-67 & P-70	1", 2", 3" - CSL	Brazil	2014
Enquest	Wood Group PSN	Thistle	1½", 2", 4", 6"	UK North Sea	2014
Qatar Petroleum	N/A	Dukhan	2"	Qatar	2014
BP Exploration & Production	N/A	Clair	2", 3"	UK North Sea	2014
BP Azerbaijan	Oil & Gas Systems	South Caucasus Pipeline Expansion	1", 2"	Azerbaijan	2014
AIOC	MST LLC	Chirag Oil Project	1"	Azerbaijan	2014
Petrobras	QGI Oil & Gas	P75, P77	1", 2", 3", 4", 6", 8", 10" - CSL	Brazil	2014
Talisman Energy	Amec	Monarb Montrose	1", 3", 6"	UK North Sea	2014
Apache Northsea Ltd	Petrofac Offshore Engineering	Sage St Fergus	1", 2"	UK	2014
Total E&P	Technip	Moho Nord	2"	Rep of Congo	2014
Taqa Bratani	Score (Europe) Ltd	Taqa Bratani	10"	UK North Sea	2014
BP Exploration & Production	N/A	BP Magnus	2", 3"	UK North Sea	2014
BP Exploration & Production	N/A	BP Shah Deniz	1½", 2"	Caspian Sea	2014
Petrobras	QGI Oil and Gas Contractors Inc	P75	1", 2", 3", 4", 3.4" 6", 8", 10" - CSL	Brazil	2014
Petrobras	QGI Oil and Gas Contractors Inc	P77	1", 2", 3", 4", 3.4" 6", 8", 10" - CSL	Brazil	2014
Occidental	N/A	ISND (Idd el- Shargi North Dome)	1", 2", 3", 4", 6"	Qatar	2014
Talisman Energy	Aker Solutions	Flyndre & Cawdor	4", 6", 8", 12"	UK North Sea	2014
Total	Technip	Moho Nord	1"	Rep of Congo	2014
Dana Petroleum	DPS Engineering	Western Isles Development	2"	UK North Sea	2014
BG Trinidad & Tobago	Fluor Daniel	IFS-BGTTL Skid	1", 1.5", 2"	Trinidad	2014
Nexen Petroleum UK	Oil & Gas Systems Ltd	Ettrick Gas Import	1", 3"	UK	2014
Total / CNOOC	N/A	Egina FPSO	¾", 2", 3"	UK North Sea	2014
CNR International	N/A	Orlando	2", 6", 8"	UK North Sea	2014
Petrobras	Siemens Ltda	P75 & P77	2", 6" - CSL	Brazil	2015
Woodside Energy	Wood Group PSN	Persephone	6", 8", 12"	Australia	2015
Shell UK Exploration & Production	MRC Transmark Limited	St Fergus IED 2nd	2", 3", 6"	UK	2015
Enquest	Petrofac Facilities Management Ltd	Scolty Crathes	1.5", 2", 3", 4", 6", 10", 12", 14"	UK North Sea	2015
Petrobras	N/A	P57	12" - CSL	Brazil	2015

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Dubai Electricity & Water Authority	Dubai Petroleum	Mohammed bin Rashid al-Maktoum Solar Park (Phase I & II)	2", 4", 6"	UAE	2015
BP Exploration & Production	N/A	Angola Block FPSO	1"	Angola	2015
Occidental	N/A	OSII PHASE II	1", 2"	Qatar	2015
ADCO	Alsa Engineering & Construction	Rumaitha North CO2	2"	UAE	2015
ConocoPhillips Indonesia	N/A	Sumpal Compression	2"	Indonesia	2015
Premier Oil	John Bell Pipeline	Catcher FPSO	1.5", 2", 3" - CSL	UK	2015
Chevron	N/A	Captain	½", 2"	UK	2015
Shell UK Exploration & Production	MRC Transmark Limited	Carrack MEG Filter	2"	UK	2015
Petrobras	BJC Heavy Industries PCL	TUPI BV P66/P67	1", 2", 3", 4", 8" - CSL	Brazil	2015
Petrobras	Cosco Shipyard Ltd	TUPI BV P68/P69	2", 3", 4", 8" - CSL	Brazil	2015
Chevron	N/A	Chevron Angola LNG	1"	Angola	2015
Husky Oil China	N/A	Liwan Deepwater Development	2"	China	2015
ConocoPhillips	Jiskoot	Judy Platform	½", 1", 2"	UK	2015
Perenco UK		West Sole Alpha	1"	UK North Sea	2015
Petronas Carigali Sdn Bhd	Hyundai Heavy Industries	BNJT-K & TTJT-A	2", 3"	Malaysia	2015
ZADCO	John Crane USA	Upper Zakum 750	1", 2"	UAE	2015
ZADCO	N/A	Upper Zakum 750	2"	UAE	2015
Petronas	Hyundai Heavy Industries	Baronia	2", 3" - CSL	Malaysia	2015
Petrobras	N/A	Libra FPSO	½", 2", 3", 4"	Brazil	2015
CNPC	CNPC	Dagang Zhaodong	3"	China	2015
Centrica	N/A	Centrica ECAPS Project	6"	UK	2015
Dubai Petroleum	N/A	RA Brownfield Phase 1	2", 4", 6"	UAE	2015
OMV	N/A	Nawara	1"	Tunisia	2015
Talisman Sinopec	N/A	Talisman Monarb Montrose	1", 2", 1.5	UK North Sea	2015
Petrobras	N/A	P-57	4", 8"	Brazil	2015
CNR International	N/A	Orlando Tie-back to Ninian Central	2"	UK North Sea	2015
Dubai Petroleum	N/A	Well Hook Up	1"	UAE	2015
Inpex	Samsung	Ichthys Gas Field Development (CPF & FPSO)	2", 3", 4", 6", 8" 10", 12" - CSL	Australia	2015
BP Sullom Voe	N/A	Sullom Voe	2" - CSL	UK	2015
Repsol	N/A	Southern Fields Bunga Raya E Development	2", 6", 10", 16"	Malaysia	2015
Pertamina	N/A	Matindok	2"	Indonesia	2016
Petrobras	Modec Offshore	MV27	12"	Brazil	2016
ADNOC	Prosernat	IGD Expansion Project Ph-II Das Island	2"	UAE	2016
Medco Energy	JEC Consortium	Block A	2"	Indonesia	2016
Talisman Sinopec	Marine Energy	Bunga Pakma	4" 6" - CSL	Malaysia	2016
Maersk Oil	Rockfin Poland	Culzean	1", 2"	UK	2016
BP Exploration & Production	KGD Industrial Services	West Nile Delta	3"	Egypt	2016
Petrobras	BJC Heavy Industries PCL	P68 - P69	1" 2" 3" 4" 8" - CSL	Brazil	2016
Dubai Petroleum	N/A	RC Gas Export	8"	UAE	2016
Uniper UK	N/A	Fuel Gas Project	10"	UK	2017
Dubai Petroleum	N/A	RC Gas Export	2" 4" 6" 8" 10" 12" 16"	UAE	2017
Petrobras	Estaleiro Jurong Aracruz Ltda	P68 & P71	1.5" 2" 4" 6" - CSL	Brazil	2017
BP Exploration & Production	Amec Foster Wheeler	BP MEOR Project	2" 4"	UK	2017
Noble Energy	Mustang Engineering	Leviathan	2" 3" 4" 6" - CSL	USA	2017
Total E&P UK	J.Murphy & Sons	East Of Shetlands Pipeline System Tie-In To SIRGE Project	2"	UK	2017
Gazprom Neft	China Petroleum Pipeline Bureau	Badra Oil Field	2"	Iraq	2017
PT Medco E&P Malaka	JGC	Medco Block A	2"	Indonesia	2017
BP Exploration & Production	Amec Foster Wheeler	Cruden Bay Booster Station	1"	UK	2017
Marathon Oil	Alderley Systems	Brae Alpha	4"	UK North Sea	2017
Statoil	Mustang Engineering	Peregrino Phase II	2" - CSL	Brazil	2017
Dubai Petroleum	N/A	G&H Train Fuel Gas	2" 4"	UAE	2017
Saudi Aramco	McDermott	Safaniya 5 Project	2"	Saudi Arabia	2017
ExxonMobil	Worley Parsons	Point Thomson	2"	USA	2017
Dubai Petroleum	N/A	SWF/Falah/Fateh Fuel Gas Heater Project	1" 2" 3" 4"	UAE	2017

Oliver Twinsafe Project Reference List

End User	Contractor	Project Name	Valve Size	Location	Date
Qatar Petroleum	Chinese Offshore Oil Engineering Co Ltd	NFA Project	2"	Qatar	2017
Dubai Petroleum	N/A	Gas Export Phase 2	8" 10"	UAE	2017
Repsol Sinopec Resources UK Ltd	N/A	Flyndre & Cawdor	8"	UK North Sea	2017
BP Exploration & Production	Wood Group PSN	BP Mad Dog Phase 2	8"	USA	2017
Anadarko	N/A	Peregrino Phase II	2" 3" 4" 6" - CSL	USA	2017
Apache Northsea Ltd	N/A	Forties Delta	6"	UK North Sea	2017
CNR International	Aker Solutions	Tiffany Fuel Gas	3"	UK North Sea	2017
Maersk Oil	N/A	Gryphon	1.5" 6" - CSL	UK North Sea	2017
Repsol Malaysia	N/A	Regen HX Project	10" - CSL	Malaysia	2017
Dubai Petroleum	N/A	Rashid D	2" 4"	UAE	2017
Apache Northsea Ltd	N/A	Forties Alpha	2"	UK North Sea	2017
Chevron	N/A	Big Foot	6"	USA	2017
	Score	Buzzard	4" - CSL		2018
Serica Energy	N/A	Columbus Gas Field	6" & 8"	UK	2018
Bumi Armada	Chrysaor E&P Services	Armada Platform	4" & 6"	Malaysia	2018
ADNOC	NPCC	Bu Haseer	4"	UAE	2018
Chrysaor	N/A	Hawkins	6"	UK	2018
Maersk Oil	McDermott	Tyra	2", 3", 6", 10", 12" - CSL	Denmark	2018
ExxonMobil	PAI Gulf	West Qurna 1	2"	Iraq	2018
Chevron	N/A	Agbami	2"	Nigeria	2019
	Wood Group	Aoko Mizu Gas	6" & 8" - CSL		2019
Chevron	Cakasa	Okan Debottlenecking Diversion	2", 3", 4", 6"	Nigeria	2019
Dubai Petroleum	Dubai Petroleum	Rashid & Aqam ESP	2" & 3"	UAE	2019
Qatar Gas	McDermott Middle East	North Field Production Sustainability (NFPS)	7" & 11" API	Qatar	2019
Saudi Aramco	McDermotts	Marjan	1" & 2"	UAE	2020
Petrobras	Aragon AS / Yinson	Marlim 2 FPSO Anna Nery	2", 3", 4", 6"	Brazil	2020
Modec	Modec	MV18	6", 8"	Brazil	2020
ADNOC	NPCC	NASR Full Field Development	1", 2"	UAE	2020
Modec	Emerson Singapore	MV33	10"	Brazil	2020
ONGC	Lewa Singapore	Kakinada CI Package	3"	India	2020
ExxonMobil	West Qurna Ph1	Fjords Processing Middle East	2"	Iraq	2021
Petrobras	Modec	Mero 2, 3 and FPSO	2"	Brazil	2021
Woodside Petroleum	Modec	Sangomar Field Development	2"	Senegal	2021