

Past, Ongoing and Future Projects

SCR

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2020	Technip Brasil for Petrobras	Mero I Brazil	6 <i>Saturnax</i> stations 7,111 welds (86.7 km) - - Flowline and risers for Production line : 36.7 km 10.13" (23.0 + 4 mm) - Flowline and risers for WAG : 50 km 7.97" (22.0 + 3 mm) Sour service
2020	COOEC (HYS201) for CNOOC	Lingshui 17-2-SCR China	6 <i>Saturnax</i> stations 404 welds 6.625" (18.3 mm) - 2.93 km of SRC line - 2.00 km of flowline
2019	TechnipFMC for Shell	Powernap USA (Theodore, AL)	7 <i>Saturnax</i> stations 109 welds 10.75" (47.8 mm, X65) 93 welds 10.75" (47.8 mm, X65) 168 welds 6.625" (27.13 mm, X65)
2018	TechnipFMC for LLOG	Buckskin USA (Theodore, AL)	7 <i>Saturnax</i> stations FL Pipe in Pipe Stalk Fabrication: SCR : 576 welds 8.625" (36.83 mm, X70) 2.5" GSPU FL : 1,345 welds 8.625" (29.46 mm, X70) 2.5" GSPU
2017	TechnipFMC for LLOG	Crown & Anchor USA	6 + 4 <i>Saturnax</i> stations 174 welds 6.625" (19.05 mm, X65)
2015	Emas (Lewek Constellation) for Noble Energy	Big Bend Offshore USA (GoM)	4 Tie-Ins 8.625" (29.2 mm)
2015	Technip Marine (G1201) for SSPC	Malikai Malaysia	4 <i>Saturnax</i> stations SCR - CS: 221 welds 8" (19.1 mm) 209 welds 10" (22.2 mm) SCR - CRA: 10 welds 8" (16.1 + 3 mm) 30 welds 10" (19.2 mm + 3 mm)
2015	Technip for SSPC	Malikai DJ Malaysia	<i>Saturnax</i> stations + 2 manual stations Double Jointing of SCR scope - SCR - CS : 70 welds 8" (19.1 mm) 70 welds 10" (22.2 mm)
2015	Emas (Lewek Constellation) for Noble Energy	Gunflint Offshore USA	Manual welding 4 tie-ins 8.625" (34.1 mm) SCR

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2015	EMAS for Noble Energy	Gunflint USA (Ingleside)	<i>5 Saturnax stations</i> 234 welds 8" (34.1 mm) - SCR 313 welds 8" (34.1 mm) - SCR Full-service Welding & NDT & FJC
2014	EMAS for Noble Energy	Big Bend USA	<i>4 Saturnax stations</i> SCR: 250 welds 8" (29.2 mm) SCR: 250 welds 8" (29.2 mm)
2014	Subsea 7 <i>(Borealis)</i> for Anadarko	Heidelberg USA	<i>1 saturnax station</i> 375 welds 8" (35.8 mm, X70) - 9.7 km 84 welds 16" (22.22 mm, X65) - 2.2 km 83 welds 16" (23.8 mm, X65) - 2.2 km
2013	Technip <i>(Deep Blue)</i> for Williams	Williams Tubular Be USA	<i>1 station</i> Offshore SCR tie-ins 2 welds 12.75" (20.6 mm, X65) Manual GTAW/PGMAW - 2 G
2013	Technip for Hess	Hess Tubular Bells USA	<i>Automatic welding (Saturnax)</i> WPQT Program (SCR): 25 welds 8.625" (31.75 mm, X65) - 5G 25 welds 8.625" (36.83 mm, X65) - 5G Fabrication of Fatigue Strings (SCR): 9 welds 8.625" (31.75 mm, X65) - 5G 9 welds 8.625" (36.83 mm, X65) - 5G
2013	Technip for Hess	Tubular Bells USA (Houston)	<i>Manual welding</i> 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
2011	SapuraAcergy for SSPC	Gumusut Multi-Joint Malaysia (Kuantan)	<i>4 Saturnax Stations + Manual stations</i> SCR Lines : 465 welds 8,625" (20.6 mm, X65) - Sour service 165 welds 10,75" (25.4 mm, X65) - Sour service 219 welds 12,75" (28.6 mm, X65) - Non-sour service 155 welds 18" (22.2 mm, X70) - Non-sour service SCR Thick End : 83 welds 8,625" (34.9 mm, X65) - Sour service 26 welds 12,75" (36.2 mm, X65) - Non-sour service 19 welds 18" (32 mm, X70) - Non -sour service
2011	Technip <i>(Deep Blue)</i> for BHP	Shenzi W.I. USA	<i>1 manual station</i> Completion of offshore Tie-Ins: 6.625" x 18.26 mm - SCR 10.75" x 29.46 mm - SCR
2011	SapuraAcergy <i>(Sapura 3000)</i> for Shell	Gumusut J-Lay Malaysia	<i>1 Saturnax station + 2 SMAW-GSFCAW</i> SCR: 466 welds 8,625" (20.6 mm, X65) - Sour service 111 welds 10,75" (25.4 mm, X65) - Sour service 27 welds 12,75" (28.6 mm, X65) 142 welds 18" (22.2 mm, X70) SCR (Thick End - for touch down section) 83 welds 8,625" (34.9 mm, X65) - Sour service 156 welds 12,75" (36.2 mm, X65) 17 welds 18" (32.0 mm, X70)
2010/ 2011	Technip for BP Americas	Galapagos Spoolbas USA (Mobile, AL)	<i>4 Saturnax stations</i> 2,285 welds 12.75" (16.9 mm, X70) 2,285 welds 8.625" (27.9 mm, X70) 485 welds 8.625" (32.9 mm, X70)

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2009	Technip for Shell Oil	Princess P3 USA (Mobile, AL)	7 Manual stations 195 welds 4.0" (19.2 mm)
2009	Technip for Helix	Thunderhawk USA	4 Saturnax stations 513 welds 8.625" (31.7 mm, X70) - SCR 513 welds 12.75" (21.6 mm, X65) - SCR
2009	Technip for Petrobras	Cascade A FSHR USA (Mobile, AL)	4 Saturnax stations 196 welds 7.5" (19.1 mm, X70) - Sweet service 698 welds 9.625" (33.6 mm, X70) - Sour Service 82 welds 10.15" (42 mm, X70) - Sour service All Free standing Hybrid Riser
2008	Acergy (Polaris) for Chevron	AGBAMI Nigeria	2 Saturnax stations Upper OOL : 160 welds 20" (18.3 mm, X60) - sour service 23 welds 20" (25.4 mm, X60) - sour service 5 welds 20" (27.0 mm, X60) - sour service Lower OOL : 170 welds 20" (18.3 mm, X60) - sour service 23 welds 20" (25.4 mm, X60) - sour service 5 welds 20" (27.0 mm, X60) - sour service
2008	Technip for BP	Dorado USA (Mobile, AL)	4 Saturnax stations Fatigue sensitive flowlines : 120 welds 8.625" (17 mm, X65) 120 welds 12.75" (17 mm, X65) SCR : 153 welds 8.625" (21.2 mm, X65)
2008	Technip for Shell	Perdido USA (Mobile, AL)	4 Manual welding 245 welds 6.625" (15.8 mm, X70)
2008	Technip for Callon	Entrada USA (Mobile, AL)	6 or 7 Saturnax stations 416 weld 6,625" (23 mm, X65)
2008	Technip for BP	Thunderhorse NFWI USA (Mobile, AL)	4 Saturnax stations 26 welds 10.5" (1.180" w.t.)
2008	Technip for BP	Thunderhorse DC 30 USA (Mobile, AL)	4 Saturnax stations 66 welds 10.75" (1.180" w.t.)
2007	Technip for Shell	Ursa Princess Projec USA (Mobile, AL)	4 Saturnax stations 311 welds 10.75" (1.113" w.t., X65)
2007	Technip for Mariner Energy	Shenzi USA (Mobile, AL)	4 Saturnax stations 200 welds 8.625" (0.750" w.t., X65)
2007	Technip for BP	Thunderhorse USA (Mobile, AL)	4 Saturnax stations 36 welds 10.75" (1.180" w.t., X70)
2007	Technip for BHP Billiton	Shenzi USA (Mobile, AL)	4 Saturnax stations 358 welds 6.625" (15.8 mm) 344 welds 8.625" (25.4 mm) 341 welds 10.75" (29.4 mm)

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2007	Acergy <i>(Polaris)</i> for BP	Greater Plutonio - O Angola	2 Saturnax stations 177 welds 18" (17.5 mm, X60) - Upper 186 welds 18" (17.5 mm, X60) - Lower 4 welds 18" (33 mm, X60) - Upper 27 welds 18" (25 mm, X60) - Lower 28 welds 18" (25 mm, X60) - Upper 4 welds 18" (33 mm, X60) - Lower
2006	Stolt Offshore for Vetco Gray/Exxon Mobil	Kizomba A3/B3 Angola (Lobito)	2 Saturnax stations (1G position) 1,256 welds 10.75" (11.4 mm, X80)
2005/ 2006	Stolt Offshore <i>(Polaris)</i> for Exxon	Erha Nigeria	1 Saturnax + 1 GTAW station (J-Lay) 212 welds SCR 4.5" (11.1 mm, X65) 199 welds SCR 6.625" (15.9 mm, X65) 20 welds SCR 6.625" (15.9 + 4 mm, X65 + Inconel 825) 403 welds SCR 10.75" (20.6 mm, X65) 36 welds SCR 10.75" (20.6 + 4 mm, X65 + Inconel 825) 106 welds SCR 10.75" (23.8 mm, X65) 108 welds SCR 12.75" (34.3 mm, X65) 102 welds 20" (22.2 & 28 mm, X60) - 5G welding - OLL, S-Lay 318 welds 22" (19.8 mm, X60) - 5G welding - OLL, S-Lay
2005	Technip <i>(DeepBlue)</i> for ENI	K2 USA	1 Saturnax station (2G position) 83 welds 7.625" (26.9 mm, X65) - SCR (2G position)
2004/ 2005	Stolt Offshore <i>(yard in Onne)</i> for Exxon Mobil	Erha Nigeria	4 Saturnax stations (1G position) 2004 : 224 welds 10.75" (23.8 mm) - SCR, DJ 894 welds 10.75" (20.6 mm) - SCR, DJ 2005 : 404 welds 6.625" (15.9 mm) - SCR, DJ 440 welds 4.5" (11.1 mm) - SCR, DJ 332 welds 12.75" (34.3 mm) - SCR, DJ
2003	Coflexip Stena Offshore <i>(Deep Blue)</i> for Shell	Nakika, offshore USA	1 Saturnax + 1 GTAW station (2G position) 2 x 120 welds 10.75" (22.2 mm) in 16" (19.1 mm) - SCR PIP 110 welds 18" (19.1 mm) - SCR 110 welds 20" (25.4 mm) - SCR
2003	Global Industries <i>(Hercules)</i> for Williams	Gunnison USA	2 + 3 Saturnax stations 8,156 welds 18" (14.3 mm, X60) 120 welds 18" (19.05 mm, X60) SCR : 60 welds onshore (DJ) + 60 offshore
2002/ 2003/ 2004	Stolt Offshore <i>(Polaris/Nigerdock)</i> for Shell	Bonga Nigeria	5 Saturnax stations + 2 GTAW (2G position) J-Lay, S-Lay Export Line : 3.7 km 16" (20.6 mm, X52) SCR Production line : 1.0 km 10" (28.4 mm, X52 + clad 625/825) SCR 3.9 km 12" (28.6 mm, X52) SCR 0.4 km 12" (28.6 mm, X52 + clad 625/825) SCR 8.89 km 10" (25.4 mm, X52) SCR Water Injection : 2.3 km 12" (27 mm, X52 + clad 625) SCR 1.0 km 12" (30 mm, X52 + clad 625) SCR

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2002/ 2003	Coflexip Stena Offshore (Spoolbase) for Shell	Nakika, prefab USA	4 Saturnax stations (5G position) 473 welds 8.625" (19.1 mm) - PIP SCR 474 welds 12.75" (17.5 mm) - PIP SCR 473 welds 8.625" (20.6 mm) - SCR