

Past, Ongoing and Future Projects

OFFSHORE

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2020	Sapura Energy (Sapura 3500) for ENI	ENI Amoca 2 Mexico	4 Saturnax stations Total of 3,377 welds: 10.75" (14.33 mm, X60) 12.75" (20.6 mm, X60) 14" (15.9 mm, X60) Sweet service
2020	COOEC (HYS201) for CNOOC	Lingshui 17-2-SCR China	6 Saturnax stations 404 welds 6.625" (18.3 mm) - 2.93 km of SRC lines - 2.00 km of flowline
2020	TechnipFMC (G1200) for PetroVietnam (PV GAS)	Nam Con Son 2 & SVDN Vietnam	4 Saturnax stations Nam Con Son 2: 89 km 26" (1.1 mm) SVDN: 22 km 26" (19.1 mm) 1 km 26" (23.8 mm) 22 km 18" (15.9 mm) 1 km 18" (17.5 mm) Total : 11,053 welds
2020	Sapura Offshore (S3000) for Sarawak Shell Berhad	Pegaga Dev. Project Malaysia	2 Saturnax stations 324 welds 38" (22.2 mm, X65) - 4 km
2020	Thien Nam Offshore Services (Tos Ha Long) for PetroVietnam	Nam Con Son 2 Vietnam	3 Saturnax stations Total of 2,542 welds: 29.7 km 26" (19.1 mm) 0.8 km 26" (23.8 mm)
2020	Sapura Offshore (S1200) for ENI Sepinggan	Merakes Indonesia	4 Saturnax stations Deepwater lines : 2,685 welds 18" (26.7 mm, X65) - 32.74 km 2,688 welds 18" (26.7 mm, X65) - 32.78 km Shallow water lines : 1,083 welds 18" (26.7 mm, X65) - 13.22 km 1,074 welds 18" (26.7 mm, X65) - 13.11 km
2020	TechnipFMC (G1200) for Energean Oil & Gas	Karish Gas Developmen Israel	5 Saturnax stations + 1 Manual Total of 7,438 welds: 24" (17.5/25.4/30 mm) 30" (21.5 mm)
2019	HOC Offshore (tba) for Pemex	Xanab-C Mexico	4 Saturnax stations 1,016 welds 20" (23.8 mm, X65) 12.4 km Sour service
2019	Sapura Offshore (LTS3000) for Hess & PCSB	P4 & P6 Malaysia	3 Saturnax stations 1,517 welds 12.75" (12.7 mm, X65) - 18.5 km 82 welds 12.75" (14.3 mm, X65) - 1.0 km 123 welds 16" (9.5 mm, X60) - 1.5 km 41 welds 16" (12.7 mm, X60) - 0.5 km

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2019	Sapura Offshore (Sapura3000) for Gupco	GOS Egypt	<i>3 Saturnax stations</i> 289 welds 8.625" (12.7 mm, X52) - 3.53 km 65 welds 8.625" (12.7 mm, X52) - 0.79 km 490 welds 12.75" (12/.7 km, X52) - 5.98 km 403 welds 12" (12.7 mm, X52) - 4.92 km 161 welds 18" (12/.7 mm, X52) - 1.97 km 2,851 welds 18" (12.7 mm, X52) - 34.78 km
2019	L&T Hydrocarbon (LTB300) for ONGC	C8 & HRP3 India	<i>3 Saturnax stations</i> Cluster8 (total 4,881 welds) : 566 welds 10.75" (14.3 mm, X60) - 6.90 km 902 welds 10.75" (14.3 mm, X60) - 11.0 km 164 welds 8.625" (14.3 mm, X60) - 2.00 km 557 welds 6.625" (11.0 mm, X60) - 6.80 km 871 welds 6.625" (11.0 mm, X60) - 10.6 km 904 welds 6.625" (11.0 mm, X60) - 11.0 km 917 welds 8.625" (14.3 mm, X52) - 11.2 km HRP3 (total 3,966 welds) : 770 welds 12.8" (14.3 mm, X60) - 9.40 km 459 welds 10.75" (12.7 mm, X60) - 5.6 km 557 welds 12.8" (14.3 mm, X60) - 6.8 km 49 welds 12.8" (14.3 mm, X60) - 0.60 km 533 welds 10.8" (12.7 mm, X60) - 6.5 km 492 welds 14" (15.9 mm, X60) - 6.0 km 262 welds 6.625" (11.0 mm, X60) - 3.2 km 475 welds 6.625" (12.7 mm, X60) - 5.8 km 369 welds 6.625" (12.7 mm, X60) - 4.5 km
2019	GSP Offshore (Bigfoot 1) for Energean Oil & Gas	GSP Epsilon Greece	<i>3 Manual Welding Stations</i> 316 welds 10.75" (15.9 mm, X65) 318 welds 6.625" (12.7 mm, X65) 324 welds 6.625" (9.5 mm, X65)
2019	Subsea7 (7 Champion) for Saudi Aramco	3 GAS PDM Kingdom of Saudi Arabia	<i>3 Saturnax stations</i> 361 welds 12" (11.1 + 3 mm) - 4.4 km 123 welds 12" (12.7 + 3 mm) - 1.5 km 336 welds 16" (14.3 + 3 mm) - 4.1 km
2019	Sapura Kencana (SK3500) for Hokchi Energy	Hokchi Mexico	<i>3 Saturnax stations</i> 2,050 welds 10.75" (20.62 mm, X52) - 25 km 230 welds 12.75" (11.125 mm, X52) - 2.8 km 230 welds 6.625" (14.22 mm, X52) - 2.8 km 230 welds 6.625" (7.924 mm, X52) - 2.8 km 1,968 welds 14" (12.7 mm, X52) - 24 km All non-sour service
2019	Perenco Petr�leo e G�s (tba) for Perenco	Pargo Cluster Brazil	<i>2 Saturnax stations</i> 820 welds 16" (22.23 mm, X52) - 10.5 km Sweet service
2019	Hilong Marine Engineering (tba) for Eastern Refinery Ltd (ERL)	Bangladesh SPM China	<i>4 Saturnax stations</i> 4,874 welds 18" (14.3 mm, X65) 59.5 km (ML) 1,230 welds 36" (23.8 mm, X65) - 15 km (ML) 3 welds 18" (14.3 mm, X65/X65) - Tie-in 4 welds 36" (23.8 mm, X65/F65) - Tie-in
2018	Sapura Offshore (Sapura 900) for Shell	Southern Swamp Gas Nigeria	<i>2 Saturnax stations</i> 1,029 welds 16" (10.5 mm, X65) - 12.96 km 382 welds 16" (12.7 mm, X65) - 4.82 km 28 welds 16" (14.27 mm, X65) - 0.36 km
2018	Sapura Kencana Mexicana (SK3500) for ENI	ENI Amoca Mexico	<i>3 Saturnax stations</i> 1,861 welds 10" (14.3 mm, X60) - 22.7 km Sour service

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2018	Sapura Energy (Locar) for (tba)	Celse Gas Pipeline Brazil	1 Saturnax stations Gas Flowline 529 welds 18" (12.7 mm, X65) - 6.4 km
2018	Subsea7 / Nigestar 7 (Antares) for Exxon Mobil	Idoho - QIT Project Nigeria	3 Saturnax stations 1410 welds 24" (19.3 mm - Inc 825 Cladded) 156 welds 24" (30.4 mm - Inc 825 Cladded) 214 welds 24" (17.3 mm - Inc 625 Cladded) 58 welds 24" (17.5 mm - CS) 369 welds 20" (20.6 mm - CS) 353 welds 20" (14.3 mm - CS)
2018	EMAS-AMC Maridive constructor (B068P) for Saudi Aramco	SFNY 4 Decks project Kingdom of Saudi Arabia	3 Saturnax stations 893 welds 20" (19.05 mm) - 10.89 km 154 welds 16" (15.88 mm) - 1.824 km
2018	Subsea 7 (Sapura 3000) for Rosneft Vietnam	PLD Vietnam	4 Saturnax stations 793 welds 16" (15.9 mm, X65) - 9.67 km 1,699 welds 16" (15.9 mm, X65) - 20.73 km
2018	Emas (Lewek Champion) for KNPC	KNPC Al Zour Kuwait	5 Saturnax stations 1,427 welds 30" (17.48 mm, X52) - 17.4 km 1,427 welds 30" (17.48 mm, X52) - 17.4 km 1,427 welds 30" (17.48 mm, X52) - 17.4 km 1,427 welds 30" (17.48 mm, X52) - 17.4 km 1,427 welds 10" (12.7 mm, X52) - 17.4 km
2018	Sapura Kencana Mexicana (SK3500) for Pemex	Pemex Ayatsil L16 Mexico	4 Saturnax stations 1,639 welds 30" (23.8 mm, X60) - 20 km
2018	Sapura Offshore (Sapura 3000) for Petronas Carigali	Anjung Malaysia	3 Saturnax stations 615 welds 18" (14.5 + 3 mm, X65 + Inconel 825) 37 welds 18" (19.1 + 3 mm, X65 + Inconel 825)
2018	Sapura Offshore (S2000/S3000) for ONGC	PRP5 India	3 Saturnax stations 744 welds 4.5" (7.1 mm, X60) - 9.07 km 473 welds 4.5" (11.1 mm, X60) - 5.76 km 269 welds 6.625" (7.1 mm, X60) - 3.28 km 1,012 welds 6.625" (11.1 mm, X60) - 12.32 km 463 welds 6.625" (12.7 mm, X60) - 5.65 km 330 welds 6.625" (18.3 mm, X60) - 4.01 km 726 welds 8.625" (11.1 mm, X60) - 8.86 km 1,058 welds 8.625" (14.3 mm, X60) - 12.9 km 835 welds (CCB Sleeves) 8.625" (14.3 mm, X52) - 10.17 km 190 welds 10.75" (12.7 mm, X60) - 2.30 km 380 welds 10.75" (14.3 mm, X60) - 4.63 km 1,006 welds 12.75" (14.3 mm, X60) - 12.26 km 1,297 welds 12.75" (15.9 mm, X60) - 15.8 km 607 welds 14" (17.5 mm, X60) - 7.41 km 176 welds 16" (20.6 mm, X60) - 2.15 km
2018	Sapura Offshore (Sapura2000) for Mumbai Port Trust	MBPT Jawahar Project India	2 Saturnax stations 328 welds 42" (17.5 mm, X60) - 4 km
2018	Bumi Armada Caspian (DLB Armada Installer) for Lukoil	Finanoski Field Russia	3 Saturnax stations 410 welds 12.75" (11.1 mm, X52) - 4.9 km 83 welds 12.75" (11.1 mm, X60) - 1.0 km 492 welds 16" (17.5 mm, X60) - 5.9 km 492 welds 6.625" (12.7 mm, X52) - 5.9 km

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2018	Technip (G1201) for Woodside Energy Ltd	WEL Greater Enfield Australia	4 Saturnax stations 2,359 welds 16" (21.4 mm) - 28.8 km 2,249 welds 10.75" (14.3 mm) - 27.4 km Material grade: DNV L450 SFD SMLS CS Sour service
2018	Sapura Offshore (SK3500) for Sarawak Shell Berhad	Pan Malaysia - E6 Proje Malaysia	4 Saturnax stations 5,452 welds 10" (11.1 mm, X65) - 66.5 km 106 welds 10" (15.9 mm, X65) - 1.3 km 1,243 welds 16" (14.3 mm, X65) - 15.2 km 60 welds 16" (23.8 mm, X65) - 0.7 km
2018	PT. Timas Suplindo (Lewek Centurion) for Kangean Energy Indonesia	TSB Phase 2 Indonesia	4 Saturnax stations 1,906 welds 26" (20.6 mm, X65) - 23.254 km
2017	SapuraKencana TLO (SK3500) for PTTEP	Z1C Myanmar	4 Saturnax stations 524 welds 14" (15.9 mm, L450) - 6.4 km 378 welds 14" (17.5 mm, L450) - 4.6 km 2,189 welds 18" (15.9 mm, L450) - 26.7 km 997 welds 18" (19.1 mm, L450) - 12.2 km
2017	SapuraKencana TLO (SK3500) for Repsol	Bunga Pakma Malaysia	4 Saturnax stations 720 welds 24" (25.4 mm, X65) - 8.782 km
2017	SapuraKencana (LTS3000) for PCSB	SKE-B15 Malaysia	3 Saturnax stations 2,787 welds 16" (12.7 mm, X65) - 34 km 82 km 16" (15.9 mm, X65) 1 km
2017	SapuraKencana (SK1200) for Tanap	Tanap Turkey	4 Saturnax stations 1,443 welds 36" (22.9 mm, X65) 1,443 welds 36" (22.9 mm, X65)
2017	Emas (Shallow Water/Lewek Champio) for Saudi Aramco	Hasbah Kingdom of Saudi Arabia	4 Saturnax stations Shallow Water: 2,705 welds 36" (34.93 mm, X65) - 33 km 7 welds 36" (40.5 mm, X65) - 0.1 km 2,705 welds 36" (34.93 mm, X65) - 33 km 10 welds 36" (40.5 mm, X65) - 0.12 km 2,705 welds 8.625" (12.7 mm, X65) - 33 km Lewek Champion : 141 welds 36" (31.75 + 3mm, X65 + Inconel625) - 1.7 km 7,159 welds 36" (34.93 mm, X65) - 87.3 km 204 welds 36" (31.75 + 3mm, X65 + Inconel625) - 2.5 km 7,681 welds 36" (34.93 mm, X65) - 91.8 km 439 welds 16" (19.05 + 3mm, X65 + Inconel625) - 5.4 km 588 welds 16" (19.05 + 3mm, X65 + Inconel625) - 7.1 km 7,307 welds 8.625" (12.7 mm, X65) - 89.1 km 310 welds 6.625" (12.7 mm, X65) - 3.8 km
2017	SapuraKencana TLO (SK1200) for ONGC	B127 Cluster Project India	4 Saturnax stations 254 welds 6.625" (7.9 mm, X60) - 3.1 km 402 welds 6.625" (14.3 mm, X60) - 4.9 km 123 welds 8.625" (11.1 mm, X60) - 1.5 km 558 welds 8.625" (12.7 mm, X60) - 6.8 km 550 welds 8.625" (15.9 mm, X60) - 6.7 km 343 welds 8.625" (15.9 mm, X60) - 4.2 km 2,173 welds 8.625" (15.9 mm, X60) - 26.5 km 197 welds 14" (15.9 mm, X60) - 2.4 km 254 welds 16" (15.9 mm, X60) - 3.1 km 263 welds 16" (17.5 mm, X60) - 3.2 km 4,386 welds 16" (22.2 mm, X60) - 53.5 km

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2017	Subsea 7 (<i>Borealis</i>) for BP	Atoll Development Proj Egypt	4 +1 <i>Saturnax</i> stations 1,353 welds 20" (25.4 mm, X65) 2,468 welds 20" (22.2 mm, X65) 287 welds 20" (22.2 + 3 mm, X65 + Inco 625)
2017	Bumi Armada Caspian (<i>DLB Armada Installer</i>) for Lukoil	Filanovsky Field Develo Russia	3 <i>Saturnax</i> staitons 658 welds 12.75" (17.5 mm, X52) - 7.9 km 84 welds 16" (12.7 mm, X52) - 1 km 84 welds 22" (20.6 mm, X60) - 1 km 84 welds 6.625" (12.7 mm, X52) - 1 km
2017	Subsea 7 (<i>Borealis</i>) for Shell	Shell Brent A Bypass UK (North Sea)	4 <i>Saturnax</i> stations 1.4 km 16" (23 mm, CS)
2017	Technip (<i>G1200</i>) for Mellitah Oil & Gas	Mellitah Bahr Essalam Libya	4 <i>Saturnax</i> stations 1,008 welds 20" (22.2 mm L450 + 3 mm 825) - 12.3 km 32 welds 20" (22.2 mm L450 + 3 mm 625) - 0.39 km Dummy spool: 5 welds 20" (22.2 mm L450 + 3 mm 625) Pipe to PLR: 1 weld 20" (22.2 mm L450 + 3 mm 825)
2017	SapuraKencana (<i>tba</i>) for Exxon & PCSB	Guntong-F12 Malaysia	4 <i>Saturnax</i> stations Guntong project: 868 welds 12.75" (14.3 mm, DNV SMLS 450 D) 83 welds 12.75" (19.1 mm, DNV SMLS 450 D) F12 project: 750 welds 24" (20.68 mm, X65) 387 welds 24" (28.58 mm, X65)
2017	Subsea 7 (<i>Borealis</i>) for Maersk	SS7 Culzean UK	5 <i>Saturnax</i> stations 51.8 km 22" (25.4 mm, DNV 415) 3.6 km 6" (12.7 mm, DNV 450) - Inner Pipe 3.6 km 10" (12.7 mm, DNV 415) Outer Pipe
2017	Subsea 7 (<i>Borealis</i>) for Total	SS7 L4A-K6GT UK (North Sea)	4 <i>Saturnax</i> stations 12 km 10" (12.7 mm)
2017	Chet Morrison (<i>CM9 Chet Morrison</i>) for Denovo	Denovo Iguana Trinidad	2 <i>Saturnax</i> stations + <i>Manual station</i> 3,430 welds 14" (19.1 mm, X65) - 42 km Non-sour service
2017	Geocean (<i>Protis</i>) for Sonara	Sonara Cameroon	Full service solution (welding, NDT, FJC, personnel) - 2,230 welds 30" (20.6 mm, X60) - 183 km
2017	EMAS (<i>Lewek Centurion</i>) for Eni Ghana E&P	Ghana OCTP Developme Ghana	5 <i>Saturnax</i> stations 554 welds 26" (19.05 mm) - 6.76 km 1,495 welds 26" (25.4 mm) - 18.24 km 1,541 welds 26" (19.05 mm) - 18.8 km 1,541 welds 26" (28.58 mm) - 18.8 km
2016	Subsea 7 (<i>Borealis</i>) for BP	East Nile Delta Egypt	<i>Saturnax</i> stations 506 welds 10" (12.7 mm, X65) - 6.17 km 93 welds 20" (22.2 mm, X65) - 1.13 km

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2016	SapuraKencana (SK3500) for Pemex	kMZ 76 for SKM Mexico	1,326 welds 36" (22,2 mm, X60) - 16 km Sour service
2016	PT Technip Indonesia (G1201) for ENI Muara Bakau B.V.	Jangkrik Complex Proje Indonesia	<i>1 Saturnax station</i> Auto-welding scope: 41 welds 24" (20.6 mm, X65) 574 welds 24" (19.05 mm, X65) 738 welds 24" (17.5 mm, X65) 1,738 welds 24" (15.9 mm, X65) 3,005 welds 12.75" (17.5 mm, X65) 59 welds 12.75" (19.05 mm, X65) Manual scope: 41 welds 4.5" (7.9 mm, X65) 3,050 welds 4.5" (7.14 mm, X65)
2016	TL Offshore (Java Constructor) for ONGC	MHSRD3 India	<i>4 Saturnax stations</i> 878 welds 6.625" (7.9 mm, X60) - 10.7 km 251 welds 6.625" (11.1 mm, X60) - 3.1 km 559 welds 8.625" (9.5 mm, X60) - 6.8 km 98 welds 8.625" (12.7 mm, X60) - 1.2 km 1,170 welds 10.75" (11.1 mm, X60) - 14.3 km 939 welds 10.75" (14.3 mm, X60) - 11.5 km 773 welds 12.75" (12.7 mm, X60) - 9.4 km 477 welds 12.75" (15.9 mm, X60) - 5.8 km 937 welds 12.75" (19.1 mm, X60) - 11.4 km 1,068 welds 14" (15.9 mm, X60) - 13 km 1,084 welds 16" (17.5 mm, X60) - 13.2 km
2016	Subsea 7 (Borealis) for BP	West Nile Delta Egypt	<i>Saturnax stations</i> 3,476 welds 24" (28.7 mm, X65) - 42.37 km 3,027 welds 4.5" (11.1 mm, X65) - 36.93 km
2016	TL OFFSHORE (LTS3000) for ONGC	Vasai East India	<i>4 Saturnax stations</i> 239 welds 6.625" (8.7 mm, X52) - 2.9 km 1,223 welds 8.625" (8.7 mm, X60) - 14.9 km 1,314 welds 18" (17.5 mm, X60) - 16.1 km
2016	Technip (G-1201) for BP	Juniper Trinidad and Tobago	<i>5 Saturnax stations</i> 790 welds 26" (15.88 mm, X65) - 9.632 km
2016	Timas (Makassar Strait/DLB01) for ENI (through Technip)	Jangkrik Project Indonesia	<i>3 Saturnax stations</i> 1,885 welds 24" (15.8 mm, X65) - 23 km
2016	Timas (DLB01) for COOEC/SKK MIGAS	Madura BD Project Indonesia	<i>3 Saturnax stations</i> Export Gas Pipeline 4,265 welds 16" (11.1 mm, X65) - 52 km
2016	PBJV KL101 for PCSB	Bardegg & Baronia Malaysia	<i>7 Saturnax stations</i> PAN 2016 P1 & P2 - P1 project (ID constant): 2,613 welds 24" (14.3 mm, X658) - 31.9 km 492 welds 24.3" (17.5 mm, X65) - 6 km 492 welds 24.6" (22.2 mm, X65) - 6 km P2 project (OD constant): 9,195 welds 24" (17.5 mm, X65) - 112.2 km 820 welds 24" (19.1 mm, X65) - 10 km
2015	SapuraKencana Mexicana (SK3500) for Pemex	SKM for Pemex 36" GoM (Mexico)	<i>5 Saturnax stations</i> 1,230 welds 36" (28.58 mm, X65)

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2015	Technip (G1201) for Dubai petroleum	Rashid-C UAE	4 Saturnax stations 2,626 welds 10.75" (12.7/11.1 mm, X60) - 31.6 km 2,509 welds 12.75" (25.4/22.2/19.1 mm, X60) - 30.1 km 582 welds 14" (25.4/20.6 mm, X60) - 6.3 km 2,151 welds 18" (14.3/11.9 mm, X60) - 25.9 km 297 welds 20" (30.2/25.4 mm, X60) - 3.4 km 459 welds 30" (19.1/17.5 m, X60) - 5.2 km 500 welds 42" (21.1 mm)
2015	TL Offshore for HLJOC	H5 Vietnam	4 Saturnax stations 478 welds 6.625" (12.7 mm, X65) + 5.83 km 479 welds 8.625" (20.6 mm, X65) - 5.85 km 1,051 welds 12.75" (20.6 mm, X65)
2015	Emas (Lewek Constellation) for Noble Energy	Big Bend Offshore USA (GoM)	22 Tie-Ins 8.625" (25. mm) - FL PIP 4 Tie-Ins 8.625" (29.2 mm) - SCR 22 Tie-Ins 12.75" (20.6 mm) - FL PIP 3 Tie-Ins 16" (28.6 mm) - FL
2015	Technip (G1200) for Total E&P	Moho Nord Congo	4 Saturnax stations Total of 18,651 welds for 22 lines (225 km) 6.625" to 16" (7.9 to 20.65 mm, X65) Welding & NDT
2015	Technip Marine (G1201) for SSPC	Malikai Malaysia	4 Saturnax stations Flowlines - CS: 3,423 welds 8" (12.7 / 15.9 / 19.1 mm) 3,923 welds 10" (17.5 / 19.1 / 22.2 mm) 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	Subsea 7 (Borealis) for Exxon	Ehra North Ph II Nigeria	3 Saturnax stations 706 welds 12.75 " (23.8 mm, X65) - 8.6 km 880 welds 10.75" (20.6 mm, X65) - 10.8 km 162 welds 10.75" (23.8 mm, X65) - 2 km 150 welds 12.75" (25.4 mm, X65) - 1.8 km 15 welds 12.75" (25.4 +3 mm, X65+UNS) J-Lay with offshore double-joint pre-fabrication
2015	Hilong for CNOOC	PingHuang China	3 Saturnax stations 1,501 welds 10.75" (15.9 mm) - 18.3 km
2015	SapuraAcergy (Sapura 3000) for Total	Maharaja Lela Brunei	3 Saturnax stations 348 welds 18" (11.2+3 mm) - 4.246 km 62 welds 18" (14.3+3 mm) - 0.757 km 385 welds 18" (11.2+3 mm) - 4.697 km 54 welds 18" (14.3+3 mm) - 0.659 km Material grade: API 5L X60M PSL2 316L Clad
2015	Swiber (PJW3000) for Total	Vega Pleyade Argentina	5 Saturnax stations 5,669 welds 24" (14.3 mm, X60) - 69.2 km 41 welds 24" (20.6 mm, X60) - 0.5 km 5,710 welds 4.5" (4.8 mm, X65) - 69.7 km

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2015	Bumi Armada Caspian (DLB Armada Installer) for Lukoil	Filanovsky Field Dev. Russia	4 Saturnax stations 84 welds 12.75" (11.1 mm, X52) - 1 km 168 welds 16" (17.5 mm, X60) - 2 x 1 km 84 welds 16" (12.7 mm, X52) - 1 km 408 welds 16" (12.7 mm, X60) - 4.9 km 492 welds 22" (20.6 mm, X60) - 5.9 km 84 welds 26" (25.4 mm, X65) - 1 km 576 welds 6.625" (12.7 mm, X52) - 6.9 km
2015	Sigur Ros (DLB Armada Installer) for Petronas	Garagol Deniz to OGT Turkmenistan	3 Saturnax stations 41 welds 14" (12.7 mm, X52) 3,443 welds 14" (12.7 mm, X52) 2,256 welds 14" (12.7 mm, X52) 169 welds 14" (12.7 mm, X52) 57 welds 14" (12.7 mm, X52)
2015	West Africa Venture (Jascon 30) for Chevron	Sonam Nigeria	3 Saturnax stations 2,623 welds 20" (15.9 mm, X65) - 32 km
2015	TL Offshore (TBA) for Petrovietnam	Thai Binh Project Vietnam	4 Saturnax stations 1,200 welds 12" (25.4 mm, X65) - Approx 15 km
2015	Swiber Offshore (1MAS) for ONGC	Daman & C-26 CS Proje India	4 Saturnax stations Daman: 3,033 welds 24" (22.2 mm, X60) - 37 km C-26: 3,123 welds 20" (19.1 mm, X60) - 38.1 km
2015	Subsea 7 (Borealis) for Tullow	TEN Subsea 7 Boeralis Ghana	3 Saturnax stations J-Lay Welding: 548 welds 8.625" (22 mm, X65) - 13.4 km 427 welds 8.625" (22 mm, X65) - 10.4 km 604 welds 8.625" (22 mm, X65) - 14.7 km TNAG Flowline - J-Lay: 216 welds 6.625" (16.9 mm, X65) - 5.3 km Termination PLETs (Dummy Joints) - J-Lay: 18 welds 11" (17.5 mm, X65) Gas Export Flowline - S-Lay: 1,386 welds 10.75" (14.6 mm, X65) - 33.8 km Buckle arrestors Gas Export - S-Lay: 2.3 km 10.75" (14.6 mm)
2015	TL Offshore (LTS3000) for CPOC	JDA B17 (CPOC) JDA Malaysia & Thailand	4 Saturnax stations 451 welds 18" (12.9 + 3 mm, X65/incoloy 825) - 5.5 km 2,282 welds 18" (15.9 mm, X65) - 27.82 km 864 welds 18" (17.5 mm, X65) - 10.5 km
2015	Saipem (BGL-1) for Petrobras	Rota Cabiunas 2 Brazil	3 Saturnax stations 4.3 km 24" (28.3 mm, X65) Above Water Tie-In Full-service (Welding, NDE & FJC)
2015	Hilong for CNOOC	Weizhou PIP China	5 Saturnax stations Pipe-in-pipe project: 283 welds 6"/10" (14.3/12.7 mm) - 6.9 km 152 welds 8"/12" (15.9/11.1 mm) - 3.7 km 74 welds 10"/14" (12.7/11.1 mm) - 1.8 km 156 welds 12"/16" (12.7/11.1 mm) - 3.8 km 74 welds 12"/16" (12.7/11.1 mm) - 1.8 km 537 welds 16"/10" (15.9/12.7 mm) - 13.1 km 304 welds 22"/26" (22.2/14.3 mm) - 7.7 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2015	TL Offshore (TBA) for PGn	Kepodang Indonesia	<i>3 Saturnax stations</i> 16,174 welds 14" (11.9 mm, X65) - 195.9 km 36 welds 14" (12.7 mm, X65) - 0.5 km
2015	Emas (Lewek Constellation) for Noble Energy	Gunflint Offshore USA	<i>Manual welding</i> 21 tie-ins 8.625" (30.5 mm) - FL-PIP 19 tie-ins 12.75" (18.3 mm) - FL-PIP 4 tie-ins 8.625" (34.1 mm) SCR
2015	COOEC (TBA) for PTTEP	Zawtika Phase 1B Myanmar	<i>3 Saturnax stations</i> 585 welds 18" (19.1 mm, X65) - 7.128 km 3,165 welds 18" (17.5 mm, X65) - 38.584 km 1,052 welds 14" (15.9 mm, X65) - 12.825 km 164 welds 14" (17.5 mm, X65) - 2 km All severe sour service 14" x 17.5 mm : 16 flanges 18" x 19.1 mm : 14 flanges
2014	PBJV (tba) for Petronas	Dalak Malaysia	<i>3 Saturnax stations</i> 2,775 welds 16" (10.3 mm, X65) - 33.9 km
2014	Timas (DLB01) for PT Rekayasa	Lampung Indonesia	<i>4 Saturnax stations</i> 1,311 welds 24" (14.3 mm) - 16 km
2014	TL Offshore (tba) for TTM	Eva Malaysia/Thailand	<i>4 or 5 Saturnax stations</i> 6,173 welds 24" (17.5 mm, X65) - 75.3 km
2014	Technip (G1201) for DPE (Dubai Petroleum)	Jalilah B UAE	<i>4 saturnax stations</i> 2,389 welds 8" (11.1 mm) 237 welds 6.625" (8.7 mm) 612 welds 10.75" (14.3 mm) 2,147 welds 12.75" (19. mm) 1,022 welds 12.75" (22.2 mm) 2,190 welds 16" (11.1 mm) 264 welds 18" (28.6 mm) 158 welds 24" (15.9 mm) 878 welds 30" (19.1 mm)
2014	Technip for Chevron	Alder UK (Evanton)	<i>5 Saturnax stations</i> 27.2 km 10"/16" PIP & 0.36 km 10" PIP: - 2,229 welds 10" (25.4 mm, SMLS 450 SPD) - 2,259 welds 16" (22.2 mm, SMLS 450 SPD) - 30 welds 10" (31.8 mm, SMLS 450 SPD) Full-service Welding & NDT & FJC
2014	Subsea 7 (Seven Borealis) for Total	Martin Linge Norway	<i>4 Saturnax stations + 1 Manual</i> 5,713 welds 24" (19.1 mm) - 69.7 km
2014	EMAS (tba) for Saipem for HOCL	Liwan 3-1 China	<i>4 Saturnax stations + Manual</i> 1,880 welds 4.5" (11.1 mm, DNV450)-22.9 km 1,516 welds 12.75" (19.1 mm, DNV450)-18.5 km
2014	Technip G1201 for Woodside	Greater Western Flank Australia	<i>3 Saturnax stations</i> 15.7 km 16" (24 mm, clad Gr. 415+316L)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2014	Subsea 7 (Seven Borealis) for Total	OFON II Nigeria	<i>3 Saturnax stations</i> GL: 337 welds 6.625" (14.3 mm, X42) - 4.1 km WI: 343 welds 8.625" (12.7 mm, X65) - 4.2 km WI: 338 welds 10.75" (15.9 mm, X65) - 4.1 km GE: 5,840 welds 12.75" (10.3 mm, X65) - 71.2 km M: 334 welds 16.75" (14.3 mm, X65) - 4 km GL: 344 welds 4.5" (13.5 mm, X42) - 4.2 km M: 349 welds 12.75" (12.7 mm, X65) - 4.3 km GM: 366 welds 4.5" (13.5 mm, X42) - 4.5 km
2014	Swiber (P JW3000) for Cuu Long Joint Operating Com	Su Tu Nau Project Vietnam	<i>3 Saturnax stations</i> 541 welds 12.75" (9.53 mm, X65) - 6.6 km 902 welds 6.625" (11.1 mm, X65) - 11 km 781 welds 6.625" (9.53 mm, X65) - 9.5 km 828 welds 18" (14.3 mm, X65) - 10 km 836 welds 10.75" (9.3 mm, X65) - 10.2 km 828 welds 10.75" (14.3 mm, X65) - 10 km 607 welds 14" (11.1 mm, X65) - 7.4 km
2014	Essar Constructions Overseas (Nand Gaurav) for Technip	Essar KGOC UAE	<i>2 Saturnax stations</i> 3,500 welds 12.75" (9.5 mm, X60) - 48km
2014	Permaducto (Fenix) for Pemex	Kuil B Offshore Mexico	<i>4 Saturnax stations</i> 2,250 welds 24" (17.4 mm, X65) - 27.3 km 150 welds 24" (20.6 mm, X65) - 1.7 km
2014	Vinh Nam joint Stock Cy for Vietsovpetro	Nam Con Son Vietnam	11.85 km 26" (19.1 mm)
2014	TL Offshore (SK1200) for Petrovietnam	NCS-DH Vietnam	<i>5 Saturnax stations</i> 1,582 welds 16" (15.9 mm, X65) - 19.3 km 2,460 welds 26" (19.1 mm, X65) - 30.0 km 10,041 welds 26" (19.1 mm, X65) - 122.5 km
2014	Technip (G1201) for Petronas	SK316 Malaysia	<i>5 Saturnax stations</i> 82 welds 32" (25.4 mm, X65) - 1 km 488 welds 32" (20.6 mm, X65) - 5.95 km 5,621 welds 32" (17.5 mm, X65) - 68.57 km
2014	Technip (G1200) for BG	Starfish GoM	<i>4 Saturnax + 1 Manual stations</i> 798 welds 14" (20.6 mm, X65) - 9.73 km
2014	Technip (G1200) for LLOG	Delta House GoM	<i>4 Saturnax + 1 Manual stations</i> 4,045 welds 16" (18 mm, X65) - 49.3 km 3,943 welds 12.75" (14.5 mm, X65) - 48.1 km
2014	Petrobras (BGL-1) for Petrobras	Emissario Production Brazil	<i>3 Saturnax stations</i> 450 welds 26" (19.05 mm, X65) Sweet service Full-service Welding & NDT & FJC
2014	TL Offshore (LTS3000) for BGEPIIL	BG India	<i>4 Saturnax stations</i> 328 welds 6" (15.9 mm, DNV 415 SD) - 4 km 2,488 welds 14" (19.1 mm, DNV 415 SD) - 30.36 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2014	Subsea 7 (<i>Borealis</i>) for Anadarko	Heidelberg USA	<i>1 Saturnax station</i> 375 welds 8" (35.8 mm, X70) - SCR 572 welds 8" (35.8 mm, X70) - FL 84 welds 16" (22.22 mm, X65) - SCR 90 welds 16" (22.2 mm, X65) - FL 83 welds 16" (23.8 mm, X65) - SCR 447 welds 16" (23.8 mm, X65) - FL All J-Lay
2014	Nippon Steel & Sumikin Eng. (<i>Kuroshio II</i>) for Carigali Hess	Bulan C Thailand/Malaysia	<i>3 Saturnax stations</i> 1,355 welds 24" (19.05+3 mm CRA) X65/SS316L - 16.525 km
2014	Van Oord (<i>Stingray</i>) for Saipem for Petrobras	Rota Cabiunas 2 Brazil	<i>3 Saturnax stations</i> 18.4 km 24" (28.6 mm, X65) Sour class 2
2014	Geocean <i>TBA</i> for -	Seme Benin	<i>3 Manual stations</i> 1,125 welds 8" (12.7 mm) 675 welds 20" (11.1 mm)
2014	Aker Offshore Partner for Talisman Sinopec	Flyndre Cawdor Conduc UK	<i>2 Manual stations</i> Offshore welding of Conductor Riser and 8" Spool fabrication: 8 welds 8" (18.1 mm, 25% Cr) 8 welds 6" (14.3 mm, 25% Cr) 8 welds 4" (11.1 mm, X65) All welds in 2G position 10 welds 8" (18.1 mm, 25% Cr) for the spool in 5G position Full-service Welding & NDT & FJC
2014	West African Ventures Ltd (<i>Jascon 2</i>) for Chevron	Escravos Nigeria	<i>2 Saturnax stations</i> 984 welds 8.625" (11.1 mm, X52) - 12 km 1,248 welds 6.625" (11 mm, X42) - 15.2 km 200 welds 6.625" (14.3 mm, X42) - 2.4 km 838 welds 20" (12.7 mm, X52) - 10.9 km All sweet service
2013	PT Timas Suplindo (<i>Timas DLB01</i>) for Petronas	Burkit Tua Development Indonesia	<i>4 Saturnax stations</i> Export pipeline (auto): 5,537 welds 12.75" (9.5 mm) - 70 km 3,279 welds 12.75" (10.3 mm) - 40 km Infield pipeline (manual): 57 welds 16" (9.5 mm) - 0.7 km 57 welds 12.75" (10.3 mm) - 0.7 km 57 welds 8.625" (11.1 mm) - 0.7 km
2013	Talisman Sinopec Energy (<i>Arbroath Platform</i>) for -	Arkwright Riser Offshor UK (Noth Sea)	<i>1 Manual station</i> Offshore Riser Welding: 1 no. 8" (12.7 mm, 25Cr) - production Riser 1 no. 4" (8.6 mm, X65) - Gas Lift Riser 1 no. 8" (12.7 mm, X52) - Control Umbilical J Tube 1 no. 2" (8.7 mm, X52) - Power Cable J Tube
2013	Bumi Armada (<i>DLB Armada Installer</i>) for Lukoil	Filanovsky Russia	<i>3 Saturnax stations</i> 3,279 welds 16" (17.5 mm, X65) - 40 km 3,279 welds 12" (11.1 mm, X65) - 40 km 42 welds 4.5" (14.3 mm, X52) - 0.5 km Welding & NDT
2013	Swiber (<i>Conquest</i>) for Conoco Philips	SBL Indonesia	1,476 welds 14" (11.1 mm) - 18 km 328 welds 8.625" (7.9 mm) - 3.9 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2013	Swiber (Conquest) for Premier Oil	NAG Indonesia	Naga - GBCPP: 1,476 welds 14" (19.1/17.5 mm) - 18 km WPN3 - MWPN: 2,566 welds 12" (15.9/17.5 mm) - 31.3 km
2013	Technip for Williams Partners	Williams Tubular Bells USA	1 auto +1 manual stations Seeded Defect Program: 3 Manual V Prep w/ 16 defects per weld 12.75" (20.6 mm, X65) 3 Automatic J Prep w/ 16 defects per weld 12.75" (20.6 mm, X65)
2013	Worley Parsons Group (Marlin platform) for BP	BP Marlin USA	Manual welding Flex joint: 14" X60 to 14" F-60 Pipe to Flange Material 10" X60 to 10" F-65 Pipe to Flange Material
2013	TL Offshore (E3) for EMEPMI	Tapis & Damar Malaysia	3 Saturnax stations 3.9 km 14" (20.6 mm, DNV Gr450) 3.9 km 10" (18.3 mm, DNV Gr450) 4 km 6" (8.7 mm, DNV Gr450) 21 km 16" (11.1+3mm, DNV450 + Incoloy 825 liner + Overlay 625) 1 km 16" (14.3+3mm, DNV450 + Incoloy 825 liner + Overlay 625)
2013	Technip (G1201) for COOEC	LH19 China	1 Saturnax station Inner pipe: 921 welds 13.63" (23.8 mm, X70) - 11.24 mm Outer pipe: 921 welds 18" (12.7 mm, X70) - 11.24 mm Sweet service conditions
2013	Technip (G1200) for Williams	Williams Discovery Junc USA	4 Saturnax stations 1,295 welds 12" (15.9 mm, X65) - 15.8 km 680 welds 30" (22.2 mm, X65) - 8.3 km 459 welds 30" (25.4 mm, X65) - 5.6 km All sweet services
2013	Van Oord Offshore (Stingray) for CPC	CPC Shalung Project Taiwan	3 Saturnax stations 381 welds 42" (22.2 mm) - 4.64 km
2013	Petrobras (BGL-1) for Petrobras	BGL Season 1 Brazil	3 Saturnax stations TRBA line (sweet service): 1,350 joints 28" (15.88 mm, DNV450 Mpa) 10 joints 28" (19.05 mm, DNV450 Mpa) CLAROS line (sweet service): 110 joints 20" (19.05 mm, X65) 1,500 joints 20" (12.7 mm, X65) EMISSARIO line (sweet service): 200 joints 26" (19.05 mm, X65) OLEO line (sour service): 1,250 joints 12" (15.88 mm, X65)
2013	Van Oord Offshore (Stingray) for S-Oil Corporation	S-Oil Pipeline Installati South Korea	3 Saturnax stations Subsea Pipeline-Flowline: 262 welds 42" (18.26 mm,) - 3.2 km
2013	West African Ventures (Jascon 30) for NPDC	Okpoho Okono Nigeria	2 Saturnax stations 1,042 welds 16" (12.7 mm, X65) - 12.5 km 84 welds 16" (15.9 mm, X65) - 1 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2013	Subsea 7 (Seven Borealis) for Pemex	Pemex Line 60 USA	5 Saturnax stations 20 welds 36" (28.575 mm, X52) 1,431 welds 36" (23.825 mm, X52) All sour service
2013	Technip (Deep Blue) for Williams	Williams Tubular Bells USA	1 station Offshore SCR tie-ins 2 welds 12.75" (20.6 mm, X65) Manual GTAW/PGMAW - 2 G
2013	West African Ventures (Jascon 2 & Jascon 30) for Chevron	EGP 3A Nigeria	2 + 2 Saturnax stations Jascon 2: 754 welds 24" (12.7 mm, X52) - 9.2 km Jascon 30: 1,517 welds 24" (14.3 mm, X65) - 18.5 km
2013	Swiber (Resolute) for Total	SSN Indonesia	4 Saturnax stations 492 welds 16" (17.5 mm) - 6 km 656 welds 16" (17.5 mm) - 8 km 286 welds 20" (17.5 mm) - 3.5 km
2013	Subsea7 (Seven Borealis) for Pemex	Pemex Line 67 USA	5 Saturnax stations 31 welds 30" (25.4 mm, X52) 658 welds 30" (22.2 mm, X52) 5G - Sour service
2013	GSP (GSP-Falcon) for EON	Hunter The Netherlands	3 Saturnax stations 660 welds 8.625" (18.3 mm, X65) - 8 km
2013	Leighton Welspun Contractors for ONGC	PRP3 India	4 Saturnax stations 663 welds 6.625" (7.9 mm, X60) - 8.08 km 303 welds 6.625" (7.9 mm, X60) - 3.68 km 319 welds 6.625" (7.9 mm, X60) - 3.88 km 290 welds 6.625" (7.9 mm, X60) - 3.53 km 758 welds 12.75" (15.9 mm, X60) - 9.24 km 1,077 welds 12.75" (15.9 mm, X60) - 13.13 km 448 welds 12.75" (15.9 mm, X60) - 5.45 km 762 welds 12.75" (14.3 mm, X60) - 9.30 km 634 welds 12.75" (14.3 mm, X52) - 7.72 km 203 welds 6.625" (11.0 mm, X60) - 2.47 km 216 welds 6.625" (11.0 mm, X60) - 2.62 km 228 welds 8.625" (12.7 mm, X52) - 2.77 km 476 welds 10.75" (14.3 mm, X60) - 5.80 km
2013	Swiber (Conquest) for Brunei Shell Petroleum	BBO Brunei	Bulan Bulan: 451 welds 16" (16 / 12.5 mm) - 5.5 km 451 welds 12" (18.5 / 16 mm) - 5.5 km Osprey: 1,459 welds 16" (20 / 16 mm) - 17.8 km 672 welds 10" (16 / 14.2 mm) - 8.2 km
2013	Nippon Steel (Kuroshio 1) for Carigali Hess	Bulan-B & Bumi-D Malaysia/Thailand	3 Saturnax stations 6.414 km 16" (11.1+3 mm, X65+SS316L) - BLB TO BLA 9.3 km 20" (15.09+3 mm, X65+SS316L) - BMD to BMB
2013	Subsea 7 (Seven Borealis) for BP	Block 31 GES Angola	4 Saturnax stations 4,590 welds 12.75" (19.1 mm, X65) - 56 km Sour service level 3

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2013	TL Offshore (QP2000) for Murphy Oil	MOC 2013 Project Malaysia	4 Saturnax stations PRPA to SAPA: 40 km 10" (12.7 mm, X52) SAPA to SEPA: 15.3 km 16" (12.7 mm, X52) SAPA to S. PLEM: 17 km 8" (12.7 mm, X52) BESA to SNPA: 8 km 16" (12.7 mm, X52)
2013	CalDive (Sampson) for Pemex	Pemex Line 4, 7 & 9 USA	4 Saturnax stations S-Lay - Total of approx 4,118 welds: 20" (14.27 mm, X52) 20" (17,48 mm, X52) 12.75" (11.13 mm, X52) All sour service
2012	Grup Servicii Petroliere (GSP) (Falcon) for PERENCO	Leman UK	3 Saturnax stations 770 welds 8.625" (12.7 mm, X65) - 9.2 km
2012	Larsen & Toubro (LTS 3000) for PTTEPI	Zawtika L&T Myanmar	4 Saturnax stations 823 welds 18" (17.5/19.1 mm), X65) - 10 km 912 welds 18" (17.5/19.1 mm), X65) - 11 km
2012	Technip (G1200) for Tullow Oil	Jubilee Phase 1A Ghana	4 Saturnax stations 1,414 welds 12.75" (23.8 mm, X65) - 16.8 km Tie-in 2G : 4 welds 12.75" (23.8 mm) Full-service Welding & NDT & FJC
2012	Swiber (Concorde) for Pemex	Pemex Line 5 Mexico	1 Saturnax station 6,234 welds 36" (19.1 mm, X65) - 76 km 77 welds 36" (27 mm, X65) - 0.94 km
2012	GSP (Falcon) for Wintershall	Q4-C The Netherlands	3 Saturnax stations 2,500 welds 10,75" (14,3 mm, X52) - 31km
2012	Technip (Deep Blue) for ATP	ATP Clipper USA	Tie-in welds: 8.625" (11.1 mm, X52) - 2G manual welding 5.563" (12.7 mm, X65)
2012	Swiber (Conquest) for Pearl Oil	RUBY Indonesia	4 Saturnax stations Export line: 25,574 welds 14" (11.1 mm, X65) - 312km
2012	Swiber (PJW3000) for PTTEP	ZSW Myanmar	4 saturnax stations 12 welds 28" (26.97 mm, X65) - 0.15 km 1,299 welds 28" (22.23 mm, X65) - 15.8 km 328 welds 28" (20.62 mm, X65) - 4 km 3,852 welds 28" (20.62 mm, X65) - 47 km 12,460 welds 28" (19.05 mm, X65) - 152 km
2012	COOEC (HYSY 201) for Husky	Liwan Deep Water 6" China	79.1 km 6" (15.9 mm)
2012	Technip (G1201) for Dubai Petroleum	Falah Field UAE (Dubai)	5 Saturnax stations 602 welds 12" (12.7/19.1 mm, X60) 668 welds 18" (28.6/32 mm, X60) 220 welds 30" (19.1/25.4 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2012	Swiber (IMAS) for ONGC	CL7 India	<p>4 Saturnax stations</p> <p>WO-24 to B192-1: 1,484 welds 8" (12.7 mm) - 18.1 km</p> <p>WO-24 to B192-5: 2,099 welds 10" (12.7 mm) - 25.6 km</p> <p>B192-1 to B192-5: 598 welds 14" (15.9 mm) - 7.3 km</p> <p>B192-5 to B192-1: 762 welds 6" (7.9 mm) - 9.3 km</p> <p>B192-5 to B192-1: 672 welds 6" (11.0 mm) - 8.2 km</p> <p>B192-5 to B192-8: 828 welds 6" (7.9 mm) - 10.1 km</p> <p>B192-5 to ICG : 3,787 welds 16" (17.5 mm) - 46.2 km</p> <p>PLEM to B192-5 : 131 welds 6" (11.1 mm) - 1.6 km</p> <p>B192-5 to PLEM: 131 welds 12" (14.3 mm) - 1.6 km</p> <p>B192-5 to PLEM: 131 welds 10" (12.7 mm) - 1.6 km</p> <p>B192-8 to B192-5: 869 welds 12" (14.3 mm) - 10.6 km</p> <p>PLEM to B192-5: 131 welds 10" (12.7 mm) - 1.6 km</p> <p>PLEM to B192-5: 131 welds 6" (7.9 mm) - 1.6 km</p> <p>BHE to SHP: 975 welds 12" (14.3 mm) - 11.9 km</p> <p>MNW to N-15: 525 welds 12" (11.1 mm) - 6.4 km</p> <p>B192-5 to PLEM: 131 welds 12" (14.3 mm) - 1.6 km</p> <p>All sour service</p>
2012	Technip (Deep Blue) for Petrobras	Cascade 2B USA	<p>1 manual station</p> <p>6.625" (19.05 mm, X65) flowline:</p> <ul style="list-style-type: none"> - 1 welds to connect the pipeline to the 1st PLET - 1 weld to connect the pipeline to the 2nd PLET
2012	Geocean for Total EPC	South Mahakam Project Indonesia	<p>2 Saturnax stations</p> <p>900 welds 24" (14.3 mm, X65)</p>
2012	TL Offshore (QP2000) for MOC	Serendah & Patricia Malaysia	<p>3 or 4 Saturnax stations</p> <p>WPPA to PTSA Multiphase pipeline: 13.5km 8" (12.7 mm, X52)</p> <p>SNPA to WYE1 crude/condensate pipeline: 8km 8" (12.7 mm, X52)</p> <p>SNPA to WYE2 gas pipeline: 7.6 km 20" (12.7 mm, X52)</p>
2012	Technip (G1201) for COEEC	LIW China	<p>5 Saturnax stations</p> <p>Base Case:</p> <ul style="list-style-type: none"> 42 welds 30" (30 mm, X65) - 0.5km 786 welds 30" (28.6 mm, X65) - 9.5km 6,447 welds 30" (30.2 mm, X65) - 78km 2,728 welds 30" (28.6 mm, X65) - 33km 2,067 welds 30" (28.6 mm, X65) - 25km 1,158 welds 30" (28.6 mm, X65) - 14km <p>Option:</p> <ul style="list-style-type: none"> 2,645 welds 30" (28.6 mm, X65) - 32km 662 welds 30" (30.2 mm, X65) - 8km
2012	Technip (G1200) for PDVSA	PDVSA Dragon Venezuela	<p>4 Saturnax stations</p> <p>1,510 welds 16" (22.2 mm, X65)</p> <p>Sour Service</p>
2012	Allseas (Audacia) for Petro SA	CRA Project South Africa	<p>330 welds 12.75" (25.2 mm)</p> <p>Cladded pipe X65/Inconel 825</p>

Date	Contractor <i>(vessel if offshore)</i> Operator	Project Country	Number of Welding Stations Pipelines welded
2012	Global Offshore <i>(Hercules)</i> for Pemex	IXTOC 1 Chuhuk Mexico	<i>4 Saturnax stations</i> 1,294 welds 24" (20.6 mm, X52) - Sour service 1,467 welds 16" (12.7 mm, X60) - Sour service
2012	TL Offshore <i>(E3)</i> for EMEPMI	Tapis Malaysia	<i>4 Saturnax stations</i> 3.6 km 10" (9.3 mm, CS, DNV Gr450) 4.0 km 10" (18.3/15.9 mm, CS, DNV Gr450) 5.6 km 12" (22.2/17.5 mm, CS, DNV Gr450) 6.0 km 14" (20.6/17.5 mm, CS, DNV Gr450) 5.8 km 16" (22.2/19.1 mm, CS, DNV Gr450) 1.6 km 18" (19.1/14.3 mm, CS, DNV Gr450) 1.7 km 18" (19.1/14.3 mm, CS, DNV Gr450) 9.3 km 18" (23.8/19.1 mm, CS, DNV Gr450)
2012	Subsea 7 <i>(Seven Borealis)</i> for Total E&P	Clov Angola	<i>3 Saturnax stations</i> J-LAY : 1,429 welds 12.75" (22.2 mm, X65) - 34.3 km 982 welds 12.75" (18.3 mm, X65) - 23.7 km 1,051 welds 12.75" (15.9 mm, X65) - 25.7 km 1,481 welds 10.75" (14.3 mm, X65) - 36.1 km S-LAY : 1,270 welds 12.75" (15.9 mm, X65) - 31 km 7 welds 12.75" (22.2 mm, X65) - 0.17 km
2012	TL Offshore <i>(LTS 3000)</i> for EMEPMI	Telok Malaysia	<i>4 Saturnax stations</i> Guntong-E to Telok-A Pipeline : 27 km 28" (29.4/22.2 mm, DNV GR450)
2012	Swiber <i>(Concorde)</i> for Brunei Shell Petroleum	Danau Bubut Brunei	<i>4 Saturnax stations</i> 21 km 12.75" (25.4 mm)
2012	TL Offshore <i>(LTS3000)</i> for Carigali Hess	Bumi-B & Cakerawala-D Malaysia/Thailand	<i>3 Saturnax stations</i> 525 welds 24" (14.3 mm, X65 + 3mm 316L) 320 welds 10.75" (9.27 mm, X65 + 3mm 316L)
2012	Geocean for Total EPC	Ruby Project Indonesia	<i>2 Saturnax stations</i> 900 welds 14" (11.1 mm, X65)
2012	PT Timas <i>(TBA)</i> for Conoco Phillips	Bawal Indonesia	<i>4 Saturnax stations</i> 39.5 km 14" (14.3 mm, X60)
2012	Global Industries <i>(Iroquois)</i> for Petrobras	Ubarana-UGG Brazil	<i>4 Saturnax stations</i> 19 km 20" (12.7 mm, X65) 5.5 km 12" (16.5 mm, X65)
2012	Seatrucks Group <i>(Jascon 34)</i> for Total	Anguille Gabon	<i>2 Saturnax stations</i> 2,626 welds 18" (14,3 mm, X52) - 32 km Full-service Welding & NDT & FJC
2012	SASB <i>(S3000)</i> for CNOCC	LH4 China	<i>1 Saturnax station</i> Carrier pipe - Inner : 1,008 welds 18" (15.9 mm, X65) - 12.3 km Jacket pipe - Outer : 927 welds 22" (15.9 mm, X65) - 11.3 km Buckle Arrestor pipe - Outer : 74 welds 22" (25.4 mm, X65) - 0.878 km
2012	COOEC <i>(DLB Lanjiang)</i> for CNOOC	WZ 12-1 China	<i>1 Saturnax station</i> 21 km 18"/22", X65 pipe-in-pipe

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2011	Swiber (P JW3000) for ONGC	North Tapti India	1 Saturnax station 1,968 welds 18" (15,9 mm, X60)
2011	Acergy (Acergy Falcon) for GDF Suez	GDF Suez G16a UK (Wingate Field)	3 Saturnax stations 1,132 welds 14" (20.6 mm, X52) - 13.8 km
2011	TL Offshore for Shell & Petronas	F23 (PB-2011) Malaysia	2,500 welds 16" (20 mm & 22,2 mm, X65) 81 welds 16" (20 mm, X65+3mm CRA UNS clad 825) 2,131 welds 24" (16 mm & 25,4 mm, X65)
2011	Acergy (Polaris & Antares) for Chevron Nigeria Ltd	EGP3B Nigeria	2 x 3 Saturnax stations 24 km 16" (11,9 mm, ERW X65) (Polaris: 505 welds - Antares: 3,410 welds) 11,2 km 18" (11,9 mm, ERW X65) (Polaris: 663 welds - Antares: 218 welds) 37,9 km 20" (14,3 mm, DSAW X65) (Polaris: 728 welds - Antares: 2,313 welds) 0,1 km 20" (17,5 mm, DSAW X65) (Polaris: 8 welds) 25,6 km 22" (12,7 mm, ERW X65) (Antares: 1,976 welds) 14,6 km 28" (15,9 mm, DSAW X65) (Polaris: 1,159 welds)
2011	Subsea 7/Odebrecht Oi & Gas (Polaris) for Petrobras	GSNC Gas Export Pipeli Brazil	3 Saturnax stations 12,343 welds 18" (17 mm, X65) 41 welds 18" (19 mm, X65) All sour gas
2011	Acergy (Polaris) for Exxon	OSO Nigeria	3 Saturnax stations 401 welds 12.75" (14,3 + 3mm Clad 825/625) - 4.8 km 115 welds 10.75" (12,7 + 3mm, X60 + Clad 825/625) - 1.4 km 649 welds 16" (11,9 + 3mm, X60 + Clad 825/625) - 7.9 km
2011	Globestar/Subsea 7 (Polaris) for Mobil	Satellite Field Nigeria	3 Saturnax stations OYOT Export Line: 574 welds 12.75" (11.1 mm, X65) - 7 km ABANG Export Line: 1,352 welds 16" (12.7 mm, X65) - 17 km ITUT Export Line: 1,328 welds 16" (12.7 mm, X65) - 16.2 km
2011	Kito Enterprises (C-Master) for IOOC	Reshadat Iran	4 Saturnax stations Aboozar & Nowrooz: 352 welds 16" (12.7 mm, X60) - Sweet service 246 welds 10.75" (12.7 mm, X60) - Sweet service Reshadat Part I: 350 welds 10.75" (12.7 mm, X60) - Sweet service 93 welds 10.75" (14.3 mm, X60) - Sweet service 333 welds 8.625" (14.3 mm, X60) - Sweet service 90 welds 8.625" (15.9 mm, X60) - Sweet service Ilam & Salman: 246 welds 14" (15.9 mm, X60) - Sour service 305 welds 10.75" (18.2 mm, X60) - Sweet service 82 welds 10.75" (15.9 mm, X60) - Sweet service 360 welds 8.625" (18.2 mm, X60) - Sweet service 82 welds 8.625" (15.9 mm, X60) - Sweet service Reshadat part II: 181 welds 16" (20.6 mm, X60) - Sweet service 91 welds 16" (23.8 mm, X60) - Sweet service

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2011	SapuraAcergy (Sapura 3000) for Shell	Gumusut J-Lay Malaysia	<i>1 Saturnax station + 2 SMAW-GSFCAW</i> Flowlines: 860 welds 8,625" (20.6 mm, X65) - Sour service 119 welds 10,75" (20.6 mm, X65) - Sour service 200 welds 12,75" (25.4 mm, X65) 71 welds 18" (20.6 mm, X65) 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) Welding & NDT
2011	Swiber (PJW3000) for Offshore Oil Engineering Co.	LF13 China	<i>1 Saturnax station</i> Inner pipe : 1,000 welds 12" (12.7 mm, X70) - 12 km Outer pipe : 1,000 welds 16" (14.3 mm, X65) - 12 km Bulkhead every 500m
2011	Timas (Java Constructor) for Migas	Terang Sirasun Batur Indonesia	<i>3 Saturnax stations</i> 2,049 welds 18" (12.7 mm, X65) - 25 km 820 welds 20" (15.9 mm, X65) - 5.2 km
2011	Marathon Oil (Apache) for BP	East Brae Riser UK (East Brae)	<i>3 manual stations</i> Devenick Tie-back to East Brae project : Production riser: 10 welds 10" (30 mm, 25%Cr) External coating: 70mm insulation FJC system, Canua KLNN HSS Methanol riser: 10 welds 3" (15.24 mm, X65) External coating: 3-LPP FJC system, Canua KLNN HSS
2011	Acergy (Acergy Falcon) for Wintershall	Wintershall Wingate UK (Wingate Field)	<i>3 Saturnax stations</i> 1,681 welds 12" (15.9 mm, X65) - 20.5 km
2011	Global Industries (DLB264) for NewField	Tinggi-A/Tiong-A Malaysia	<i>3 Saturnax stations</i> 2,049 welds 10.75" (9.3 mm, X65) - 25 km
2011	SapuraAcergy for PTTEP Australia	Montara Development Australia	<i>4 Saturnax stations</i> 116 welds 14" (15.9 mm, DNV GR450 II) 114 welds 14" (15.9 mm, DNV GR450 II) 1,297 welds 14" (20.6 mm, DNV GR450 II) 427 welds 10.75" (20.6 mm, DNV GR450 II) 200 welds 6.625" (12.7 mm, DNV GR450 II) 113 welds 6.625" (11.0 mm, DNV GR450 II) All sweet service
2011	Kito Enterprises (C-Master) for IOOC	Foroozan Iran (Persian Gulf)	<i>4 Saturnax stations</i> 1,035 welds 24" (14.3 mm, X52) - 13 km 1,449 welds 18" (12.7 mm, X52) - 18.1 km 1,564 welds 8.625" (12.7 mm, X52) - 20 km 412 welds 6.625" (12.7 mm, X52) - 4.9 km 604 welds 4.5" (14.4 mm, X52) - 7.3 km All severe sour service

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2011	Swiber (Conquest) for ONGC	B-193 / D1 India	4 Saturnax stations D pipelines : 380 welds 12.75" (15.9 mm) - 9.8 km 134 welds 16" (17.5 mm) - 1.7 km 803 welds 14" (15.9 mm) - 4.9 km B193 pipelines : 408 welds 12.75" (14.3 mm) - 5 km 634 welds 8.625" (12.7 mm) - 7.8 km 1,399 welds 12.75" (14.3 mm) - 16.8 km 1,377 welds 10.75" (14.3 mm) - 16.7 km 1,927 welds 12.75" (14.3 mm) - 23.6 km 2,324 welds 16" (17.5 mm) - 28.5 km 1,717 welds 12.75" (15.9 mm) - 21 km 44 welds 20" (20.6 mm) - 0.56 km D1 lines in continuity: 380 welds 12.75" (15.9 mm) - 9.9 km 796 welds 14" (15.9 mm) - 4.9 km 134 welds 16" (17.5 mm) - 1.7 km
2011	Global Industries (DLB264) for PCSB	PA11 - DLB264 Malaysia	4 Saturnax stations KUMANG PIPELINE - 4.8 km 394 welds 24" (19.1 mm) KINABALU PIPELINE - 141.8 km 148 welds 18" (14.3 mm) 11,475 welds 24" (15.9 mm) 30 welds 24" (22.2 mm)
2011	Subsea 7 (Subsea 7 Falcon) for Dana	Dana Medway UK	3 Saturnax stations 976 welds 8.625" (18.3 mm, X65) - 11.9 km
2011	Acergy (Falcon) for Wintershall	Wintershall K18 UK	3 Saturnax stations 820 welds 8" (19.1 mm, X65) - 10 km
2011	TL Offshore (QP2000) for Shell & Petronas	F28 Malaysia	4 Saturnax stations 26 km 24" (16 & 25,4 mm, X65)
2011	Global Industries (G1200) for Dubai Petroleum	Jalilah UAE	3 Saturnax stations 12 welds 6,625" (9,5 mm, X60) 2,189 welds 6,625" (8,7 mm, X60) 11 welds 12,75" (11,1 mm, X60) 2,206 welds 12,75" (9,5 mm, X60)
2011	TL Offshore (LTS 3000) for Petrofac	Berantai Malaysia	4 Saturnax stations ANDR-A to PLET Gas Export Pipeline: 30 km 12" (15.9 mm, CS)
2011	Technip (Deep Blue) for BHP	Shenzi W.I. USA	1 manual station Completion of offshore Tie-Ins: 6.625" x 18.26 mm - SCR 10.75" x 29.46 mm - SCR 10.75" x 25.4 mm - Flowline
2010/2011	SapuraAcergy (Sapura 3000) for Apache Energy	Devil Creek Australia	4 Saturnax stations 91 km 16" (15,9 mm, X65) - 7,213 welds (2 barges : Sapura 3000 / Leighton Stealth)
2010	Acergy (Polaris) for Angola LNG	Angola LNG Angola	3 Saturnax stations 1,419 welds 18" (23 mm, X65) 1,255 welds 22" (21 mm, X65) 1,296 welds 24" (29.6 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2010	Sigur Ros Sdn Bhd (DLB Armada Installer) for Petronas	Turkmenistan Block 1 Turkmenistan (Caspian Se	4 Saturnax stations 553 welds 12.75" (9.5 mm, X52) - 7.3 km 554 welds 12.75" (9.5 mm, X52) - 7.3 km 5,910 welds 12.75" (15.9 mm, X65) - 73 km 5,865 welds 26" (17.5 mm, X65) - 73 km
2010	Kito Enterprises (C-Master) for Gazprom	Olympia Russia (Black Sea)	4 Saturnax stations 153 km 20" (15 mm, X52) - 12,541 welds 4.5 km 6" (12 mm, X65) - 369 welds
2010	SapuraAcergy (Sapura 3000/Enterprise 3) for Shell	Gumusut S-Lay Malaysia	5 Saturnax + 3 SMAW-GSFCAW Enterprise 3: 1.9 km 18" (17.5 mm, X65) 37.1 km 18" (20.6 mm, X65) Sapura 3000: 127 km 18" (17.5 mm, X65) 31 km 18" (20.6 mm, X65) Buckle Arrestor in workshop: 38 buckle arrestor 18" (20.6 mm)
2010	Kito Enterprises (C-Master) for Petropars	South Pars 12 Iran	4 Saturnax stations 17,700 welds 32" (20.6 mm, X65) 177 welds 30" (15.9 mm, X52) 17,700 welds 4.5" (6 mm, X65) Sour service : 32" Sweet service : 30" and 4.5"
2010	Swiber (Swiber Conquest) for Myanma Oil & Gas Enterprise	Yadana Myanmar	4 Saturnax stations 146 km 24" (609.6 mm OD) x 13.6 mm, X65 3.34 km 24" (614.2 mm OD) x 15.9 mm, X65
2010	TL Offshore (QP2000) for EMEPMI	Petronas Package C-20 Malaysia	4 Saturnax stations 82 joints 12.75" (14.3 mm, X65 + 3 mm 825) 410 joints 12.75" (11.1 mm, X65 + 3 mm 825) 82 joints 12.75" (14.3 mm, X65 + 3 mm 825) 221 joints 12.75" (11.1 mm, X65 + 3 mm 825) 82 joints 12.75" (14.3 mm, X65 + 3 mm 825) 279 joints 12.75" (11.1 mm, X65 + 3 mm 825) 223 joints 12.75" (11.1 mm, X65 + 3 mm 825) 697 joints 10.75" (12.7 mm, X52)
2010	Swiber (Conquest + Concorde) for BSP	Selangkir Brunei	4 Saturnax stations 9.4 km 12" (12.5 mm, X65) - 771 joints 0.2 km 12" (14.2 mm, X65) - 16 joints 25.7 km 16" (14.2 mm, X65) - 2,107 joints 0.2 km 16" (16.0 mm, X65) - 16 joints 2.0 km 16" (20.0 mm, X65) - 164 joints
2010	Acergy (Polaris) for Total E&P Angola	Pazflor - Polaris Angola	4 Saturnax stations S-Lay: Line 1: 1,379 welds 8" (12.7 mm, X65) Line 2: 990 welds 8" (12.7 mm, X65) Intermediate sour service J-Lay: Line 1: 309 welds 8" (12.7 mm, X65) Line 2: 472 welds 10" (15.9 mm, X65) Line 3: 239 welds 10" (15.9 mm, X65) Sweet service
2010	Global Industries (DLB264) for PCSB	Petronas Package A-20 Malaysia	4 Saturnax stations 4,264 welds 24" (14.3 mm, X65) - Sour service 2,320 welds 24" (14.3 mm, X65) - Sour service 1,451 welds 16" (11.9 mm, X65) - Sour service
2010	Acergy (Polaris) for Total	Block 17 Angola	4 Saturnax stations 5,893 welds 24" (29.6 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2010	Swiber (PJW3000) for British Gas	PL Pipeline India	1 <i>Saturnax</i> station 656 welds 14" (16,4 mm, X60)
2010	TL Offshore (Enterprise 3) for Murphy Oil Company	Petronas Package B-20 Malaysia	4 <i>Saturnax</i> stations 68 km 20" (12.7 mm, X65) - 5,574 welds 49 km 8.625" (12.7 mm, x65) - 4,016 welds
2010	Swiber (Conquest) for ONGC	MHNRD India	4 <i>Saturnax</i> stations 21,6 km 14" (15,9 mm, X60) - 1,771 welds 21,5 km 12,75" (14,3 mm, X60) - 1761 welds 15,2 km 12,75" (14,3 mm, X52) - 1,253 welds 23,2 km 12,75" (12,7 mm, X60) - 1,901 welds 2,8 km 10,75" (12,7 mm, X60) - 228 welds 2,8 km 10,75" (12,7 mm, X52) - 261 welds 12,3 km 10,75" (11,1 mm, X60) - 1,009 welds 4 km 8,625" (12,7 mm, X60) - 328 welds 22,8 km 6,625" (7,9 mm, X60) - 1,867 welds
2010	PBJV (Faulkner) for PCSB	Kumang Shore Approac Malaysia	3 <i>Saturnax</i> stations 467 welds 28" (17.5 mm, X65) 40 welds 28" (23 mm, X65)
2009	Kito Enterprises (C-Master) for POGC	South Pars 15 & 16 Iran	4 <i>Saturnax</i> stations South Pars 15 : 107.82 km 32" (20.8 mm, X65) + 4.5" (6 mm, X52) - 8,838 welds 1 km 32" (28.8 mm, X65) + 4.5" (7.1 mm, X52) - 82 welds South Pars 16 : 111.71 km 32" (20.8 mm, X65) + 4.5" (6 mm, X52) - 9,157 welds 1 km 32" (28.8 mm, X65) + 4.5" (7.1 mm, X52) - 82 welds
2009	Cal Dive (DLB Sea Horizon) for HOEC	PY-1 India	4 <i>Saturnax</i> stations 4,376 welds 14" (12.7 mm, X60) - 53 km
2009	Acergy (Seaway Falcon) for Dong	Nini - Sirri North Sea	3 <i>Saturnax</i> + 3 manual stations 6.72 km 4" (11.1 mm) - GL 6.2 km 8.625" (18.3 mm) - Oil 38.27 km 10.75" (18.3 mm) - WL
2009	Acergy (Polaris) for ExxonMobil	AB15 Gas Gathering Angola	4 <i>Saturnax</i> stations S-Lay : 8,164 welds 18" (22.2 mm, X65) - 99.6 km 1,086 welds 10.75" (15.9 mm, X65) - 13.2 km 940 welds 10.75" (15.9 mm, X65) - 11.5 km All sour service J-Lay : 225 welds 18" (22.2 mm, X65) - 5.5 km 898 welds 16" (22.2 mm, X65) - 21.5 km 43 welds 16" (25.4 mm, X65) - 1.0 km - Fatigue sensitive, Single Hybride Riser All sour service
2009	Acergy (Acergy Polaris) for Total Gabon	Anguille Gabon	3 <i>Saturnax</i> stations 234 welds 12.75" (15.9 mm, X52) - 2.7 km Sweet service

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2009	Swiber (Swiber Conquest) for BSP	Mol & Bagan Brunei	4 Saturnax stations MOL Scope : 74.2 km 24" (14.2 mm, HF ERL 450 MC) 4.0 km 24" (20.0 mm, LSAW 450 MC) BUGAN scope : 2.7 km 12" (14.2 mm, HF ERWL 450 MC) 2.7 km 16" (14.2 mm, HF ERWL 450 MC)
2009	TL Offshore (Sapura 3000) for CPOC	CPOC Malaysia	4 Saturnax stations JKA to MDPP : 24 km 24" (15.9 mm) 9 km 24" (19.1 mm) 1 km 24" (22.2 mm) MDB to MDPP : 1 km 18" (20.6 mm) 7.2 km 18" (15.9 mm) MDC to MDPP : 2 km 18" (20.6 mm) 1.3 km 18" (15.9 mm) MDPP to FSO : 3.2 km 8.625" (9.5 mm)
2009	Acergy (Acergy Falcon) for Gaz de France / Suez	GdF E-17 Gas Installatio The Netherlands	3 Saturnax stations 2 km 12.75" (17.5 mm) - 164 welds
2009	Cal-Dive (Lonestar) for Pemex	Xanab-Yaxche 20" Mexico	3 Saturnax stations 1,250 welds 20" (19.05 mm, X65) Sour service
2009	Global Industries (DLB332) for Saudi Aramco	Qatif Saudi Arabia	Main line : 16" (15.9 mm, X60) - 305 welds HDD String : 16" (15.9 mm, X60) - 175 welds Lateral : 16" (15.9 mm, X60) - 28 welds
2009	Acergy (Acergy Falcon) for Statoil Hydro	Ormen Lange Southern Norway	3 saturnax stations 1,083 welds 6.625" (9.9 mm, SML450)
2009	Acergy (Falcon) for Hess	Hess Conger 4 & 9 Gulf of Mexico	2 or 3 welding stations 44 welds 6.625" (25.3 mm, X65)
2009	Swiber (Swiber Conquest) for Alam Maritime	West Lutong Malaysia	4 saturnax stations 11 km 18" (17.5 mm, X65)
2009	Swiber (Swiber Conquest) for Star Energy	Star Energy Indonesia	4 Saturnax stations 12 km 10.75" (12.7 mm, X65) 4.3 km 6.625" (12.7 mm, X65)
2009	Cal Dive (Sea Horizon) for COOEC	Weizhou China	1 Saturnax station + 3 STT-GSFCAW Pipe-in-pipe lines - *WZ6-8 WHPA to WZ12-1 WHPB (4.2 km) Inner pipe : 6.625" (11 mm, X65) Outer pipe : 10.75" (11.1 mm, X65) *WZ12-1PAP to WZIT (32.3 km) Inner pipe : 16" (17.5 mm, X65) Outer pipe : 22" (12.7 mm, X60)
2009	Global Industries (Comanche) for Transgasindo	TGI Indonesia	4 Saturnax stations 1737 welds 28" (15.9 mm, X65) - 23 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2009	Cal Dive (DLB Sea Horizon) for COOEC	Bohai China	<i>4 Saturnax stations</i> 1,088 welds 12" (12.7 mm, X65) - 13 km 533 welds 10" (11.1 mm, X65) - 6.5 km 84 welds 8" (12.7 mm, X65) - 1 km 3,550 welds 8" (9.5 mm, X65) - 43 km
2008/ 2009	Kito Entreprises (C-Master) for PEDCO	Sirri to Assalouyeh Iran	<i>4 Saturnax stations</i> 15,842 welds 32" (20.6 mm, X65) - 193 km Sour service
2008	TL Offshore (Sea Horizon+ Sapura 3000) for PCSB	TLO 2008 Malaysia	D35R-A to J4DP-A : 51.3 km 10,75" (9.3 & 12.7 mm, X65) B11DR-A to PC4DP-A : 22.3 km 12,75" (19.1 & 23.8 mm, X65) ANDR-A to TCOT : 164 km 24" (17.5 & 23.6 mm)
2008	Global Industries (Iroquois) for Petrobras	Camarupim Brazil	<i>4 Saturnax stations</i> 683 welds 24" (25.4 mm, X65) - 8 km 3,503 welds 24" (22.2 mm, X65) - 42 km All sour service conditions
2008	Swiber (Swiber Conquest & HD60) for Kodeco & Shell Brunei (BSP)	APECS 2007 (Kodeco/B) Indonesia & Brunei	<i>3 Saturnax stations</i> BSP lines: 112 welds 6.625" (10 mm, X60) 604 welds 8.625" (12.7 mm, X60) 1,213 welds 10.75" (10 mm, X60) 494 welds 8.625" (12.7 mm, X60) 1,214 welds 12" (14.3 mm, X60) 358 welds 12" (14.3 mm, X60) 497 welds 12" (14.3 mm, X60) Kodeco lines: 502 welds 12.75" (12.7 mm, X52) 1,645 welds 16" (11;1 mm, X52) 3,837 welds 16" (12.7 mm, X52) 69 welds 16" (14.3 mm, X52) Puteri lines: 1,086 welds 8.625" (9.5 mm, X65) 1,087 welds 8.625" (9.5 mm, X65) Talisman line: 2,791 welds 24" (12.7 mm, X65)
2008	SapuraAcergy (Sea Horizon & Sapura 3000) for Murphy Oil	Kikeh Gas Pipeline Malaysia	<i>4 Saturnax stations</i> Shallow Water: 130 welds 13,37" (27,3 mm, X65) 2,590 welds 12,75" (18 mm, X65) Deep Water: 8,369 welds 12,75" (18 mm, X65) Prefabrication Buckle Arrestors: 210 welds 12.75" (18 mm) All sour service
2008	Acergy (Polaris) for Chevron	AGBAMI Nigeria	<i>2 Saturnax stations</i> 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

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2008	Swiber for BG India	BG Hydra India	<i>SMAW & GTAW</i> Qualifications only : 504 joints 12" (15.4 mm, SMLS 415 I SD, non-sour) 1,098 joints 14" (16.4 mm, SMLS 415 I SD, non-sour) 12 joints 4.5" (6.4 mm, X65 Coil, piggy-back) 25 joints 4.5" (6.4 mm, X65 Coil, piggy-back) 6 joints 1.25" (4.8 mm, X65 Coil, piggy-back) 14 joints 1.25" (4.8 mm, X65 Coil, piggy-back)
2008	Acergy (LB200) for Petrobras	Mexilhao Shore Approac Brazil	<i>3 Saturnax stations</i> 1,778 ML welds 34" (28.6 mm, X60)
2008	Acergy (Acergy Polaris) for CABGOC & Chevron	Tombua Landana Angola	<i>3 Saturnax stations</i> 2,485 welds 14" (14.3 mm, X65) - 30.6 km 2,127 welds 18" (17.5 mm, X65) - 26.2 km
2008	Global Industries (DLB332) for Saudi Aramco	Berri Kingdom of Saudi Arabia	<i>4 Saturnax stations</i> 1,829 welds 30" (23.8 mm, X70) - 22.3 km 296 welds 16" (15.9 mm, X60) - 3.6 km 1,407 welds 12.75" (12.7 mm, X60) - 17.1 km All sour service
2008	TL Offshore (Lewek Champion) for PCSB	Lewek 2008 Malaysia	<i>4 welding stations</i> 3.3 km 18" (15.9 and 20.6 mm, X65) 8.2 km 18" (15.9 and 20.6 mm, X65) 34 km 24" (15.9 / 19.1 / 22.2 mm, X65)
2008	CalDive (Lone Star) for Suez	Neptune USA	<i>4 Saturnax stations</i> 1,735 welds 24" (14.2 mm, X 60) - 3.6 km
2008	Swiber (Swiber Conquest) for Conoco Philips	North Belut Indonesia	<i>3 or 4 Saturnax stations</i> 37 km 10.75"(11.1 mm, X65) 37km 16" (11.9 mm, X65) 10 km 22" (15.9 mm, X70)
2008	Swiber (Swiber Conquest) for Murphy	Golok Malaysia	<i>3or 4 Saturnax stations</i> 68 km(24" x 14.3 mm, X52) 4 km (20" x 12.7 mm, X52) 24 km (8.625" x 12.7 mm, X52) 6 km (6.625" x 9.5 mm, X52)
2008	Kito Enterprises (C-Master) for POGC	South Pars 1 Iran	<i>7 TIG welding stations</i> 531 welds 18" (12.8 mm) - 5 km 2.5 mm inconel 625 + 10.3 mm, X65
2008	Acergy (Falcon) for Marathon Petroleum	Volund EPIC Norway Sea	<i>3 Saturnax stations + 4 GTAW</i> 640 welds 12.75" (20.6 mm, SML415) 730 welds 4.425" (6 mm, SML415) Sour service
2008	Acergy (Acergy Piper) for Petrobras	Mexilhao Brazil	<i>7 Saturnax stations</i> 697 ML + 697 DJ welds 34" (31.8 mm, X60) 3,968 ML + 3,968 DJ welds 34" (28.6 mm, X60)
2007/ 2008	Global Industries (DLB264) for KGOCC & AGOC	Khafji FDP Ph. I Kingdom of Saudi Arabia	<i>4 Saturnax stations</i> 4.7 km 24" (14.3 mm, X65) 4.7 km 24" (14.3 mm, X65) 4.6 km 24" (14.3 mm, X65) 6.1 km 24" (14.3 mm, X65) 13.9 km 28" (15.9 mm, X65) 38.8 km 36" (17.5 mm, X65) 39 km 42" (20.6 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2007	Technip (Deep Blue) for Petrobras	PDET J-Lay Project Brazil	<i>1 Saturnax J-Lay</i> 367 welds 18" (17.5 mm, X60) - Flowline 181 welds 18" (19.1 mm, X60) - Flowline 125 welds 18" (22.2 mm, X60) - Flowline 355 welds 18" (25.4 mm, X60) - Flowline 145 welds 18" (28.6 mm, X60) - Flowline 31 welds 18" (15.9 mm, X65) - SCR
2007	Global Industries (DLB264) for BGEPIIL	Tapti Expansion India	<i>4 Saturnax stations</i> 1,743 welds 20" (19.1 mm, X60) - 22 km 6,114 welds 20" (15.9 mm, X60) - 75 km 308 welds 20" (15.9 mm, X60) - 4 km
2007	Acergy (Seaway Falcon) for Gaz de France Britain Ltd	Minke Field Developme North Sea (BG sector)	<i>3 Saturnax stations</i> 1,250 welds 8.625" (14.3 mm, X65) - 14.6 km 41 welds 8.625" (15.9 mm, X65) - 0.5 km
2007	Acergy (Polaris & Orion) for Total E&P Congo	Moho Bilondo Congo	<i>3 Saturnax stations</i> Seaway Orion : 275 welds 16" (15.9 mm, X65) Seaway Polaris : 6,015 welds 16" (15.9 mm, X65) 1,405 welds 8.625" (12.7 mm, X65) 1,430 welds 6.625" (14.3 mm, X65)
2007	Conduto (BGL-1) for Petrobras	Manaus Brazil	<i>3 Saturnax stations</i> 813 welds 20" (12.7 mm, X70) 442 welds 14" (12.7 mm, X70)
2007	Acergy (Falcon) for Statoil	Tyrihans 10" Norway (North Sea)	<i>3 Saturnax Stations</i> 3,531 welds 10" (22.25 mm, SML 450 ISFPD) 52 welds 10" (25.4 mm, SML 450 ISFPD)
2007	Acergy (Acergy Piper) for Statoil	Tyrihans Norway	<i>3 Saturnax stations</i> 596 DJ 16" (20.9+3 mm, X65 + 316L) 1,189 DJ 18" (20.9+3 mm, X65 + 316L)
2007	Acergy (Orion) for Exxon Mobil	OSO 12" repair Nigeria	<i>2 Saturnax stations</i> 4.5 km 12.75" (15.9 mm, X60)
2007	Acergy (Polaris) for BP	Greater Plutonio - OOL Angola	<i>2 Saturnax stations</i> 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
2007	Global Industries (DLB332) for Rakgas - Atlantis	Umm Al Qaiwain Field UAE	<i>4 Saturnax stations</i> 5,898 welds 14" (14.3 mm, X60) - 72 km 296 welds 14" (17.5 mm, X60) - 4 km
2007	Acergy (Falcon) for CNR International	Lyell UK (North Sea)	<i>3 Saturnax stations</i> 1,163 welds 12.75" (25.4 mm, X65) - 15.5 km
2007	Petrojet for BP	Taurt Phase II Egypt (Port Siad)	31 welds (22,2 mm, X65)
2007	PMS (PMS 11) for Gupco	Taurt Egypt	<i>3 Saturnax stations</i> 2,602 welds 20" (22.2 mm, X65) - 32 km Welding & NDT

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2007	Horizon Marine (Lonestar) for Spectra Energy	North East Gateway USA (Boston Bay)	3 Saturnax stations 1,525 welds 24" (12.7 mm, X65) 595 welds 24" (14.3 mm, X65) 160 welds 18" (14.3 mm, X65)
2007	Acergy (Acergy Falcon) for Bluewater	Tristan NW Field Dev. North Sea (UK)	3 Saturnax stations 1,190 welds 6.625" (11.1 mm, X65) - 15 km
2007	TL Offshore (Sea Horizon) for PCSB & EMEPMI	TLO 2007 Malaysia	3 Saturnax stations PCSB : 1,533 welds 18" (Betty to Barinia) 1,082 welds 8" (Penara to Puteri) 1,082 welds 8" (Puteri to Penara) 722 welds 12" (ANDP-D to ANDR-A) 722 welds 10" (ANPG-A to ANDP-D) EMEPMI : 434 welds 16" CRA Inconel (Jerneh A to Jerneh B) 1,665 welds 18" x 15.9 & 20.6 mm (Guntong)
2007	Horizon Offshore (Lonestar) for Pemex	Marsopa Mexico	3 Saturnax stations 2,611 welds 24" (11.1 mm, X52)
2007	Geocean (Orion) for Addax	Maritimex Nigeria	2 Saturnax stations 10.57 km 12.75" (19.1 mm, X52) 17.30 km 14" (15.9 mm, G. B)
2006/2007	Kito (IOEC) (C-Master/Abouzar 1200) for POGC	South Pars 9 & 10 Iran	4 Saturnax stations South Pars 10 (Abouzar 1200) : 7,309 welds 32" (20.6 mm, X65) - 90 km South Pars 9 (C Master) : 6,840 welds 32" (20.6 mm, X65) - 85 km
2006/2007	MRTS (Defender) for Megregiongaz (Lukoil)	Varandey Russia	3 Saturnax stations 3,053 welds 32" (20.5 mm, X70) -37 km
2006/2007	Conduto (BGL-1) for Petrobras	PDET Campos Brazil	3 Saturnax stations 2,272 welds 20" (17.5 mm, X60) - 27.6 km 346 welds 10" (12.7 mm, X60) - 4.3 km
2006/2007	Stolt Offshore (Seaway Polaris) for BP Angola	Greater Plutonio URF Angola	2 Saturnax stations 496 welds 12.75" (17.5 mm, X60) - 12 km 1,624 welds 12.75" (19.1 mm, X60) - 41 km 948 welds 12.75" (20.6 mm, X60) - 20 km
2006	TL Offshore (DLB264) for Sarawak Shell	B12 Malaysia (Sarawak)	3 Saturnax stations 0.810 km 14" (22.5 mm X65 + 3 mm Inconel 825) 8.930 km 14" (15.2 mm X65 + 3 mm Inconel 825)
2006	Acergy (Acergy Piper) for Conoco Philips	Eldfisk 24" Oil Pipeline North Sea	4 Saturnax stations 9.3 km 24" (25.0 mm, SAWL 450) - 388 welds
2006	TL Offshore (DLB264) for ExxonMobil	Tabu Malaysia (Peninsular)	4 Saturnax stations 1.07 km 16" (22.2 mm, X65) 2.80 km 16" (15.9 mm, X65) 1.00 km 28" (37 mm, X65) 6.10 km 28" (25.4 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2006	TL Offshore (Sea Horizon) for Petronas Carigali (PCSB)	PCSB 2006 Malaysia	3 Saturnax stations SFK-A to SJP-A : 1,475 welds 8.625" (10.0 mm, X65) 82 welds 8.625" (11.1 mm, X65) SJP-A to SFP-A : 1,557 welds 20" (15.9 mm, X65) West Lutong : 738 welds 18" (12.7 mm, X65) 82 welds 18" (14.3 mm, X65)
2006	IOEC (Jascon 5) for Pedco	Salman EPC-3 Iran	4 Saturnax stations 2,136 welds 30" (15.9 mm, X60) 224 welds 30" (17.5 mm, X60)
2006	Horizon Offshore (Lone Star) for Pemex	Kumaza-J Mexico	4 Saturnax stations 315 welds 20" (12.7 mm, X52) 262 welds 20" (14.3 mm, X52) 494 welds 24" (19.1 mm, X60) 925 welds 24" (19.1 mm, X60)
2006	Geocean (Mariam) for Total	Sisi Nubi Indonesia	2 Saturnax stations 19.4 km 26" (18.3 mm, X65) - 1,557 welds
2006	Nippon Steel (Kuroshio II) for Perusahaan Gas Negara	South Sumatra West Ja Indonesia	4 Saturnax stations 3,248 welds 32" (22.2 mm, X65) - 40 km 3,904 welds 32" (19.05 mm, X65) - 49 km
2006	Stolt Offshore (Seaway Falcon) for Norsk Hydro	Njord Norway	3 Saturnax stations 3,240 welds 13" (17.5 mmn SML 415 IFDUP)
2006	Oceanografia (DLB801) for Pemex	DLB801 - OSA36 Mexico	3 Saturnax stations 56 km 36" (19.1 mm, API 5L X52)
2006	Stolt Offshore (Seaway Falcon) for Conoco Phillips	Britannia Satellites UK (North Sea)	3 Saturnax stations 2,008 welds 12.75" (15.9 mm, L450QC) - 25 km 3,350 welds 12.75" (17.5 mm, L450QC) - 41 km 2,009 welds 6.625" (9.5 mm, L360QC) - 25 km
2006	IOEC (Abouzar 1200) for IOCL	Paradip India	4 Saturnax stations 1,596 welds 48" (20.6 mm, X65) - 19.7 km
2006	Stolt Offshore (Seaway Falcon) for Amerada Hess Corp.	Okume Equatorial Guinea	3 Saturnax stations 1,971 welds 12.75" (15.9 mm, X65) - 24.05 km 3,050 welds 10.75" (15.9 mm, X65) - 37.20 km 2,200 welds 8.625" (14.3 mm, X65) - 27.47 km 1,500 welds 6.625" (12.7 mm, X65) - 17.65 km
2006	Stolt Offshore (Seaway Falcon) for Norsk Hydro	MEG Norway (North Sea)	3 Saturnax stations 19,912 welds 6.625" (9.9 mm, X65) - 243 km
2005/2006	Conduto (BGL-1) for Petrobras	Golfinho Brazil	3 Saturnax stations 740 welds 12" (15.9 mm, X60) 41 welds 12" (20.6 mm, X60)
2005/2006	Stolt Offshore (DLB801) for BHP	Angostura Trinidad & Tobago	3 Saturnax stations 500 welds 30" (15.9 mm, X60) 6,925 welds 18" (12.7 mm, X60) 62 welds 18" (15.9 mm, X60)

Date	Contractor <i>(vessel if offshore)</i> Operator	Project Country	Number of Welding Stations Pipelines welded
2005/ 2006	Stolt Offshore <i>(Polaris)</i> for Exxon	Erha Nigeria	<p>1 Saturnax + 1 GTAW station (J-Lay) (auto STT root) 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)</p> <p>2 Saturnax stations (S-Lay) (auto STT root) 102 welds OLL 20" (22.2 & 28 mm, X60) 318 welds OLL 22" (19.8 mm, X60)</p> <p>2006 : ERHA NORTH (J-Lay auto STT root) 805 welds 10.75" (20.6 mm, X65) 320 welds 6.625" (15.9 mm, X65)</p>
2005/ 2006	Horizon Offshore <i>(Sea Horizon)</i> for WAGP	WAGP Ghana/Togo	<p>4 Saturnax stations</p> <p>45,270 welds 20" (11.2 mm, X70) - 564 km 1,210 welds 18" (10.1 mm, X70) - 17 km 184 welds 20" (16.1 mm, X70) - 2 km</p>
2005/ 2006	Stolt Offshore <i>(LB200)</i> for Statoil	Ormen Langeled Norway	<p>2 Saturne + 6 Saturnax stations</p> <p>2005 Season OLT South : 19,091 DJ 44" (23.3 mm, X65) 2006 Season OLT North : 20,789 DJ 42" (33 mm, X65)</p>
2005/ 2006	Global Industries <i>(Hercules)</i> for CNOOC	Panyu China	<p>4 Saturnax stations</p> <p>Year 2005 : 109 welds 12" (12.7 mm, X65) 8,697 welds 20.62" (14.3 mm, X65) - Buckle arrestors Year 2006 : 5,486 welds 20.62" (14.3 mm, X65) - Buckle arrestors</p>
2005	Stolt Offshore <i>(Orion / Polaris)</i> for Total	Amenam / Kpono Nigeria	<p>5 Saturnax stations</p> <p>Orion (Sour service): 903 welds 24" (22.2 mm, X65) 347 welds 24" (15.9 mm, X65)</p> <p>Polaris (sour service): 2,828 welds 24" (15.9 mm, X65) 336 welds 24" (22.2 mm, X65) 144 welds 18" (25.4 mm, X65)</p>
2005	Conduto <i>(BGL-1)</i> for Petrobras	Manati Brazil	<p>3 Saturnax stations</p> <p>4,687 welds 24" (12.7 mm, X60)</p>
2005	TL Offshore <i>(KP1 McDermott)</i> for Petronas Carigali (PCSB)	PCSB 2005 Malaysia	<p>3 Saturnax stations</p> <p>PCSB Semarang : 48 km 20" (11.1 mm, X65)</p> <p>PCSB MCOT Project : 2,787 welds 16" (12.7 mm) 82 welds 16" (14.3 mm) 820 welds 10.75" (11.1 mm) 148 welds 10.75" (11.1 mm)</p>
2005	Stolt Offshore <i>(Seaway Falcon)</i> for ATP Blue Water	L6 The Netherlands	<p>3 Saturnax stations</p> <p>3,200 welds 6.625" (14.3 mm, X52) - 39 km 89 welds 6.625" (18.3 mm, X52) - 1 km</p>

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2005	TL Offshore (DLB264) for Shell Sarawak	Shell 2005 Malaysia	4 <i>Saturnax</i> stations Shell Sarawak : 10.8 km 16" (14.2 mm, X65) 42.7 km 28" (22 to 35 mm, X65) 0.76 km 28" (20 mm, L360) Shell Brunei : 34.9 km 16" (15.9 & 17.5 mm, X65)
2005	Stolt Offshore (Orion / Polaris) for Mobil	EPC2B Nigeria	2 + 3 <i>Welding stations</i> Orion : 9,479 welds 12.75" (11.1 mm, X65) Polaris : 1,375 welds 12.75" (11.1 mm, X65) 2,493 welds 18" (17.5 mm, X65) 2,520 welds 20" (14.3 mm, X65) All sweet service
2005	Technip (DeepBlue) for ENI	K2 USA	1 <i>Saturnax</i> station (2G position) 83 quad joints 7.625" (26.9 mm, X65) - SCR
2005	Stolt Offshore (Seaway Falcon) for Santos Ltd	Casino Australia	3 <i>Saturnax</i> stations 20.4 km 12.75" (18.1 mm, X65) - sour service 11.7 km 12.75" (22.2 mm, X65) - Sour service
2005	Stolt Offshore (Seaway Falcon) for Maersk	Valdemar The Netherlands	3 <i>Saturnax</i> stations 1,445 welds 12.75" (17.5 mm, SML 360) 18.5 km - Sour service
2005	Nippon Steel (Kuroshio II) for Exxon Neftegas	Sakhalin Russia	4 <i>Saturnax</i> stations 10.8 km 36" (26.04 mm, Gr. L415MC) 10.8 km 24" (30.2 mm, Gr. L415MC)
2005	Stolt Offshore (Seaway Falcon) for ATP Blue Water	Tors UK (North Sea)	3 <i>Saturnax</i> stations 1,793 welds 8.625" (11.1 mm, X65) - 22 km 1,686 welds 12" (15.9 mm, X65) - 22 km
2005	Geocean (Mariam-281) for Exxon Neftegas	Tatar Strait Russia	2 <i>Saturnax</i> stations 19.78 km 24" (15.63 mm)
2005	Hyundai Heavy Industries (HD-60) for ONGC	MUT India	4 <i>Saturnax</i> stations 5,205 DJ 28" (17.5 mm, X60) - 119 km 7,172 DJ 30" (17.5 mm, X60) - 182 km
2005	Stolt Offshore (DLB801) for NGC	NGC Bud Pipeline Trinidad & Tobago	3 <i>Saturnax</i> stations 5,514 welds 36" (18.7 mm, X60) - 62 km 20 welds 36" (22.2 mm, X60) - 0.8 km
2005	Stolt Offshore (DLB801 + Falcon) for BG	Dolphin Deep Trinidad & Tobago	3 <i>Saturnax</i> stations 7,335 welds km 24" (12.7 mm, X65) - 86 km 324 welds 24" (14.0 mm, X65) - 3.5 km 130 welds 24" (25.4 mm, X65) - 1 km 486 welds 12" (20.6 mm, X60) - 6 km
2004/ 2005	PMS (PJ12) for Petrobel/Rashpitco	PMS Barboni Egypt	847 welds 26" (19.1 mm, X65) - 10 km 948 welds 20" (15.9 mm, X60) - 11 km
2004	Stolt Offshore (Seaway Falcon) for Mobil	Arthur North Sea	3 <i>Saturnax</i> stations 32 km 12.75" (17.5 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2004	Stolt Offshore (Polaris) for Cabinda Gulf Oil Cy	Benguela-Belize Cabinda (Angola)	3 Saturnax stations 24.88 km 20" (15.9 mm, X52) 4.51 km 10" (12.7 mm, X52) 20.2 km 16" (19.1 mm, X52) Sour service 42.3 km 16" (19.1 mm, X52) Sour service
2004	Nippon Steel (Kuroshio II) for Shell Sarawak Berhad	Jintan 2004 Malaysia	3 Saturnax stations 6.75 km 612.0 OD (18.3 mm, X65) + clad 316L 4 mm) 1.00 km 621.6 OD (23.1 mm, X65) + clad 316L 4 mm)
2004	Hyundai Heavy Industries (HD423) for CNOOC	Chunxiao China	4 Saturnax stations 321 km 28" (15.9 mm, X60)
2004	Stolt Offshore (Seaway Falcon) for Wintershall	Q5 The Netherlands	3 Saturnax stations 13.5 km 8" (12.7 mm, L415)
2004	TL Offshore (DLB264) for Petronas Carigali	PCSB / EPMI Scope 200 Malaysia	4 Saturnax stations 33 km 16" (16 mm, X52) for EPMI - 2,705 welds
2004	Global Industries (Hercules) for Pemex	Pemex USA	4 Saturnax stations 53 km 36" (19.05 mm, X60) - 4,345 welds
2004	Global Industries (Iroquois) for Sonatrach	Arzew Algeria	4 Saturnax stations 2,023 welds 42" (22.2 mm, X65) 937 welds 42" (23.8 mm, X65)
2004	Technip (Deep Blue) for Burullus Gas Co.	Simian / Sienna & Sapp Egypt	1 Saturnax station (2G position) Simian : 843 welds 26" (24.4 mm, L485) 151 welds 20" (21.2 mm, L450) Sapphire : 328 welds 26" (26.3 mm, L485)
2004	Global Industries (DLB264) for Shell Sarawak	Serai Malaysia	4 Saturnax stations 82 welds 14" (20.6 mm + 3 mm 316L) - 1 km 680 welds 14" (14.3 mm + 3 mm 316L) - 8.3 km
2004	Stolt Offshore (Seaway Falcon) for Paladin	Paladin WI Scotland	3 Saturnax stations 9 km 10" (18.3 mm, X65)
2003	Stolt Offshore (Seaway Falcon) for NAM	K7-K15 Development The Netherlands	3 Saturnax stations 1,369 welds 12.75" (23.6 mm, X65) - 16 km 82 welds 12.75" (24.8 mm, X65) - 1 km
2003	Horizon Offshore (Sea Horizon) for Shell	Heavy Lift Brunei	3 Saturnax stations 122 welds 20" (20.6 mm, X60) - 1.5 km 1,863 welds 20" (14.3 mm, X60) - 23 km 223 welds 20" (12.7 mm, X60) - 2,7 km 142 welds 16" (15.9 mm, X60) - 1.7 km 1,703 welds 10.75" (11.1 mm, X60) - 20 km
2003	Global Industries (Hercules) 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

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2003	Coflexip Stena Offshore (Deep Blue) for Shell	Nakika, offshore USA	1 Saturnax + 1 GTAW station (2G position) 2 x 725 welds 10.75" (20.6 mm) in 16" (19.1 mm.) - FL PIP 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	Stolt Offshore (DLB801) for Duke Energy	Hubline Marine Pipeline USA (Boston Bay)	3 Saturnax stations 3,000 welds 30" (14.3 mm, X65) 290 welds 30" (28.6 mm, X60)
2003	Hyundai Heavy Industries (HD423) for PGN	PGN Project Indonesia	4 Saturnax stations 15,092 welds 28" (12.7 mm, X65) - 184 km
2003	Stolt Offshore (Seaway Falcon) for Lyse Gass AS	Rogass Pipeline Develo Norway	3 Saturnax stations 3,623 welds 10.75" (14.3 mm, X52) 45 km 494 welds 4.5" (8.5 mm, X52) - 6 km
2003	Stolt Offshore (Seaway Falcon) for TFE	Skirne Byggve Norway	3 Saturnax stations 2,037 welds 12.75" (20.6 mm, X65)
2003	Global Industries (DLB264) for Jan de Nul	Powergas Singapore	3 Saturnax stations 2,147 welds 28" (16.3 mm, X70) - 26 km
2003	TL Offshore (DLB264) for Petronas Carigali	MLNG-3 2003 Malaysia	4 Saturnax stations 9,471 welds 32" (16.5 mm, X65) - 116 km 40 welds 32" (23.4 mm, X70) - 0.5 km 3,283 welds 24" (12.8 mm, X65) - 39 km 40 welds 24" (17.5 mm, X65) - 0.5 km 40 welds 24" (21.3 mm, X65) - 0.5 km
2003	Nippon Steel (Kuroshio II) for Petronas Carigali	Bunga Raya & Kinarut Malaysia	3 Saturnax stations Kinarut : 3,083 welds 16" (12.7 mm, X70) - 37.7 km 40 welds 16" (17.5 mm, X70) - 0.5 km 12,520 welds 24" (14.2 mm, X70) - 153 km 205 welds 24" (15.7 mm, X70) - 2.5 km 80 welds 24" (21.7 mm, X70) - 1 km
2003	Horizon Offshore (Sea Horizon) for Petronas	MSE Malaysia	3 Saturnax stations 122 welds 12.75" (15.9 mm, X65) 1,480 welds 12.75" (11.1 mm, X65) 122 welds 8.625" (12.7 mm, X65) 1,432 welds 8".625 (9.5 mm, X65)
2003	Stolt Offshore (Polaris) for Cabinda Gulf Oil Corp.	Sanha Condensate Angola	3 Saturnax stations 42.4 km 6" (12.7 mm) 1.0 km 30" (14.1 mm) 3.2 km 24" (15.9 mm) Sour service 14.3 km 18" (12.7 mm) Sour service 7.2 km 12" (12.7 mm) 14.3 km 12" (12.7 mm) 8.0 km 16" (12.7 mm) Sour service
2003	Hyundai Heavy Industries (HD423) for KNOG	Dong-Hae South Korea	4 Saturnax stations 4,807 welds 14" (12.7 mm, X65) - 58 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2003	COOEC (Lanjiang) for CNOOC	Bonan China	4 Saturnax stations 6,204 welds 14" (12.7 mm, X60) - 75 km
2003	Coflexip Stena Offshore (Spoolbase) for Williams	Devils Tower, prefab USA	4 Saturnax stations (5G position) 10,091 welds 18" (22.2 mm, X60) 1,602 welds 18" (23.8 mm, X60) 5,207 welds 18" (25.4 mm, X60) 3,182 welds 18" (28.6 mm, X60) 768 welds 14" (20.6 mm, X60) 768 welds 14" (22.2 mm, X60)
2003	Stolt Offshore (Seaway Falcon) for Norsk Hydro	Vigdis Norway	3 Saturnax stations 1,422 welds 12.75" (20.4 mm, X65/0,5% Cr) -
2002/ 2003/ 2004/ 2005	Conduto (BGL1) for Petrobras	Peroa-Cangoa Brazil	4 Saturnax stations 3,489 welds 18" (15.9 mm, X60) 527 welds 16" (14.3 mm, X60) 1,316 welds 22" (22.2/17.5 mm, X60) 5,610 welds 22" (15.9 mm, X60) 742 welds 20" (17.5 mm, X60) 1,296 welds 22" (15.9 mm, X60) 308 welds 28" (15.9 mm, X60)
2002/ 2003	Stolt Offshore (CBL101 / LB200) for Shell Petroleum	OGGS Nigeria	9 Saturnax stations 256.2 km 32" (18.9/22.9 mm, X65) 88 km 24" (14.2/17.2 mm, X65) 18 km 16" (9.5/11.5 mm, X65)
2002/ 2003	COOEC (Lanjiang) for CNOEC	Dong Fang China	4 Saturnax stations 8,176 welds 22" (12.7 mm, X65) - 105 km
2002	Stolt Offshore (Seaway Falcon) for BP	BP Mirren & Madoe UK	3 Saturnax stations 15.2 km 10" (18.3 mm, X60) 19.7 km 10" (18.3 mm + piggy 4" x 7.9 mm)
2002	Stolt Offshore (Seaway Falcon) for Conoco	CMS 3 UK	3 Saturnax stations 22 km 10" (23.8 mm, X65) Sour service 23 km 12" (25.4 mm, X65) Sour service
2002	TL Offshore/Global Industries (DLB264) for Petronas Carigali	Bintulu/MNLG-3 Malaysia	4 Saturnax stations 3.5 km 28" (14.5/21.2 mm, X65) 119 km 32" (16.5/23.4 mm, X65) 155 km 30" (16.8/21.5 mm, X65)
2002	Hyundai Heavy Industries (HD2500) for Shell	East HP Gas Expansion Brunei	4 Saturnax stations 820 welds 14" (15.9 mm, X60) - 10km 5,262 welds 28" (12.7 mm, X60) - 64.2 km 328 welds 28" (13.8 mm, X60) - 4 km
2002	Nippon Steel (Kuroshio II) for Petronas/Shell Sarawak	Jintan Malaysia	4 Saturnax stations 65 km 32" (17.5/23.8 mm, X65) 7.6 km 24" (14.3/19.1 mm + 3 mm 316L, X65)
2002	Stolt Offshore (Polaris) for Blue Water	Calm Buoy Equatorial Guinea	3 Saturnax stations 1.6 km 30" (19.1 mm, X60) - 132 welds
2002	Stolt Offshore (Seaway Falcon) for ATP Helvellyn	Helvellyn UK	3 Saturnax stations 1220 welds 8.625" (12.7 mm, X65) - 14.884 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2002	Stolt Offshore (Seaway Falcon) for GdF	K12 Holland	3 Saturnax stations 557 welds - 6" (14.3 mm, 168 OD) - 6.85 km
2002	Stolt Offshore (Polaris) for Marathon Petroleum	Tchatamba (Marathon 5) Gabon	3 Saturnax stations 3,360 welds 10,75" (12.7 mm, X52) - 41 km
2002	Stolt Offshore (DLB801) for Delos Offshore	Falcon Gas Pipeline USA	3 Saturnax stations 1,852 welds 18" (12.7 mm, X65)
2002	Global Industries (Comanche) for Marathon	Alba Phase II Equatorial Guinea	4 Saturnax stations 5,434 welds 16" (1.031", X70) 2,717 welds 24" (0.725", X70) 1,230 welds 12" (0.5", 12% Cr)
2002	Stolt Offshore (LB200/Falcon) for Burullus Gas Company	Scarab Saffron Dev. Egypt	6 Saturnax stations 1,721 DJ 36" (30.2 mm, X65) 1,645 DJ 24" (22.2 mm, X60) 1,566 DJ 20" (20.6 mm, X60) 3,360 DJ 10" (13.9 mm, X60)
2002	Stolt Offshore (Seaway Falcon) for Blue Water	Matia/Cabrito USA	3 Saturnax stations 25.6 km 6.625" (10.9 mm, X52)
2002	Stolt Offshore (Polaris) for Shell	Shell EA Nigeria	3 Saturnax stations 6.2 km 8.62" (12.7 mm, X52) 6.3 km 10.75" (14.3 mm, X52) 10.3 km 12.75" (12.7 mm, X52) 5.7 km 16" (12.7 mm, X52) 5.7 km 18" (14.3 mm, X52)
2002	Stolt Offshore (Polaris) for Elf	Amenam/Kpono Nigeria	3 Saturnax stations 38 km 6" (12.7 mm, X52) 34 km 16" (9.5 mm, X60) 4 km 24" (14.3 mm, X60) 3 km 36" (20.6 mm, X60)
2002	Stolt Offshore (Petrojet 12) for Burullus Gas Company	Scarab Saffron Develop Egypt	3 Saturnax stations 2098 DJ - 24" (25.4/20.6 mm) - 25.6 km 1912 DJ - 36" (33.3/30.2 mm) - 23.3 km
2001	Stolt Offshore (Seaway Falcon) for Blue Waters	Lady Bug Gulf of Mexico	3 Saturnax stations 54 km 6" (11 mm, X52)
2001	Stolt Offshore (Seaway Falcon) for Shell	Einset Flowlines USA	3 Saturnax stations 5.3 miles 6.625" (0.5", X65) - 633 welds
2001	Stolt Offshore (DLB801) for Williams	Boomvang Gulf of Mexico	3 Saturnax stations 46.4 km 24" (11.1 mm, X65) 19.5 km 24" (12.7 mm, X65) 28.4 km 24" (14.3 mm, X65) 0.7 km 24" (17.5 mm, X65)
2001	Global Industries (DLB264) for Shell	Ampa Fairley Brunei	4 Saturnax stations 31 km 40" (19.1 mm, X60) 6.3 km 28" (12.7 mm, X60)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2001	TL Offshore (DB30) for Petronas	Angsi (Seligi) Malaysia	4 Saturnax stations 78 km 24" (15.9 mm, X60) 43 + 48 km 16" (12.7 mm, X60/X65)
2001	Stolt Offshore (Seaway Falcon) for Talisman	Hanney UK	3 Saturnax stations 13 km 8" (18.3 mm, X65) Sour service
2001	Stolt Offshore (Polaris) for Triton	Triton-La Ceiba Ph. 1A Equatorial Guinea	3 Saturnax stations 34.3 km 10.75" (20.6 mm, X65) 23.8 km 10.75" (18.3 mm, X65) 1.32 km 8.625" (14.3 mm, X65)
2001	Hyundai Heavy Industries (HD423) for Conoco	West Natuna Indonesia	3 Saturnax stations 2,903 welds 12.75" (14.3 mm, X52) - 35 km 617 welds 14" (14.3 mm, X52) - 7.6 km 383 welds 8.625" (9.5 mm, X52) - 5 km
2001	Stolt Offshore (LB200/DLB801/Spud) for ANR/Duke Williams	Gulfstream Gulf of Mexico	4 + 3 + 2 Saturnax stations LB200 : 607 km 36" (20.8 to 26.1 mm, X65/X70) DLB801 : 60 km 36" (20.8/31.8 mm, X65/X70) Spud : 36 km 36" (20.8/31.8 mm, X65/X70)
2001	Global Asia Pacific (DLB264) for Shell Sarawak Berhad	F23 SW & M4 Malaysia	3 Saturnax stations 200 welds 12" (9.5 + 3 mm, X65) - 2.5 km 80 welds 12" (11.1 + 3 mm, X65) - 1 km 662 welds 14" (14.3 + 3 mm, X65) - 8 km 80 welds 14" (17.7 + 3 mm, X65) - 1 km All : base metal + clad with 3 mm A 316L
2001	Stolt Offshore (Polaris) for Elf Angola	Girassol Angola	1 Saturnax station (2G position) 6.3 km 12" (14 mm) 10 km 12" (22.3 mm) Flowlines - J-Lay (1,450 m water depth)
2001	Stolt Offshore (Seaway Falcon) for Norsk Hydro	Vale Norway	3 Saturnax stations 16 km 8" (22.2 mm, X65 - Alloyed 0.5 Cr) 0.5 km 8" (25.1 mm, X65 Alloyed 0.5 Cr)
2000	Stolt Offshore (Polaris) for Triton Energy	Ceiba Equatorial Guinea	2 Saturnax stations 4,507 welds 8.625" (14.3 mm, X65) 8 lines
2000	Stolt Offshore (Polaris) for Marathon	Tchatamba West Gabon	2 Saturnax stations 7.5 km 6" (9.6 mm, X42) - Sour service
2000	Stolt Offshore (Polaris) for Chevron	Malongo Waterflood Cabinda (Angola)	2 Saturnax stations 1,105 welds 16" (15.9 mm, X52) - 12.8 km 282 welds 8" (12.7 mm, X42) - 3.5 km
2000	Stolt Offshore (LB200) for Shell	Draugen Gas Export Norway	4 Saturnax stations 75 km 16" (15.9 mm, X65) Sour service
2000	TL Offshore (Kuroshio II) for Petronas	Angsi Malaysia	4 Saturnax stations 17,888 welds 32" (22 mm, X65) - 217 km
2000	Hyundai Heavy Industries (HD2500) for Total	South Pars 2 & 3 Iran	4 Saturnax stations 2 x 105 km 32" (20.6 mm, X65) Sour Service + Piggy Back

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
2000	Global Industries (Sea Constructor) for Williams Services US	Viosca Knoll 251 Gulf of Mexico	3 Saturnax stations 51 km 12" (12.7 mm, X52)
2000	Stolt Offshore (Seaway Falcon) for Amerada Hess	Northwestern Flowlines Gulf of Mexico	3 Saturnax stations 2 x 23.2 km 6" (14.3 mm)
2000	Stolt Offshore (Seaway Falcon) for Shell	Skiff UK	3 Saturnax stations 11.3 km 12" (22.2 mm, X60)
1999	ETPM (CBL101) for Marathon	Tchatamba South Gabon	1 Saturnax station + 2 FCAW 1,352 welds 12" (16.4 mm, X42) - 16.6 km
1999	ETPM (Polaris) for Elf	Tchibeli Congo	2 Saturnax stations 11.6 km 10" (12.7 mm, X42) - Water injection 25.6 km 10" (12.7 mm, X52) - Pipe-in-pipe
1999	ETPM (LB200) for Statoil	Åsgard Transport Pipeli Norway	2 Saturne 8T + 2 x 2 Saturnax stations 350 km 42" (30 to 34 mm, X65)
1999	ETPM (Polaris) for Chevron	North Nemba Cabinda (Angola)	3 Saturnax stations 603 welds 12.75" (14.3 mm, Gr B) - 7.24 km 609 welds 12.75" (14.3 mm, Gr B) - 7.31 km 72 welds 24" (15.9 mm, X60) - 0.86 km
1999	ETPM (Polaris) for Chevron	Kungulo Waterflood Cabinda (Angola)	3 Saturnax stations 0.5 km 24" (17.5 mm, X52) 4.5 km 20" (22.2 mm, X52) 15.2 km 16" (12.7 & 15.9 mm, X52)
1999	TL Offshore (DB26) for Petronas	Resak Malaysia	4 Saturnax stations 9,878 welds 28" (16.2 mm, X65) 405 welds 28" (18.1 mm, X65) 43 welds 28" (25.1 mm, X65) Total 128 km
1999	ETPM (LB200) for Statoil	Åsgard Subsea Norway	4 Saturnax stations 97 km 20" (17.6 to 25.4 mm, X65) 0.2 km 18" (19.1 mm, X65) Total of 3,985 DJ
1999	ETPM (LB200) for BG Exploration	Easington Catchment Ar UK	3 Saturnax stations 6.4 km 16" (9.5 mm, X65) + 3" piggy back
1999	Conduto (BGL1) for Petrobras	Roncador + Tramandai Brazil	2 Saturnax stations 86.5 km 20" (12.7 mm, X60) 49.5 km 20" (14.3 mm, X60) 5 km 28" (14.3 mm, X60)
1999	Hyundai Heavy Industries (HD423) for China Petroleum Corp.	Yung-An to Tung-Hsiao Taiwan	4 Saturnax stations (1 with 4 bugs) 238 km 36" (14.3 to 20.6 mm, X65)
1999	CCC (JV Global-CPC) (DLB Iroquois) for ICA-Fluor Daniel	Cantarell Nitrogen Line Mexico	4 Saturnax stations 7,655 welds 36" (19.1 mm, X70) - 94 km 395 welds 42" (17.5 mm, Gr. B) - 5 km 752 welds 48" (25.4 mm, Gr. B) - 9 km

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
1998	ETPM (DLB1601) for Statoil	Ekofisk By-Pass Norway	1 <i>Saturne 8T</i> + 3 <i>Saturnax</i> stations 16 km 36" (22.2 to 31 mm, X65)
1998	ETPM (DLB1601) for Elf	Elgin/Franklin UK (Gas Export)	1 <i>Saturne 8T</i> + 2 <i>Saturnax</i> stations 470 km 34" (17.7 to 25.0 mm, X70)
1998	ETPM (DLB1601) for Conoco	Phoenix UK	3 <i>Saturnax</i> stations 563 welds 16" (22.2 mm, X65) 589 welds 3" piggy back (12.7 mm, X52)
1998	Conduto (BGL1) for Petrobras	Pescada Brazil	2 <i>Saturnax</i> stations 6,120 welds 26" (14.3 mm, X65) - 77.5 km
1998	ETPM (LB200) for Statoil	Åsgard Transport Pipeli Norway	2 <i>Saturne 8T</i> + 2 x 2 <i>Saturnax</i> stations 355 km 42" (30 to 34 mm, X65)
1998	ETPM (LB200) for Elf	Elgin/Franklin UK (Liquids Export)	3 <i>Saturnax</i> stations 45 km 24" (24 mm, X70)
1997	ETPM (DLB801) for Total	Sirri A & C Iran	3 <i>Saturnax</i> stations 2.9 + 3.6 km 12" (12.7 mm, X65) 3.0 + 3.6 km 14" (9.5 mm, X52) 23.6 + 18.4 km 16" (9.5 mm, X52) 18.1 km 16" (17.5 mm, X60) 18.4 km 18" (14.3 mm, X52)
1997	McDermott-ETPM (Polaris) for Texaco	Lombo East Angola	3 <i>Saturnax</i> stations 500 welds 20" (15.9 mm, Gr. B) - 6 km
1997	McDermott-ETPM (Polaris) for Chevron	Escravos Nigeria	3 <i>Saturnax</i> stations 367 welds 8" (9.5 mm, X42) - 4.67 km 758 welds 8" (9.5 mm, X42) - 9.62 km 712 welds 8" (10.3 mm, X42) - 9 km
1997	McDermott-ETPM (Polaris) for Elf Petroleum	Ofon Nigeria	3 <i>Saturnax</i> stations 383 welds 10.75" (12.7 mm, X42) - 4.8 km 3,273 welds 12.75" (12.7 mm, X42) - 41 km
1997	McDermott-ETPM (DLB1) for Perenco	Gombe Gabon	2 <i>Saturnax</i> stations + 1 <i>SMAW</i> 2,126 welds 12.75" (12.7 mm, X42) - 27 km 2,053 welds 10.75" (12.7 mm, X42) - 26 km
1997	McDermott-ETPM (DLB264) for Petronas	Saga Sabah (Borneo)	2 <i>Saturnax</i> stations + 1 <i>SMAW</i> 62 km 16" (12.7 mm)
1997	McDermott-ETPM (DLB264) for Shell	Kinabalu to Samarang Sabah (Borneo)	2 <i>Saturnax</i> stations + <i>SMAW</i> 31 km 12" (9.5 mm) 31 km 14" (9.5 mm)
1997	McDermott-ETPM (LB200/DLB1601) for Statoil	NorFra from Draupner to Dunkirk	2 <i>Saturne 8T</i> + 3 <i>Saturnax</i> stations 825 km 42" (24.5 to 30.3 mm, X65)

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
1997	McDermott-ETPM (Polaris) for Chevron	Nemba-Lomba Angola	3 Saturnax stations 841 welds 16" (12.7 mm, X52) - 10.2 km 57 welds 18" (12.7 mm, X52) - 0.7 km
1997	McDermott-ETPM (DB27) for Cairn Energy	Sangu Bangladesh	3 Saturnax stations 48 km 20" (22.2 mm, X52)
1996/ 1997	McDermott-ETPM (LB200) for Statoil	Zeepipe 2B Norway	2 Saturne 8T + 3 Saturnax stations 292 km 40" (28.6/30.3 mm, X65)
1996	McDermott-ETPM (DLB264) for Total	Bongkot Thailand	1 Saturnax station 867 welds 16" (15.9 mm, X65) 581 welds 14" (15.9 mm, X65)
1996	McDermott-ETPM (DLB264) for Unocal	Santan Kalimantan	2 Saturnax stations + 1 SMAW 1,720 welds 12" (12.7 mm) 1,713 welds 16" (12.7 mm) 638 welds 24" (12.7 mm)
1996	McDermott-ETPM (DLB1601) for Texaco	Erskine to Lomond UK	3 Saturnax stations 30 km 16" (20.6 mm, X65) Pipe-in-pipe (16" within 24") 50 welds 16" Clad pipe : - Line pipe : 3 mm 304L + 11.9 mm - Forged elbows : 3 mm Inconel 625 + 11.9 mm
1996	McDermott-ETPM (Polaris) for Chevron	Opolo Nigeria	3 Saturnax stations 1,732 welds 10" (15.1 mm, X42) - 21km
1996	McDermott-ETPM (Polaris) for Chevron	Ewan Nigeria	3 Saturnax stations 982 welds 12" (10.3 mm, Gr. B) - 12.25 km
1996	McDermott-ETPM (DB27) for Dubai Petroleum Cy	Fateh to WP7 Dubai	1 Saturnax station 546 welds 24" (12.7 mm, X65) 448 welds 16" (22.2 mm, X65) 291 welds 20" (27.0 mm, X65)
1995	McDermott-ETPM (Polaris) for Chevron-CABGOC	Nemba EPS Cabinda	2 Saturnax + 2 manual stations 429 welds 18" (12.7 mm, X52) - 5.5 km 1,776 welds 16" (12.7 mm, X52) - 21.7 km
1995	McDermott-ETPM (DLB1601) for Mobil	Galahad UK	3 Saturnax stations 657 DJ 12" (15.9 mm, X52) - 16 km 572 welds 3" (11.1 mm, X52) - Piggy back
1994	McDermott-ETPM (Polaris) for Elf	Pambi Angola	1 Saturnax station 20 km 16" (17.5 mm, X52) 6 km 10" (15.9 mm, X52)
1994	McDermott-ETPM (LB200) for Hamilton	Liverpool Bay UK	Saturnax 32 km 12" (12.7 mm, X65) + Piggy back 14 km 14" (12.7 mm, X60) + Piggy Back 17 km 14" (11.1 mm, X52) + Piggy Back 33 km 14" (11.1 mm, X60) + Piggy Back 32 km 16" (11.9 mm, X60) 11 km 20" (15.9 mm, X60) + Piggy Back 27 km 20" (20.6 mm, X65) + Piggy Back

Date	Contractor (vessel if offshore) Operator	Project Country	Number of Welding Stations Pipelines welded
1994	McDermott-ETPM (LB200) for Elf	Froy to Frigg TCP2 Norway	<i>Saturnax</i> 2 x 33 km 12" (14.3 mm, X65) 33 km 16" (20.6 mm, X65)
1994	McDermott-ETPM (LB200) for Total	Dunbar to N. Alwyn UK	<i>3 Saturnax stations</i> 22 km 16" (17.5 mm, X60) Pipe-in-pipe (16" within 20")
1993	McDermott-ETPM (DLB1601) for British Gas	North Morecambe UK	<i>Saturne 8T + Saturnax</i> 32 km 36" (18.3 mm, X65) + 4" Piggy Back
1993	McDermott-ETPM (DLB1601) for Bord Gais Eireann	Scotland to Ireland Interconnector	<i>Saturne 8T + 2 Saturnax + FCAW</i> 8,187 DJ 24" (15.9 mm, X65) - 202 km
1993	McDermott-ETPM (LB200) for Elf	Frostpipe Norway	<i>Saturnax</i> 82 km 16" (15.9 mm, X52)
1993	McDermott-ETPM (LB200) for Shell	Nelson to Forties UK	<i>Saturne 8T + Saturnax</i> 25 km 20" (22.2 mm, X65)
1992	McDermott-ETPM (DLB1601) for Mobil	Lancelot/Guinevere UK	<i>Saturne 8T + Saturnax</i> 61 km 20" (19.1 mm, X52)
1991/ 1992	McDermott-ETPM (LB200) for Amoco	CATS UK	<i>Saturne 8T + Saturnax</i> 405 km 36" (28.4 mm, X65)
1991	McDermott-ETPM (DLB1601) for Elf Petroland	Nogat The Netherlands	<i>Saturne 8T + Saturnax</i> 107 km 24" (13.1 mm, X60) 145 km 36" (17.7 mm, X60)
1990	ETPM (DLB801) for ONGC	Bombay High India	<i>Saturne 8T + Saturnax</i> 78 km 24" (20.6 mm, X60) 78 km 26" (22.2 mm, X60)
1990	ETPM (DLB1601) for BP	Forties to Cruden Bay UK	<i>Saturne 8T + Saturnax</i> 165 km 36" (28.6/33.9 mm, X65)
1988	ETPM (DLB1601) for Statoil	Tommeliten Norway	<i>AMI + Saturnax</i> 3,607 welds 9" (15.8 & 24.4 mm) - 44 km Duplex type TÜV 1.4462
1988	ETPM (DLB1601) for Total	Hydra Argentina	<i>Saturnax</i> 1,148 welds 12" (12.7 mm, X52) - 14 km 1,148 welds 20" (12.7 mm, X52) - 14 km 1,148 welds 22" (14.3 mm, X52) - 14 km
1988	ETPM (DLB1601) for NAM	K15 The Netherlands	<i>AMI + Saturnax</i> 1,148 welds 10" (7.3 & 12.7 mm) - 14 km Duplex type TÜV 1.4462
1987	ETPM (DLB1601) for NAM	K14 to K15 The Netherlands	<i>AMI</i> 1,393 welds 12" (9.5/12.7 mm) - 17 km 22%Cr Duplex

Date	Contractor <i>(vessel if offshore)</i> Operator	Project Country	Number of Welding Stations Pipelines welded
1983/ 1984	ETPM <i>(DLB1601)</i> for Statoil	Stat Pipe Norway	<i>Saturne 4 Torch</i> 27,869 welds 36" (23.8 mm, X65) - 340 km
1982	ETPM <i>(DLB1601)</i> for Woodside Petroleum	North Rankin Australia	<i>Saturne 4 Torch</i> 11,066 welds 40" (23.8 mm, X65) - 135 km
1981	ETPM <i>(LB203)</i> for Zadco (Total Operator)	Upper Zakum UAE	<i>Saturne 4 Torch</i> 1,885 welds 24" (17.5 mm, X70) - 23 km 1,885 welds 24" (28.9 mm, X70) - 23 km