

## Past, Ongoing and Future Projects

### FABRICATION

Date	Contractor Operator	Project Country	Description
2016	Shell for N/A	<b>Shell Scoter Fabrication</b> UK (Evanton)	Serimax to produce: 2 x mainline automated welds & 2 x manual tie-in welds -  2 GTAW/GSFCAW & 2 no pGMAW welds: 12" x 323.9 diameter x 23.8 wt (ISO 3183)
2016	AMEC Foster Wheeler for Talisman Sinopec Energy	<b>MAR Project-Montrose</b> UK (Evanton)	Fabrication of spools & Offshore tie-in welding - 1) 10" x 18.3mm, UNS S32750, PD-8010 -> 2 onshore & 1 offshore welds 2) 8" x 25.4 mm, UNS S32750, PD-8010 -> 4 onshore & 1 offshore welds 3) 6" x 11.1 mm, API 5L X65, PD-8010 -> 2 onshore & 1 offshore welds 4) 4" x SCH160, UNS S32750, PD-8010 -> 2 onshore welds 5) 4" x SCH120, API 5L X65, PD-8010 -> 3 onshore & 2 offshore welds 6) 3" x SCH XXS, API 5L X65, PD-8010 -> 2 onshore & 2 offshore welds
2016	Technip for	<b>PLP Reliability</b> UK	3 off CRA girth welds; NDE 100% X-Ray, 100% manual UT & 100% MPI  2 off CS girth welds; NDE 100% X-Ray, 100% manual UT & 100% MPI  4 off CRA fillet welds; NDE 100% DPI  4 off Threaded Connector Vent Port closure using Cone Nose Plug and welding: NDE: 100% DPI  2 off Connector Assembly Insertion
2016	Technip for N/A	<b>Technip Deep Energy</b> UK (Evanton)	Modification work on deep Energy Piggyback Aligner (weld in box sections with interface plates, weld in stiffener plates, remove and alter access platform, replace existing slider pads, install bellmouth assembly - plate material S355, slider pads Nylacast)
2016	Shell for N/A	<b>Shell Diverter Valves</b> UK (Evanton)	2 No. Diverter valve spool fabrications for Gannet Alpha Platform - 4 no welds: API-5LX-X60, OD 130.2mm, WT 14.3mm.
2016	Technip for N/A	<b>Technip Pull Head</b> UK (Evanton)	Deep Energy Piggyback Aligner Modifications - Pull Head fabrication  Fabricate padeyes & modify 114.3 OD x 13.49 wt free issue pipe
2015	TON for	<b>Asgard P101 Spool Fabricati</b> UK	Fabrication of 1 No 25 Cr Subsea Spool
2015	Subsea 7 for Shell	<b>BC10 Ph. 3 Jumpers</b> Brazil	Construction of 17 jumpers composed (WPS qualification, welder qualification, provision of construction manpower, hydrotesting, NDT, load out management...) Dia. 5.94" - 6.625" - 8.625" API 5L X60, X65 SMLS and F6NM Sweet / Sour service

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2015	Technip for SSPC	<b>Malikai DJ</b> Malaysia	Double Jointing of SCR scope - SCR - CS : 70 welds 8" (19.1 mm) 70 welds 10" (22.2 mm)  SCR - CRA : 7 welds 8" (16.1 + 3 mm) 17 welds 10" (19.2 + 3 mm)
2015	Subsea 7 for Tullow	<b>TEN Ranville PIP</b> France	E&N: 2,420 welds PIP 8.625" (11", X65) - PIP TNAG: 446 welds 6.625" (8.9", X65) - PIP
2015	Sapura Acergy for Total	<b>Badamyar Project</b> Malaysia	Fabrication of spool kits in Pasir Gudang workshop for Badamyar project (Myanmar) - WP4 & LCP Expansion spools, 16", DNV SMLS 360 L, 14.3 & 17.5 mm WT : - 2-off Spools - 10-off Kits - 20-off Pre-metrology welds
2014	Technip for Statoil	<b>Gulfacks SOR IOR Spools</b> Norway	Fabrication of 10 spools : 5 spools 8" (20.6 mm, 25% Cr) 3 spools 6" (19.1 mm, 25% Cr) 2 spools 8" (22.2 mm, 450 DNV) Approx 179 welds
2014	GE Oil & Gas for N/A	<b>Lianzi Hubs</b> Norway	Fabrication: 17 Spools, Fab weld, NDE, Hydrotest and package for shipping 6" & 2" Carbon X65 - 25% Chrome
2014	Swagelining for N/A	<b>LinerBridge</b> UK (Glasgow)	Welding support for completion of temperature trials and welding of test strings for LinerBridge PQT - 10 x 12" (17.5 mm, X65 SMLS) MUT NDT
2014	AGC for Allseas / Chevron	<b>Wheatstone</b> Australia	Inspection of Subsea Structure with Internal camera, laser profiling and welding engineering support: PLET (x4) ILT (x2) PLET (x8) PLET (x3)
2013	Technip for Statoil	<b>Åsgard Compression Spool F</b> Norway	Fabrication of 15 spools pieces at Kristiansund: - 1 no. 18" (19 mm, 25% Cr) - 9 no. 16" (17 mm, 25% Cr) - 2 no. 12" (14 mm, 25% Cr) - 3 no. 10" (12 mm, 25% Cr)
2013	Technip for Williams	<b>Williams Tubular Bells</b> USA (Houston)	Welding of 60 buckle arrestors to the end of a cut 40" joint in order to make 60 full 40" joints with buckle arrestors on the ends - 60 welds 12.75" (17.48 mm, X65)
2013	Technip for BP	<b>Mad Dog Phase 2</b> USA	Welding 12 test strings with clad lining for fatigue testing program - 10 welds 12.75" (37 mm, X65) 30 welds 12.75" (37 mm, X65) - Clad line CRA Filet welds (36) Nose Plug welds (36)
2013	Cameron for BP	<b>Ring-O Vlves - Thunderhorns</b> USA (Houston)	Welding of 16 pup pieces to 8 x ring-O valve transition stubs: 16 welds - 8.2" x 38.1 mm (Inconel 625 cladding)
2013	Technip for Hess	<b>Tubular Bells</b> USA (Houston)	Fabrication & Fatigue strings: 8.625" OD, 1.250" WT, 9 welds, X65, 2G, SCR 8.625" OD, 1.450" WT, 9 welds, X65, 2G, SCR
2012	Technip for -	<b>Umbilical Deflector</b> UK (Evanton)	Fabrication, NDE, blast/prime and load test 1No. Umbilical Deflector

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2012	Technip for Shell	<b>BC-10</b> USA (Mobile)	Transportation Cradles for Flex Joint Riser Hand Off Assemblies: completion of 1 x welding procedure structural tubular and welding of 3 x transportation frames for 3 x flex joints
2012	Petrobras for (TBA)	<b>Cascade &amp; Chinook</b> USA (Fourchon, LA)	1 x 9.625" (32.53 mm, X70) CSLM flowline jumper 15 x 7.375" (58.57 mm, X70) well jumpers
2012	Marathon for BP	<b>Marathon Aivheim Project</b> UK (Evanton)	Preparation of samples of each of the 4 different weld methods used on the Aivheim Field: 12" x 20.6 mm sml 415 I SFPD - 4off 12" coupons to be then cut into six segments
2012	FMC for BP	<b>BP Shah Deniz Defect</b> UK (Evanton)	Test blocks with artificial defects:  10 number 379mm OD x 62.5 mm F65 with 625 Cladding seeded defect test pieces  4 number 379mm OD x 62.5 mm F22 with 25% Cr Cladding seeded defect test pieces
2012	SASB for CNOCC	<b>LH4</b> Malaysia	Pig launcher / Receiver and abandonment head fabrication: 1 x 18" Abandonment and Recovery head (A&R) 1 x pig launcher 1 x pig receiver
2012	Technip for Shell	<b>BC-10</b> USA (Mobile)	Weld procedure qualification for pipe to pipe and pipe to Forging + Mechanicals + Fatigue Strings. Assembly of 3 x Flex including HSS application, welding + AUT and fitting of laydown tool. 10.75" (22.2 mm, A707-G3) 13.0" (50.8 mm, ASTM A 707-L5) 10.75" (22.2 mm, X65)
2012	Technip for Enterprise Field Services	<b>GSO 28615</b> USA (Mobile)	48.03 OD (7.14 mm W.T., A106B) + ball valves, gaskets + Wn flanges and additional plate and pipe and structural steel - Welding of 16" SCR Red Hawk Laydown head
2012	Subsea 7 for Statoil	<b>Ormen Lange Spools</b> Norway	Fabrication of 6 spools: - 4 no. 16" (23 mm, SML 450 I DF) - 2 no. 6" (9.9 mm, SML 450 I DP)
2011	Subsea 7 for Statoil	<b>Asgard Spools</b> Norway (Kristiansund)	To fabricate, weld, NDT and FJC 3off Spools in Kristiansund,
2011	for BP	<b>BP Galapagos</b> USA (Fourchon)	2 x Spool Pieces to be built: 2 x 7-8 welds of 8.625" (33 mm, X70)
2011	Bibby Offshore for (N/A)	<b>Bibby Offshore Gyro Frames</b> Norway (Kristiansund)	Fabrication of 3 Gyro Rotation Frames
2011	Duco for Total	<b>Girri Butt WP</b> UK (Evanton)	10 coupons: 11.7mm dia (4.8 mm for SDSS to 316L) 4 coupons: 42.8mm dia (8.75 mm for SDSS to SDSS) This also covers 20.6mm dia (6.4 mm SDSS)
2011	FMC for Petrobras	<b>Tambau</b> Brazil (Rio)	Onshore fabrication of 5 Jumpers to allow connection of the export flowline to the platforms and subsea structures (MacLarren Shipyard, Niterói - Rio) : Jumper U : 14" (50.8 mm, X70 + Inconel 625) Jumper U : 14" (50.8 mm, X70 + Inconel 625) Jumper M : 12.75" (28.57 mm, X80 + Inconel 625) Jumper M : 12.75" (28.57 mm, X80 + Inconel 625) Jumper MEG : 6.625" (21.9 mm, L80)

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2011	Technip for Total	<b>Islay</b> UK (Evanton)	Mock-up and fabrication of pipeline termination assembly for Technip Islay Project - Optical Connector Chamber 140 OD x 10 mm
2011	Technip for BP	<b>Devenick Spool Piece</b> UK (Evanton)	Welding, NDE, FJC and Hydrostatic pressure Testing of spoolpieces (62 off) for the BP Devenick project: 10" Super Duplex 25%Cr 8" Super Duplex 25%Cr 2" Super Duplex 25%Cr
2010	Technip for BP	<b>BP Galapagos</b> USA	Extension of a portion of pipe by inserting pup pieces
2010	Talisman Energy for Talisman Energy	<b>Fulmar Platform</b> North Sea	Production Riser: 8 welds 8.63" x 18.3 mm, UNS S32750 Gas lift riser : 7 welds 4.5" x 13.5 mm, X65 Controls j-tube : 7 welds 8.63" x 8.2 mm Power cable j-tube : 7 welds 8.63" x 8.2 mm
2010	Core for Core	<b>Core Fabrication Job #1</b> USA	Fabrication of 10 identical Containers for Core based on drawings provided,
2010	Technip for Statoil Hydro	<b>Asgard OSB 2010</b> Norway (Orkanger)	Fabrication of 2 spools and 2 spreader bards
2010	Acergy for BP	<b>BP Skarv</b> Norway	Fabrication of 3 tie-ins spools and 3 spreader beams in Kristiansund 26" x 24.2 mm(450 I SFU) 16" x 20.6 mm(450 I SF)
2010	Shell for Shell	<b>BC 10 P7H Jumper</b> Brazil	Jumper Fabrication : 410 Stainless steel 5.94" OD, 0.939" WT (23.8 mm)
2009	Subsea 7 for Petrobras	<b>Cascade &amp; Chinook</b> USA (Fourchon)	Jumper fabrication 8- ea carbon steel jumpers 9.625" (30.7 mm, X70)
2009	Fluor Daniel for Conoco Phillips	<b>Core Project</b> USA	Rental of welding equipment + sale of spare parts and consumables for pipe sizes ranging from 16" to 42" and w.t. ranging from 10 to 23 mm (Grade A1203B)
2009	BP for BP Americas	<b>Galapagos Fabrication</b> USA	Fabrication works for the Galapagos bulkhead and transition joints piece: 12.75" (17 mm, X70) 8.75" (28 mm, X70) 8.75" (33 mm, X70)
2009	Subsea 7 for Shell	<b>BC-10</b> Brazil	Fabrication of 17 Carbon Steel X60 Jumpers, 8 Well Jumpers, 1 F6NM Well Jumper
2009	Gama for Qatar Gas	<b>Qatargas 3 &amp; 4 Onshore LN</b> Qatar	19,000 dia inches of : - Incoloy 827 - Inconel 625 - Hastelloy C-276 - Carbon steel & SS316L Clad
2008/2010	BP for BP	<b>Thunderhorse</b> USA (Fourchon)	Fabrication of 2,962 tons of pipeline Components, including: 52 Jumpers, 23 PLETs, 6 SLEDs, 2 Gooseneck Parking Frames, 21 Mudmats, 13 Subsea Chaintensioners
2008	Technip for Mariner	<b>Mariner Bass Light</b> USA (Fourchon)	Fabrication/Rework of 1 Carbon Steel Jumper

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2007	Subsea 7 for Anadarko	<b>ISG Project</b> USA (Fourchon)	Fabrication of 839 tons of Jumpers : 6" x 0.719 mm - 15 Jumpers 8" x 0.812 mm - 8 Jumpers
2007	Technip for Shell	<b>NaKika</b> USA	Refurbishment of 2 Jumpers
2006/ 2008	BP for BP	<b>Atlantis</b> USA (Fourchon)	Fabrication of 14,454 tons of Jumpers and Stands
2005	Technip for N/A	<b>Piggyback Clamp Scolty Cra</b> UK (Evanton)	Fabricate 4 no. 8"/4" piggyback support clamps