

## Past, Ongoing and Future Projects

### OFFSHORE

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2020	COOEC (HYS201) for CNOOC	<b>Lingshui 17-2-SCR</b> 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)	<b>Nam Con Son 2 &amp; SVDN</b> 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	<b>Pegaga Dev. Project</b> Malaysia	2 Saturnax stations 324 welds 38" (22.2 mm, X65) - 4 km
2020	Thien Nam Offshore Services (Tos Ha Long) for PetroVietnam	<b>Nam Con Son 2</b> 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	<b>Merakes</b> 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	Sapura Energy (Sapura 3500) for ENI	<b>ENI Amoca 2</b> 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	GSP Offshore (Bigfoot 1) for Black Sea Oil & Gas	<b>Midia</b> Romania	1 Saturnax stations 9,970 welds 16" (11.9/12.7/14.3 mm, X52) 1,463 welds 8.625" (12.7 mm, X52)
2020	Sapura Energy (Sapura 1200) for RusGazShelf	<b>Kirinskoye</b> Russie	1 Saturnax + 2 manual stations 1,300 welds 10.75" (15.9 mm, X65)
2020	TechnipFMC (G1200) for Energean Oil & Gas	<b>Karish Gas Developmen</b> Israel	5 Saturnax stations + 1 Manual Total of 7,438 welds: 24" (17.5/25.4/30 mm) 30" (21.5 mm)

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2019	Sapura Offshore (Sapura3000) for Gupco	<b>GOS</b> 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	Perenco Petr�leo e G�s (tba) for Perenco	<b>Pargo Cluster</b> Brazil	<i>2 Saturnax stations</i> 820 welds 16" (22.23 mm, X52) - 10.5 km Sweet service
2019	Sapura Offshore (LTS3000) for Hess & PCSB	<b>P4 &amp; P6</b> Malaysia	<i>3 Saturnax stations</i> 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
2019	L&T Hydrocarbon (LTB300) for ONGC	<b>C8 &amp; HRP3</b> 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	<b>GSP Epsilon</b> 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	HOC Offshore (tba) for Pemex	<b>Xanab-C</b> Mexico	<i>4 Saturnax stations</i> 1,016 welds 20" (23.8 mm, X65) 12.4 km Sour service
2019	Subsea7 (7 Champion) for Saudi Aramco	<b>3 GAS PDM</b> 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	Hilong Marine Engineering (tba) for Eastern Refinery Ltd (ERL)	<b>Bangladesh SPM</b> 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
2019	Sapura Kencana (SK3500) for Hokchi Energy	<b>Hokchi</b> 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

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2018	PT. Timas Suplindo <i>(Lewek Centurion)</i> for Kangean Energy Indonesia	<b>TSB Phase 2</b> Indonesia	4 <i>Saturnax stations</i> 1,906 welds 26" (20.6 mm, X65) - 23.254 km
2018	Sapura Offshore <i>(SK3500)</i> for Sarawak Shell Berhad	<b>Pan Malaysia - E6 Proje</b> Malaysia	4 <i>Saturnax stations</i> 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	EMAS-AMC <i>Maridive constructor (B068P)</i> for Saudi Aramco	<b>SFNY 4 Decks project</b> Kingdom of Saudi Arabia	3 <i>Saturnax stations</i> 893 welds 20" (19.05 mm) - 10.89 km 154 welds 16" (15.88 mm) - 1.824 km
2018	Technip <i>(G1201)</i> for Woodside Energy Ltd	<b>WEL Greater Enfield</b> Australia	4 <i>Saturnax stations</i> 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	Emas <i>(Lewek Champion)</i> for KNPC	<b>KNPC Al Zour</b> Kuwait	5 <i>Saturnax stations</i> 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 <i>(SK3500)</i> for ENI	<b>ENI Amoca</b> Mexico	3 <i>Saturnax stations</i> 1,861 welds 10" (14.3 mm, X60) - 22.7 km Sour service
2018	Sapura Energy <i>(Locar)</i> for (tba)	<b>Celse Gas Pipeline</b> Brazil	1 <i>Saturnax stations</i> Gas Flowline 529 welds 18" (12.7 mm, X65) - 6.4 km
2018	Sapura Offshore <i>(Sapura 3000)</i> for Petronas Carigali	<b>Anjung</b> Malaysia	3 <i>Saturnax stations</i> 615 welds 18" (14.5 + 3 mm, X65 + Inconel 825) 37 welds 18" (19.1 + 3 mm, X65 + Inconel 825)
2018	Bumi Armada Caspian <i>(DLB Armada Installer)</i> for Lukoil	<b>Finanoski Field</b> Russia	3 <i>Saturnax stations</i> 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
2018	Sapura Kencana Mexicana <i>(SK3500)</i> for Pemex	<b>Pemex Ayatsil L16</b> Mexico	4 <i>Saturnax stations</i> 1,639 welds 30" (23.8 mm, X60) - 20 km
2018	Sapura Offshore <i>(Sapura2000)</i> for Mumbai Port Trust	<b>MBPT Jawahar Project</b> India	2 <i>Saturnax stations</i> 328 welds 42" (17.5 mm, X60) - 4 km

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2018	Sapura Offshore <i>(S2000/S3000)</i> for ONGC	<b>PRP5</b> India	<i>3 Saturnax stations</i> 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 <i>(Sapura 900)</i> for Shell	<b>Southern Swamp Gas</b> 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	Subsea 7 <i>(Sapura 3000)</i> for Rosneft Vietnam	<b>PLD</b> Vietnam	<i>4 Saturnax stations</i> 793 welds 16" (15.9 mm, X65) - 9.67 km 1,699 welds 16" (15.9 mm, X65) - 20.73 km
2018	Subsea7 / Nigestar 7 <i>(Antares)</i> for Exxon Mobil	<b>Idoho - QIT Project</b> Nigeria	<i>3 Saturnax stations</i> 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)
2017	Subsea 7 <i>(Borealis)</i> for Shell	<b>Shell Brent A Bypass</b> UK (North Sea)	<i>4 Saturnax stations</i> 1.4 km 16" (23 mm, CS)
2017	EMAS <i>(Lewek Centurion)</i> for Eni Ghana E&P	<b>Ghana OCTP Developme</b> Ghana	<i>5 Saturnax stations</i> 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
2017	SapuraKencana <i>(LTS3000)</i> for PCSB	<b>SKE-B15</b> Malaysia	<i>3 Saturnax stations</i> 2,787 welds 16" (12.7 mm, X65) - 34 km 82 km 16" (15.9 mm, X65) 1 km
2017	SapuraKencana <i>(SK1200)</i> for Tanap	<b>Tanap</b> Turkey	<i>4 Saturnax stations</i> 1,443 welds 36" (22.9 mm, X65) 1,443 welds 36" (22.9 mm, X65)

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2017	Emas (Shallow Water/Lewek Champio for Saudi Aramco	<b>Hasbah</b> 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	<b>B127 Cluster Project</b> 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
2017	SapuraKencana TLO (SK3500) for Repsol	<b>Bunga Pakma</b> Malaysia	4 Saturnax stations 720 welds 24" (25.4 mm, X65) - 8.782 km
2017	Geocean (Protis) for Sonara	<b>Sonara</b> Cameroon	Full service solution (welding, NDT, FJC, personnel) - 2,230 welds 30" (20.6 mm, X60) - 183 km
2017	Bumi Armada Caspian (DLB Armada Installer) for Lukoil	<b>Filanovsky Field Develo</b> Russia	3 Saturnax 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	SapuraKencana TLO (SK3500) for PTTEP	<b>Z1C</b> 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	Technip (G1200) for Mellitah Oil & Gas	<b>Mellitah Bahr Essalam</b> Libya	4 Saturnax 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)

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2017	SapuraKencana (tba) for Exxon & PCSB	<b>Guntong-F12</b> Malaysia	4 Saturnax 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 (Borealis) for Total	<b>SS7 L4A-K6GT</b> UK (North Sea)	4 Saturnax stations 12 km 10" (12.7 mm)
2017	Chet Morrison (CM9 Chet Morrison) for Denovo	<b>Denovo Iguana</b> Trinidad	2 Saturnax stations + Manual station 3,430 welds 14" (19.1 mm, X65) - 42 km Non-sour service
2017	Subsea 7 (Borealis) for Maersk	<b>SS7 Culzean</b> UK	5 Saturnax 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 (Borealis) for BP	<b>Atoll Development Proj</b> Egypt	4 +1 Saturnax 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)
2016	SapuraKencana (SK3500) for Pemex	<b>kMZ 76 for SKM</b> Mexico	1,326 welds 36" (22,2 mm, X60) - 16 km Sour service
2016	PT Technip Indonesia (G1201) for ENI Muara Bakau B.V.	<b>Jangkrik Complex Proje</b> Indonesia	1 Saturnax station 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	<b>MHSRD3</b> India	4 Saturnax stations 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	<b>West Nile Delta</b> Egypt	Saturnax stations 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	<b>Vasai East</b> India	4 Saturnax stations 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

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2016	Technip (G-1201) for BP	<b>Juniper</b> Trinidad and Tobago	5 Saturnax stations 790 welds 26" (15.88 mm, X65) - 9.632 km
2016	Timas (Makassar Strait/DLB01) for ENI (through Technip)	<b>Jangkrik Project</b> Indonesia	3 Saturnax stations 1,885 welds 24" (15.8 mm, X65) - 23 km
2016	Subsea 7 (Borealis) for BP	<b>East Nile Delta</b> Egypt	Saturnax stations 506 welds 10" (12.7 mm, X65) - 6.17 km 93 welds 20" (22.2 mm, X65) - 1.13 km
2016	Timas (DLB01) for COOEC/SKK MIGAS	<b>Madura BD Project</b> Indonesia	3 Saturnax stations Export Gas Pipeline 4,265 welds 16" (11.1 mm, X65) - 52 km
2016	PBJV KL101 for PCSB	<b>Bardegg &amp; Baronia</b> Malaysia	7 Saturnax stations 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	<b>SKM for Pemex 36"</b> GoM (Mexico)	5 Saturnax stations 1,230 welds 36" (28.58 mm, X65)
2015	Technip (G1201) for Dubai petroleum	<b>Rashid-C</b> 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	<b>H5</b> 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	<b>Big Bend Offshore</b> 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	<b>Moho Nord</b> 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

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2015	Technip Marine (G1201) for SSPC	<b>Malikai</b> 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	Hilong  for CNOOC	<b>Weizhou PIP</b> 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
2015	Sigur Ros (DLB Armada Installer) for Petronas	<b>Garagol Deniz to OGT</b> 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	Subsea 7 (Borealis) for Exxon	<b>Ehra North Ph II</b> 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	SapuraAcergy (Sapura 3000) for Total	<b>Maharaja Lela</b> 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	<b>Vega Pleyade</b> 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
2015	Bumi Armada Caspian (DLB Armada Installer) for Lukoil	<b>Filanovsky Field Dev.</b> 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	Hilong  for CNOOC	<b>PingHuang</b> China	3 Saturnax stations 1,501 welds 10.75" (15.9 mm) - 18.3 km
2015	West Africa Venture (Jascon 30) for Chevron	<b>Sonam</b> Nigeria	3 Saturnax stations 2,623 welds 20" (15.9 mm, X65) - 32 km
2015	TL Offshore (TBA) for Petrovietnam	<b>Thai Binh Project</b> Vietnam	4 Saturnax stations 1,200 welds 12" (25.4 mm, X65) - Approx 15 km



<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2015	TL Offshore <i>(TBA)</i> for PGn	<b>Kepodang</b> 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	Subsea 7 <i>(Borealis)</i> for Tullow	<b>TEN Subsea 7 Boeralis</b> Ghana	<i>3 Saturnax stations</i> 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 <i>(LTS3000)</i> for CPOC	<b>JDA B17 (CPOC)</b> JDA Malaysia & Thailand	<i>4 Saturnax stations</i> 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 <i>(BGL-1)</i> for Petrobras	<b>Rota Cabiunas 2</b> Brazil	<i>3 Saturnax stations</i> 4.3 km 24" (28.3 mm, X65) Above Water Tie-In Full-service (Welding, NDE & FJC)
2015	Emas <i>(Lewek Constellation)</i> for Noble Energy	<b>Gunflint Offshore</b> 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	Swiber Offshore <i>(1MAS)</i> for ONGC	<b>Daman &amp; C-26 CS Proje</b> India	<i>4 Saturnax stations</i> 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	COOEC <i>(TBA)</i> for PTTEP	<b>Zawtika Phase 1B</b> 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	TL Offshore <i>(tba)</i> for TTM	<b>Eva</b> Malaysia/Thailand	<i>4 or 5 Saturnax stations</i> 6,173 welds 24" (17.5 mm, X65) - 75.3 km
2014	TL Offshore <i>(LTS3000)</i> for BGEPIIL	<b>BG</b> 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
2014	PBJV <i>(tba)</i> for Petronas	<b>Dalak</b> Malaysia	<i>3 Saturnax stations</i> 2,775 welds 16" (10.3 mm, X65) - 33.9 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2014	Technip (G1201) for DPE (Dubai Petroleum)	<b>Jalilah B</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	<b>Alder</b> 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	<b>Martin Linge</b> 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	<b>Liwan 3-1</b> 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	Subsea 7 (Seven Borealis) for Total	<b>OFON II</b> 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	Petrobras (BGL-1) for Petrobras	<b>Emissario Production</b> Brazil	<i>3 Saturnax stations</i> 450 welds 26" (19.05 mm, X65) Sweet service Full-service Welding & NDT & FJC
2014	Swiber (PJW3000) for Cuu Long Joint Operating Com	<b>Su Tu Nau Project</b> 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	Van Oord (Stingray) for Saipem for Petrobras	<b>Rota Cabiunas 2</b> Brazil	<i>3 Saturnax stations</i> 18.4 km 24" (28.6 mm, X65) Sour class 2
2014	Permaducto (Fenix) for Pemex	<b>Kuil B Offshore</b> 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	<b>Nam Con Son</b> Vietnam	11.85 km 26" (19.1 mm)
2014	Technip (G1200) for BG	<b>Starfish</b> GoM	<i>4 Saturnax + 1 Manual stations</i> 798 welds 14" (20.6 mm, X65) - 9.73 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2014	Technip (G1200) for LLOG	<b>Delta House</b> 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	Essar Constructions Overseas (Nand Gaurav) for Technip	<b>Essar KGO</b> UAE	<i>2 Saturnax stations</i> 3,500 welds 12.75" (9.5 mm, X60) - 48km
2014	TL Offshore (SK1200) for Petrovietnam	<b>NCS-DH</b> 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 Woodside	<b>Greater Western Flank</b> Australia	<i>3 Saturnax stations</i> 15.7 km 16" (24 mm, clad Gr. 415+316L)
2014	Technip (G1201) for Petronas	<b>SK316</b> 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	Timas (DLB01) for PT Rekayasa	<b>Lampung</b> Indonesia	<i>4 Saturnax stations</i> 1,311 welds 24" (14.3 mm) - 16 km
2014	Aker Offshore Partner  for Talisman Sinopec	<b>Flyndre Cawdor Conduc</b> 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	Subsea 7 (Borealis) for Anadarko	<b>Heidelberg</b> 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	West African Ventures Ltd (Jascon 2) for Chevron	<b>Escravos</b> 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
2014	Geocean TBA for -	<b>Seme</b> Benin	<i>3 Manual stations</i> 1,125 welds 8" (12.7 mm) 675 welds 20" (11.1 mm)
2014	Nippon Steel & Sumikin Eng. (Kuroshio II) for Carigali Hess	<b>Bulan C</b> Thailand/Malaysia	<i>3 Saturnax stations</i> 1,355 welds 24" (19.05+3 mm CRA) X65/SS316L - 16.525 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2013	Talisman Sinopec Energy (Arbroath Platform) for -	<b>Arkwright Riser Offshor</b> 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	PT Timas Suplindo (Timas DLB01) for Petronas	<b>Burkit Tua Development</b> 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	Van Oord Offshore (Stingray) for CPC	<b>CPC Shalung Project</b> Taiwan	<i>3 Saturnax stations</i> 381 welds 42" (22.2 mm) - 4.64 km
2013	Swiber (Conquest) for Premier Oil	<b>NAG</b> 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	Bumi Armada (DLB Armada Installer) for Lukoil	<b>Filanovsky</b> 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 (Conquest) for Conoco Philips	<b>SBL</b> Indonesia	1,476 welds 14" (11.1 mm) - 18 km 328 welds 8.625" (7.9 mm) - 3.9 km
2013	Technip (G1200) for Williams	<b>Williams Discovery Junc</b> USA	<i>4 Saturnax stations</i> 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	Technip  for Williams Partners	<b>Williams Tubular Bells</b> USA	<i>1 auto +1 manual stations</i> 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	TL Offshore (E3) for EMEPMI	<b>Tapis &amp; Damar</b> Malaysia	<i>3 Saturnax stations</i> 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)

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2013	Petrobras <i>(BGL-1)</i> for Petrobras	<b>BGL Season 1</b> Brazil	<i>3 Saturnax stations</i> 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	Worley Parsons Group <i>(Marlin platform)</i> for BP	<b>BP Marlin</b> USA	<i>Manual welding</i> Flex joint: 14" X60 to 14" F-60 Pipe to Flange Material 10" X60 to 10" F-65 Pipe to Flange Material
2013	Technip <i>(G1201)</i> for COOEC	<b>LH19</b> China	<i>1 Saturnax station</i> 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	West African Ventures <i>(Jascon 30)</i> for NPDC	<b>Okpoho Okono</b> Nigeria	<i>2 Saturnax stations</i> 1,042 welds 16" (12.7 mm, X65) - 12.5 km 84 welds 16" (15.9 mm, X65) - 1 km
2013	Subsea 7 <i>(Seven Borealis)</i> for BP	<b>Block 31 GES</b> Angola	<i>4 Saturnax stations</i> 4,590 welds 12.75" (19.1 mm, X65) - 56 km Sour service level 3
2013	Subsea 7 <i>(Seven Borealis)</i> for Pemex	<b>Pemex Line 60</b> USA	<i>5 Saturnax stations</i> 20 welds 36" (28.575 mm, X52) 1,431 welds 36" (23.825 mm, X52) All sour service
2013	West African Ventures <i>(Jascon 2 &amp; Jascon 30)</i> for Chevron	<b>EGP 3A</b> Nigeria	<i>2 + 2 Saturnax stations</i> 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	TL Offshore <i>(QP2000)</i> for Murphy Oil	<b>MOC 2013 Project</b> Malaysia	<i>4 Saturnax stations</i> 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	Technip <i>(Deep Blue)</i> for Williams	<b>Williams Tubular Bells</b> USA	<i>1 station</i> Offshore SCR tie-ins 2 welds 12.75" (20.6 mm, X65) Manual GTAW/PGMAW - 2 G
2013	CalDive <i>(Sampson)</i> for Pemex	<b>Pemex Line 4, 7 &amp; 9</b> USA	<i>4 Saturnax stations</i> 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
2013	Swiber <i>(Resolute)</i> for Total	<b>SSN</b> Indonesia	<i>4 Saturnax stations</i> 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

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2013	GSP (GSP-Falcon) for EON	<b>Hunter</b> The Netherlands	3 Saturnax stations 660 welds 8.625" (18.3 mm, X65) - 8 km
2013	Subsea7 (Seven Borealis) for Pemex	<b>Pemex Line 67</b> USA	5 Saturnax stations 31 welds 30" (25.4 mm, X52) 658 welds 30" (22.2 mm, X52) 5G - Sour service
2013	Leighton Welspun Contractors for ONGC	<b>PRP3</b> 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	<b>BBO</b> 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	<b>Bulan-B &amp; Bumi-D</b> 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	Van Oord Offshore (Stingray) for S-Oil Corporation	<b>S-Oil Pipeline Installati</b> South Korea	3 Saturnax stations Subsea Pipeline-Flowline: 262 welds 42" (18.26 mm,) - 3.2 km
2012	Technip (Deep Blue) for ATP	<b>ATP Clipper</b> USA	Tie-in welds: 8.625" (11.1 mm, X52) - 2G manual welding 5.563" (12.7 mm, X65)
2012	Swiber (Concorde) for Pemex	<b>Pemex Line 5</b> Mexico	1 Saturnax station 6,234 welds 36" (19.1 mm, X65) - 76 km 77 welds 36" (27 mm, X65) - 0.94 km
2012	Technip (G1200) for Tullow Oil	<b>Jubilee Phase 1A</b> 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	Larsen & Toubro (LTS 3000) for PTTEPI	<b>Zawtika L&amp;T</b> 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	Grup Servicii Petroliere (GSP) (Falcon) for PERENCO	<b>Leman</b> UK	3 Saturnax stations 770 welds 8.625" (12.7 mm, X65) - 9.2 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2012	Swiber ( <i>Conquest</i> ) for Pearl Oil	<b>RUBY</b> Indonesia	<i>4 Saturnax stations</i> Export line: 25,574 welds 14" (11.1 mm, X65) - 312km
2012	GSP ( <i>Falcon</i> ) for Wintershall	<b>Q4-C</b> The Netherlands	<i>3 Saturnax stations</i> 2,500 welds 10,75" (14,3 mm, X52) - 31km
2012	COOEC ( <i>HYSY 201</i> ) for Husky	<b>Liwan Deep Water 6"</b> China	79.1 km 6" (15.9 mm)
2012	Technip ( <i>G1201</i> ) for Dubai Petroleum	<b>Falah Field</b> UAE (Dubai)	<i>5 Saturnax stations</i> 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)
2012	TL Offshore ( <i>E3</i> ) for EMEPMI	<b>Tapis</b> 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	Swiber ( <i>1MAS</i> ) for ONGC	<b>CL7</b> India	<i>4 Saturnax stations</i> WO-24 to B192-1: 1,484 welds 8" (12.7 mm) - 18.1 km WO-24 to B192-5: 2,099 welds 10" (12.7 mm) - 25.6 km B192-1 to B192-5: 598 welds 14" (15.9 mm) - 7.3 km B192-5 to B192-1: 762 welds 6" (7.9 mm) - 9.3 km B192-5 to B192-1: 672 welds 6" (11.0 mm) - 8.2 km B192-5 to B192-8: 828 welds 6" (7.9 mm) - 10.1 km B192-5 to ICG : 3,787 welds 16" (17.5 mm) - 46.2 km PLEM to B192-5 : 131 welds 6" (11.1 mm) - 1.6 km B192-5 to PLEM: 131 welds 12" (14.3 mm) - 1.6 km B192-5 to PLEM: 131 welds 10" (12.7 mm) - 1.6 km B192-8 to B192-5: 869 welds 12" (14.3 mm) - 10.6 km PLEM to B192-5: 131 welds 10" (12.7 mm) - 1.6 km PLEM to B192-5: 131 welds 6" (7.9 mm) - 1.6 km BHE to SHP: 975 welds 12" (14.3 mm) - 11.9 km MNW to N-15: 525 welds 12" (11.1 mm) - 6.4 km B192-5 to PLEM: 131 welds 12" (14.3 mm) - 1.6 km All sour service
2012	Technip ( <i>Deep Blue</i> ) for Petrobras	<b>Cascade 2B</b> USA	<i>1 manual station</i> 6.625" (19.05 mm, X65) flowline: - 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	<b>South Mahakam Project</b> Indonesia	<i>2 Saturnax stations</i> 900 welds 24" (14.3 mm, X65)

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2012	Allseas <i>(Audacia)</i> for Petro SA	<b>CRA Project</b> South Africa	330 welds 12.75" (25.2 mm) Cladded pipe X65/Inconel 825
2012	Technip <i>(G1200)</i> for PDVSA	<b>PDVSA Dragon</b> Venezuela	4 <i>Saturnax</i> stations 1,510 welds 16" (22.2 mm, X65) Sour Service
2012	TL Offshore <i>(LTS3000)</i> for Carigali Hess	<b>Bumi-B &amp; Cakerawala-D</b> Malaysia/Thailand	3 <i>Saturnax</i> stations 525 welds 24" (14.3 mm, X65 + 3mm 316L) 320 welds 10.75" (9.27 mm, X65 + 3mm 316L)
2012	Global Offshore <i>(Hercules)</i> for Pemex	<b>IXTOC 1 Chuhuk</b> Mexico	4 <i>Saturnax</i> stations 1,294 welds 24" (20.6 mm, X52) - Sour service 1,467 welds 16" (12.7 mm, X60) - Sour service
2012	Geocean  for Total EPC	<b>Ruby Project</b> Indonesia	2 <i>Saturnax</i> stations 900 welds 14" (11.1 mm, X65)
2012	PT Timas <i>(TBA)</i> for Conoco Phillips	<b>Bawal</b> Indonesia	4 <i>Saturnax</i> stations 39.5 km 14" (14.3 mm, X60)
2012	COOEC <i>(DLB Lanjiang)</i> for CNOOC	<b>WZ 12-1</b> China	1 <i>Saturnax</i> station 21 km 18"/22", X65 pipe-in-pipe
2012	SASB <i>(S3000)</i> for CNOCC	<b>LH4</b> China	1 <i>Saturnax</i> station 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	Global Industries <i>(Iroquois)</i> for Petrobras	<b>Ubarana-UGG</b> Brazil	4 <i>Saturnax</i> stations 19 km 20" (12.7 mm, X65) 5.5 km 12" (16.5 mm, X65)
2012	Technip <i>(G1201)</i> for COEEC	<b>LIW</b> China	5 <i>Saturnax</i> stations Base Case: 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  Option: 2,645 welds 30" (28.6 mm, X65) - 32km 662 welds 30" (30.2 mm, X65) - 8km
2012	TL Offshore <i>(QP2000)</i> for MOC	<b>Serendah &amp; Patricia</b> Malaysia	3 or 4 <i>Saturnax</i> stations WPPA to PTSA Multiphase pipeline: 13.5km 8" (12.7 mm, X52) SNPA to WYE1 crude/condensate pipeline: 8km 8" (12.7 mm, X52) SNPA to WYE2 gas pipeline: 7.6 km 20" (12.7 mm, X52)



<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2012	Subsea 7 (Seven Borealis) for Total E&P	<b>Clov</b> Angola	3 Saturnax stations 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	Swiber (Concorde) for Brunei Shell Petroleum	<b>Danau Bubut</b> Brunei	4 Saturnax stations 21 km 12.75" (25.4 mm)
2012	Seatrucks Group (Jascon 34) for Total	<b>Anguille</b> Gabon	2 Saturnax stations 2,626 welds 18" (14,3 mm, X52) - 32 km Full-service Welding & NDT & FJC
2012	TL Offshore (LTS 3000) for EMEPMI	<b>Telok</b> Malaysia	4 Saturnax stations Guntong-E to Telok-A Pipeline : 27 km 28" (29.4/22.2 mm, DNV GR450)
2012	Swiber (PJW3000) for PTTEP	<b>ZSW</b> 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
2011	Swiber (PJW3000) for Offshore Oil Engineering Co.	<b>LF13</b> China	1 Saturnax station 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	Acergy (Acergy Falcon) for Wintershall	<b>Wintershall Wingate</b> UK (Wingate Field)	3 Saturnax stations 1,681 welds 12" (15.9 mm, X65) - 20.5 km
2011	TL Offshore  for Shell & Petronas	<b>F23 (PB-2011)</b> 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 (Acergy Falcon) for GDF Suez	<b>GDF Suez G16a</b> UK (Wingate Field)	3 Saturnax stations 1,132 welds 14" (20.6 mm, X52) - 13.8 km
2011	Acergy (Polaris & Antares) for Chevron Nigeria Ltd	<b>EGP3B</b> 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)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2011	Acergy (Polaris) for Exxon	<b>OSO</b> 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	<b>Satellite Field</b> 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	SapuraAcergy for PTTEP Australia	<b>Montara Development</b> Australia	4 Saturnax stations 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	SapuraAcergy (Sapura 3000) for Shell	<b>Gumusut J-Lay</b> Malaysia	1 Saturnax station + 2 SMAW-GSFCAW 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 ONGC	<b>North Tapti</b> India	1 Saturnax station 1,968 welds 18" (15,9 mm, X60)
2011	Technip (Deep Blue) for BHP	<b>Shenzi W.I.</b> 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
2011	Global Industries (DLB264) for PCSB	<b>PA11 - DLB264</b> 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	Timas (Java Constructor) for Migas	<b>Terang Sirasun Batur</b> Indonesia	3 Saturnax stations 2,049 welds 18" (12.7 mm, X65) - 25 km 820 welds 20" (15.9 mm, X65) - 5.2 km
2011	Global Industries (DLB264) for NewField	<b>Tinggi-A/Tiong-A</b> Malaysia	3 Saturnax stations 2,049 welds 10.75" (9.3 mm, X65) - 25 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2011	Kito Enterprises (C-Master) for IOOC	<b>Foroozan</b> Iran (Persian Gulf)	4 Saturnax stations 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
2011	Swiber (Conquest) for ONGC	<b>B-193 / D1</b> 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	TL Offshore (LTS 3000) for Petrofac	<b>Berantai</b> Malaysia	4 Saturnax stations ANDR-A to PLET Gas Export Pipeline: 30 km 12" (15.9 mm, CS)
2011	Acergy (Falcon) for Wintershall	<b>Wintershall K18</b> UK	3 Saturnax stations 820 welds 8" (19.1 mm, X65) - 10 km
2011	Kito Enterprises (C-Master) for IOOC	<b>Reshadat</b> 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
2011	Subsea 7/Odebrecht Oi & Gas (Polaris) for Petrobras	<b>GSNC Gas Export Pipeli</b> Brazil	3 Saturnax stations 12,343 welds 18" (17 mm, X65) 41 welds 18" (19 mm, X65) All sour gas
2011	Subsea 7 (Subsea 7 Falcon) for Dana	<b>Dana Medway</b> UK	3 Saturnax stations 976 welds 8.625" (18.3 mm, X65) - 11.9 km
2011	TL Offshore (QP2000) for Shell & Petronas	<b>F28</b> Malaysia	4 Saturnax stations 26 km 24" (16 & 25,4 mm, X65)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2011	Global Industries (G1200) for Dubai Petroleum	<b>Jalilah</b> 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	Marathon Oil (Apache) for BP	<b>East Brae Riser</b> UK (East Brae)	3 manual stations 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
2010/2011	SapuraAcergy (Sapura 3000) for Apache Energy	<b>Devil Creek</b> 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	<b>Angola LNG</b> 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)
2010	Swiber (Swiber Conquest) for Myanma Oil & Gas Enterprise	<b>Yadana</b> 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 (Enterprise 3) for Murphy Oil Company	<b>Petronas Package B-20</b> Malaysia	4 Saturnax stations 68 km 20" (12.7 mm, X65) - 5,574 welds 49 km 8.625" (12.7 mm, x65) - 4,016 welds
2010	SapuraAcergy (Sapura 3000/Enterprise 3) for Shell	<b>Gumusut S-Lay</b> 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	Sigur Ros Sdn Bhd (DLB Armada Installer) for Petronas	<b>Turkmenistan Block 1</b> 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	<b>Olympia</b> 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	Acergy (Polaris) for Total E&P Angola	<b>Pazflor - Polaris</b> 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

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2010	Global Industries <i>(DLB264)</i> for PCSB	<b>Petronas Package A-20</b> Malaysia	<i>4 Saturnax stations</i> 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	TL Offshore <i>(QP2000)</i> for EMEPMI	<b>Petronas Package C-20</b> Malaysia	<i>4 Saturnax stations</i> 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	PBJV <i>(Faulkner)</i> for PCSB	<b>Kumang Shore Approac</b> Malaysia	<i>3 Saturnax stations</i> 467 welds 28" (17.5 mm, X65) 40 welds 28" (23 mm, X65)
2010	Kito Enterprises <i>(C-Master)</i> for Petropars	<b>South Pars 12</b> Iran	<i>4 Saturnax stations</i> 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	Acergy <i>(Polaris)</i> for Total	<b>Block 17</b> Angola	<i>4 Saturnax stations</i> 5,893 welds 24" (29.6 mm, X65)
2010	Swiber <i>(PJW3000)</i> for British Gas	<b>PL Pipeline</b> India	<i>1 Saturnax station</i> 656 welds 14" (16,4 mm, X60)
2010	Swiber <i>(Conquest + Concorde)</i> for BSP	<b>Selangkir</b> Brunei	<i>4 Saturnax stations</i> 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	Swiber <i>(Conquest)</i> for ONGC	<b>MHNRD</b> India	<i>4 Saturnax stations</i> 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
2009	TL Offshore <i>(Sapura 3000)</i> for CPOC	<b>CPOC</b> Malaysia	<i>4 Saturnax stations</i> 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)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2009	Cal Dive (DLB Sea Horizon) for HOEC	<b>PY-1</b> India	4 Saturnax stations 4,376 welds 14" (12.7 mm, X60) - 53 km
2009	Acergy (Seaway Falcon) for Dong	<b>Nini - Sirri</b> North Sea	3 Saturnax + 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	Kito Enterprises (C-Master) for POGC	<b>South Pars 15 &amp; 16</b> Iran	4 Saturnax 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 (Lonestar) for Pemex	<b>Xanab-Yaxche 20"</b> Mexico	3 Saturnax stations 1,250 welds 20" (19.05 mm, X65) Sour service
2009	Swiber (Swiber Conquest) for BSP	<b>Mol &amp; Bagan</b> 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	Global Industries (Comanche) for Transgasindo	<b>TGI</b> Indonesia	4 Saturnax stations 1737 welds 28" (15.9 mm, X65) - 23 km
2009	Acergy (Acergy Polaris) for Total Gabon	<b>Anguille</b> Gabon	3 Saturnax stations 234 welds 12.75" (15.9 mm, X52) - 2.7 km Sweet service
2009	Acergy (Polaris) for ExxonMobil	<b>AB15 Gas Gathering</b> Angola	4 Saturnax 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	Global Industries (DLB332) for Saudi Aramco	<b>Qatif</b> 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 (Falcon) for Hess	<b>Hess Conger 4 &amp; 9</b> Gulf of Mexico	2 or 3 welding stations 44 welds 6.625" (25.3 mm, X65)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2009	Swiber (Swiber Conquest) for Alam Maritime	<b>West Lutong</b> Malaysia	4 saturnax stations 11 km 18" (17.5 mm, X65)
2009	Swiber (Swiber Conquest) for Star Energy	<b>Star Energy</b> 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	<b>Weizhou</b> 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	Acergy (Acergy Falcon) for Gaz de France / Suez	<b>GdF E-17 Gas Installatio</b> The Netherlands	3 Saturnax stations 2 km 12.75" (17.5 mm) - 164 welds
2009	Acergy (Acergy Falcon) for Statoil Hydro	<b>Ormen Lange Southern</b> Norway	3 saturnax stations 1,083 welds 6.625" (9.9 mm, SML450)
2009	Cal Dive (DLB Sea Horizon) for COOEC	<b>Bohai</b> China	4 Saturnax stations 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	<b>Sirri to Assalouyeh</b> Iran	4 Saturnax stations 15,842 welds 32" (20.6 mm, X65) - 193 km Sour service
2008	Global Industries (Iroquois) for Petrobras	<b>Camarupim</b> Brazil	4 Saturnax stations 683 welds 24" (25.4 mm, X65) - 8 km 3,503 welds 24" (22.2 mm, X65) - 42 km All sour service conditions
2008	Global Industries (DLB332) for Saudi Aramco	<b>Berri</b> Kingdom of Saudi Arabia	4 Saturnax stations 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	Swiber  for BG India	<b>BG Hydra</b> India	SMAW & GTAW 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	SapuraAcergy (Sea Horizon & Sapura 3000) for Murphy Oil	<b>Kikeh Gas Pipeline</b> Malaysia	4 Saturnax stations 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

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2008	Swiber (Swiber Conquest & HD60) for Kodeco & Shell Brunei (BSP)	<b>APECS 2007 (Kodeco/B</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	Acergy (Polaris) for Chevron	<b>AGBAMI</b> 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
2008	Acergy (LB200) for Petrobras	<b>Mexilhao Shore Approac</b> Brazil	<i>3 Saturnax stations</i> 1,778 ML welds 34" (28.6 mm, X60)
2008	Acergy (Acergy Polaris) for CABGOC & Chevron	<b>Tombua Landana</b> 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	TL Offshore (Sea Horizon+ Sapura 3000) for PCSB	<b>TLO 2008</b> 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	TL Offshore (Lewek Champion) for PCSB	<b>Lewek 2008</b> 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	<b>Neptune</b> 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	<b>North Belut</b> 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	<b>Golok</b> 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)



<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2008	Kito Enterprises (C-Master) for POGC	<b>South Pars 1</b> Iran	7 TIG welding stations 531 welds 18" (12.8 mm) - 5 km 2.5 mm inconel 625 + 10.3 mm, X65
2008	Acergy (Falcon) for Marathon Petroleum	<b>Volund EPIC</b> Norway Sea	3 Saturnax stations + 4 GTAW 640 welds 12.75" (20.6 mm, SML415) 730 welds 4.425" (6 mm, SML415) Sour service
2008	Acergy (Acergy Piper) for Petrobras	<b>Mexilhao</b> Brazil	7 Saturnax stations 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 KGOC & AGOC	<b>Khafji FDP Ph. I</b> Kingdom of Saudi Arabia	4 Saturnax stations 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)
2007	Global Industries (DLB264) for BGEPIIL	<b>Tapti Expansion</b> India	4 Saturnax stations 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 (Falcon) for Statoil	<b>Tyrihans 10"</b> Norway (North Sea)	3 Saturnax Stations 3,531 welds 10" (22.25 mm, SML 450 ISFPD) 52 welds 10" (25.4 mm, SML 450 ISFPD)
2007	Technip (Deep Blue) for Petrobras	<b>PDET J-Lay Project</b> Brazil	1 Saturnax J-Lay 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	Acergy (Seaway Falcon) for Gaz de France Britain Ltd	<b>Minke Field Developme</b> North Sea (BG sector)	3 Saturnax stations 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	<b>Moho Bilondo</b> Congo	3 Saturnax stations 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	<b>Manaus</b> Brazil	3 Saturnax stations 813 welds 20" (12.7 mm, X70) 442 welds 14" (12.7 mm, X70)
2007	Acergy (Acergy Piper) for Statoil	<b>Tyrihans</b> Norway	3 Saturnax stations 596 DJ 16" (20.9+3 mm, X65 + 316L) 1,189 DJ 18" (20.9+3 mm, X65 + 316L)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2007	Acergy (Polaris) for BP	<b>Greater Plutonio - OOL</b> 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
2007	Global Industries (DLB332) for Rakgas - Atlantis	<b>Umm Al Qaiwain Field</b> UAE	4 Saturnax stations 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	<b>Lyell</b> UK (North Sea)	3 Saturnax stations 1,163 welds 12.75" (25.4 mm, X65) - 15.5 km
2007	Geocean (Orion) for Addax	<b>Maritimex</b> Nigeria	2 Saturnax stations 10.57 km 12.75" (19.1 mm, X52) 17.30 km 14" (15.9 mm, G. B)
2007	PMS (PMS 11) for Gupco	<b>Taurt</b> Egypt	3 Saturnax stations 2,602 welds 20" (22.2 mm, X65) - 32 km Welding & NDT
2007	Petrojet  for BP	<b>Taurt Phase II</b> Egypt (Port Siad)	31 welds (22,2 mm, X65)
2007	Horizon Marine (Lonestar) for Spectra Energy	<b>North East Gateway</b> 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	<b>Tristan NW Field Dev.</b> 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	<b>TLO 2007</b> 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	<b>Marsopa</b> Mexico	3 Saturnax stations 2,611 welds 24" (11.1 mm, X52)
2007	Acergy (Orion) for Exxon Mobil	<b>OSO 12" repair</b> Nigeria	2 Saturnax stations 4.5 km 12.75" (15.9 mm, X60)
2006/2007	Kito (IOEC) (C-Master/Abouzar 1200) for POGC	<b>South Pars 9 &amp; 10</b> 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

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2006/2007	MRTS (Defender) for Megregiongaz (Lukoil)	<b>Varandey</b> Russia	3 Saturnax stations 3,053 welds 32" (20.5 mm, X70) -37 km
2006/2007	Conduto (BGL-1) for Petrobras	<b>PDET Campos</b> 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	<b>Greater Plutonio URF</b> 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	<b>B12</b> 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	<b>Eldfisk 24" Oil Pipeline</b> North Sea	4 Saturnax stations 9.3 km 24" (25.0 mm, SAWL 450) - 388 welds
2006	TL Offshore (DLB264) for ExxonMobil	<b>Tabu</b> 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)
2006	TL Offshore (Sea Horizon) for Petronas Carigali (PCSB)	<b>PCSB 2006</b> 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	<b>Salman EPC-3</b> 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	<b>Kumaza-J</b> 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	<b>Sisi Nubi</b> Indonesia	2 Saturnax stations 19.4 km 26" (18.3 mm, X65) - 1,557 welds
2006	Nippon Steel (Kuroshio II) for Perusahaan Gas Negara	<b>South Sumatra West Ja</b> 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	<b>Njord</b> Norway	3 Saturnax stations 3,240 welds 13" (17.5 mmn SML 415 IFDUP)
2006	Oceanografia (DLB801) for Pemex	<b>DLB801 - OSA36</b> Mexico	3 Saturnax stations 56 km 36" (19.1 mm, API 5L X52)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2006	Stolt Offshore (Seaway Falcon) for Conoco Phillips	<b>Britannia Satellites</b> 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	<b>Paradip</b> India	4 Saturnax stations 1,596 welds 48" (20.6 mm, X65) - 19.7 km
2006	Stolt Offshore (Seaway Falcon) for Amerada Hess Corp.	<b>Okume</b> 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	<b>MEG</b> Norway (North Sea)	3 Saturnax stations 19,912 welds 6.625" (9.9 mm, X65) - 243 km
2005/2006	Conduto (BGL-1) for Petrobras	<b>Golfinho</b> 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	<b>Angostura</b> 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)
2005/2006	Stolt Offshore (Polaris) for Exxon	<b>Erha</b> Nigeria	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)  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)  2006 : ERHA NORTH (J-Lay auto STT root) 805 welds 10.75" (20.6 mm, X65) 320 welds 6.625" (15.9 mm, X65)
2005/2006	Horizon Offshore (Sea Horizon) for WAGP	<b>WAGP</b> Ghana/Togo	4 Saturnax stations 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
2005/2006	Global Industries (Hercules) for CNOOC	<b>Panyu</b> China	4 Saturnax stations 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
2005/2006	Stolt Offshore (LB200) for Statoil	<b>Ormen Langeled</b> Norway	2 Saturne + 6 Saturnax stations 2005 Season OLT South : 19,091 DJ 44" (23.3 mm, X65) 2006 Season OLT North : 20,789 DJ 42" (33 mm, X65)

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2005	TL Offshore <i>(DLB264)</i> for Shell Sarawak	<b>Shell 2005</b> Malaysia	<i>4 Saturnax stations</i> 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 <i>(Orion / Polaris)</i> for Total	<b>Amenam / Kpono</b> Nigeria	<i>5 Saturnax stations</i> Orion (Sour service): 903 welds 24" (22.2 mm, X65) 347 welds 24" (15.9 mm, X65)  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)
2005	Conduto <i>(BGL-1)</i> for Petrobras	<b>Manati</b> Brazil	<i>3 Saturnax stations</i> 4,687 welds 24" (12.7 mm, X60)
2005	TL Offshore <i>(KP1 McDermott)</i> for Petronas Carigali (PCSB)	<b>PCSB 2005</b> Malaysia	<i>3 Saturnax stations</i> PCSB Semarang : 48 km 20" (11.1 mm, X65)  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)
2005	Stolt Offshore <i>(Seaway Falcon)</i> for ATP Blue Water	<b>L6</b> The Netherlands	<i>3 Saturnax stations</i> 3,200 welds 6.625" (14.3 mm, X52) - 39 km 89 welds 6.625" (18.3 mm, X52) - 1 km
2005	Stolt Offshore <i>(Seaway Falcon)</i> for ATP Blue Water	<b>Tors</b> UK (North Sea)	<i>3 Saturnax stations</i> 1,793 welds 8.625" (11.1 mm, X65) - 22 km 1,686 welds 12" (15.9 mm, X65) - 22 km
2005	Technip <i>(DeepBlue)</i> for ENI	<b>K2</b> USA	<i>1 Saturnax station (2G position)</i> 83 quad joints 7.625" (26.9 mm, X65) - SCR
2005	Stolt Offshore <i>(Seaway Falcon)</i> for Santos Ltd	<b>Casino</b> Australia	<i>3 Saturnax stations</i> 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 <i>(Seaway Falcon)</i> for Maersk	<b>Valdemar</b> The Netherlands	<i>3 Saturnax stations</i> 1,445 welds 12.75" (17.5 mm, SML 360) 18.5 km - Sour service
2005	Stolt Offshore <i>(DLB801 + Falcon)</i> for BG	<b>Dolphin Deep</b> Trinidad & Tobago	<i>3 Saturnax stations</i> 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
2005	Stolt Offshore <i>(DLB801)</i> for NGC	<b>NGC Bud Pipeline</b> Trinidad & Tobago	<i>3 Saturnax stations</i> 5,514 welds 36" (18.7 mm, X60) - 62 km 20 welds 36" (22.2 mm, X60) - 0.8 km
2005	Hyundai Heavy Industries <i>(HD-60)</i> for ONGC	<b>MUT</b> India	<i>4 Saturnax stations</i> 5,205 DJ 28" (17.5 mm, X60) - 119 km 7,172 DJ 30" (17.5 mm, X60) - 182 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2005	Nippon Steel (Kuroshio II) for Exxon Neftegas	<b>Sakhalin</b> Russia	4 Saturnax stations 10.8 km 36" (26.04 mm, Gr. L415MC) 10.8 km 24" (30.2 mm, Gr. L415MC)
2005	Geocean (Mariam-281) for Exxon Neftegas	<b>Tatar Strait</b> Russia	2 Saturnax stations 19.78 km 24" (15.63 mm)
2005	Stolt Offshore (Orion / Polaris) for Mobil	<b>EPC2B</b> Nigeria	2 + 3 Welding stations 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
2004/ 2005	PMS (PJ12) for Petrobel/Rashpitco	<b>PMS Barboni</b> Egypt	847 welds 26" (19.1 mm, X65) - 10 km 948 welds 20" (15.9 mm, X60) - 11 km
2004	Global Industires (Iroquois) for Sonatrach	<b>Arzew</b> Algeria	4 Saturnax stations 2,023 welds 42" (22.2 mm, X65) 937 welds 42" (23.8 mm, X65)
2004	Global Industries (DLB264) for Shell Sarawak	<b>Serai</b> 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	Technip (Deep Blue) for Burullus Gas Co.	<b>Simian / Sienna &amp; Sapp</b> 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	Stolt Offshore (Seaway Falcon) for Mobil	<b>Arthur</b> North Sea	3 Saturnax stations 32 km 12.75" (17.5 mm, X65)
2004	Global Industries (Hercules) for Pemex	<b>Pemex</b> USA	4 Saturnax stations 53 km 36" (19.05 mm, X60) - 4,345 welds
2004	Stolt Offshore (Seaway Falcon) for Paladin	<b>Paladin WI</b> Scotland	3 Saturnax stations 9 km 10" (18.3 mm, X65)
2004	Stolt Offshore (Seaway Falcon) for Wintershall	<b>Q5</b> The Netherlands	3 Saturnax stations 13.5 km 8" (12.7 mm, L415)
2004	Hyundai Heavy Industries (HD423) for CNOOC	<b>Chunxiao</b> China	4 Saturnax stations 321 km 28" (15.9 mm, X60)
2004	Nippon Steel (Kuroshio II) for Shell Sarawak Berhad	<b>Jintan 2004</b> 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

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2004	Stolt Offshore <i>(Polaris)</i> for Cabinda Gulf Oil Cy	<b>Benguela-Belize</b> Cabinda (Angola)	<i>3 Saturnax stations</i> 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	TL Offshore <i>(DLB264)</i> for Petronas Carigali	<b>PCSB / EPMI Scope 200</b> Malaysia	<i>4 Saturnax stations</i> 33 km 16" (16 mm, X52) for EPMI - 2,705 welds
2003	Stolt Offshore <i>(Seaway Falcon)</i> for Lyse Gass AS	<b>Rogass Pipeline Develo</b> Norway	<i>3 Saturnax stations</i> 3,623 welds 10.75" (14.3 mm, X52) 45 km 494 welds 4.5" (8.5 mm, X52) - 6 km
2003	Horizon Offshore <i>(Sea Horizon)</i> for Shell	<b>Heavy Lift</b> Brunei	<i>3 Saturnax stations</i> 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	Coflexip Stena Offshore <i>(Deep Blue)</i> for Shell	<b>Nakika, offshore</b> USA	<i>1 Saturnax + 1 GTAW station (2G position)</i> 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 <i>(DLB801)</i> for Duke Energy	<b>Hubline Marine Pipeline</b> USA (Boston Bay)	<i>3 Saturnax stations</i> 3,000 welds 30" (14.3 mm, X65) 290 welds 30" (28.6 mm, X60)
2003	Hyundai Heavy Industries <i>(HD423)</i> for PGN	<b>PGN Project</b> Indonesia	<i>4 Saturnax stations</i> 15,092 welds 28" (12.7 mm, X65) - 184 km
2003	Global Industries <i>(Hercules)</i> for Williams	<b>Gunnison</b> USA	<i>2 + 3 Saturnax stations</i> 8,156 welds 18" (14.3 mm, X60) 120 welds 18" (19.05 mm, X60) SCR : 60 welds onshore (DJ) + 60 offshore
2003	Stolt Offshore <i>(Seaway Falcon)</i> for NAM	<b>K7-K15 Development</b> The Netherlands	<i>3 Saturnax stations</i> 1,369 welds 12.75" (23.6 mm, X65) - 16 km 82 welds 12.75" (24.8 mm, X65) - 1 km
2003	Stolt Offshore <i>(Seaway Falcon)</i> for TFE	<b>Skirne Byggve</b> Norway	<i>3 Saturnax stations</i> 2,037 welds 12.75" (20.6 mm, X65)
2003	Global Industries <i>(DLB264)</i> for Jan de Nul	<b>Powergas</b> Singapore	<i>3 Saturnax stations</i> 2,147 welds 28" (16.3 mm, X70) - 26 km
2003	TL Offshore <i>(DLB264)</i> for Petronas Carigali	<b>MLNG-3 2003</b> Malaysia	<i>4 Saturnax stations</i> 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

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2003	Nippon Steel (Kuroshio II) for Petronas Carigali	<b>Bunga Raya &amp; Kinarut</b> 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	<b>MSE</b> 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.	<b>Sanha Condensate</b> 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 KNOOC	<b>Dong-Hae</b> South Korea	4 Saturnax stations 4,807 welds 14" (12.7 mm, X65) - 58 km
2003	COOEC (Lanjiang) for CNOOC	<b>Bonan</b> China	4 Saturnax stations 6,204 welds 14" (12.7 mm, X60) - 75 km
2003	Coflexip Stena Offshore (Spoolbase) for Williams	<b>Devils Tower, prefab</b> 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	<b>Vigdis</b> Norway	3 Saturnax stations 1,422 welds 12.75" (20.4 mm, X65/0,5% Cr) -
2002/ 2003/ 2004/ 2005	Conduto (BGL1) for Petrobras	<b>Peroa-Cangoa</b> 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	COOEC (Lanjiang) for CNOEC	<b>Dong Fang</b> China	4 Saturnax stations 8,176 welds 22" (12.7 mm, X65) - 105 km
2002/ 2003	Stolt Offshore (CBL101 / LB200) for Shell Petroleum	<b>OGGS</b> 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	Stolt Offshore (Seaway Falcon) for BP	<b>BP Mirren &amp; Madoe</b> 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)



<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2002	Stolt Offshore (Seaway Falcon) for Conoco	<b>CMS 3</b> 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	<b>Bintulu/MNLG-3</b> 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	<b>East HP Gas Expansion</b> 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	<b>Jintan</b> 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	<b>Calm Buoy</b> Equatorial Guinea	3 Saturnax stations 1.6 km 30" (19.1 mm, X60) - 132 welds
2002	Stolt Offshore (Seaway Falcon) for ATP Helvellyn	<b>Helvellyn</b> UK	3 Saturnax stations 1220 welds 8.625" (12.7 mm, X65) - 14.884 km
2002	Stolt Offshore (Seaway Falcon) for GdF	<b>K12</b> Holland	3 Saturnax stations 557 welds - 6" (14.3 mm, 168 OD) - 6.85 km
2002	Stolt Offshore (Polaris) for Marathon Petroleum	<b>Tchatamba (Marathon 5)</b> Gabon	3 Saturnax stations 3,360 welds 10,75" (12.7 mm, X52) - 41 km
2002	Stolt Offshore (DLB801) for Delos Offshore	<b>Falcon Gas Pipeline</b> USA	3 Saturnax stations 1,852 welds 18" (12.7 mm, X65)
2002	Global Industries (Comanche) for Marathon	<b>Alba Phase II</b> 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 (Petrojet 12) for Burullus Gas Company	<b>Scarab Saffron Develop</b> 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
2002	Stolt Offshore (Seaway Falcon) for Blue Water	<b>Matia/Cabrito</b> USA	3 Saturnax stations 25.6 km 6.625" (10.9 mm, X52)
2002	Stolt Offshore (Polaris) for Shell	<b>Shell EA</b> 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	<b>Amenam/Kpono</b> 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)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2002	Stolt Offshore (LB200/Falcon) for Burullus Gas Company	<b>Scarab Saffron Dev.</b> 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)
2001	Global Industries (DLB264) for Shell	<b>Ampa Fairley</b> Brunei	4 Saturnax stations 31 km 40" (19.1 mm, X60) 6.3 km 28" (12.7 mm, X60)
2001	Stolt Offshore (Seaway Falcon) for Shell	<b>Einset Flowlines</b> USA	3 Saturnax stations 5.3 miles 6.625" (0.5", X65) - 633 welds
2001	Stolt Offshore (Seaway Falcon) for Blue Waters	<b>Lady Bug</b> Gulf of Mexico	3 Saturnax stations 54 km 6" (11 mm, X52)
2001	Stolt Offshore (Polaris) for Elf Angola	<b>Girassol</b> 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	TL Offshore (DB30) for Petronas	<b>Angsi (Seligi)</b> 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	<b>Hanney</b> UK	3 Saturnax stations 13 km 8" (18.3 mm, X65) Sour service
2001	Stolt Offshore (Seaway Falcon) for Norsk Hydro	<b>Vale</b> 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)
2001	Hyundai Heavy Industries (HD423) for Conoco	<b>West Natuna</b> 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	<b>Gulfstream</b> 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	Stolt Offshore (DLB801) for Williams	<b>Boomvang</b> 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 Asia Pacific (DLB264) for Shell Sarawak Berhad	<b>F23 SW &amp; M4</b> 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 Triton	<b>Triton-La Ceiba Ph. 1A</b> 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)

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
2000	Stolt Offshore <i>(Polaris)</i> for Triton Energy	<b>Ceiba</b> Equatorial Guinea	2 <i>Saturnax</i> stations 4,507 welds 8.625" (14.3 mm, X65) 8 lines
2000	Stolt Offshore <i>(Seaway Falcon)</i> for Amerada Hess	<b>Northwestern Flowlines</b> Gulf of Mexico	3 <i>Saturnax</i> stations 2 x 23.2 km 6" (14.3 mm)
2000	Stolt Offshore <i>(Polaris)</i> for Chevron	<b>Malongo Waterflood</b> Cabinda (Angola)	2 <i>Saturnax</i> 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 <i>(LB200)</i> for Shell	<b>Draugen Gas Export</b> Norway	4 <i>Saturnax</i> stations 75 km 16" (15.9 mm, X65) Sour service
2000	TL Offshore <i>(Kuroshio II)</i> for Petronas	<b>Angsi</b> Malaysia	4 <i>Saturnax</i> stations 17,888 welds 32" (22 mm, X65) - 217 km
2000	Hyundai Heavy Industries <i>(HD2500)</i> for Total	<b>South Pars 2 &amp; 3</b> Iran	4 <i>Saturnax</i> stations 2 x 105 km 32" (20.6 mm, X65) Sour Service + Piggy Back
2000	Stolt Offshore <i>(Polaris)</i> for Marathon	<b>Tchatamba West</b> Gabon	2 <i>Saturnax</i> stations 7.5 km 6" (9.6 mm, X42) - Sour service
2000	Global Industries <i>(Sea Constructor)</i> for Williams Services US	<b>Viosca Knoll 251</b> Gulf of Mexico	3 <i>Saturnax</i> stations 51 km 12" (12.7 mm, X52)
2000	Stolt Offshore <i>(Seaway Falcon)</i> for Shell	<b>Skiff</b> UK	3 <i>Saturnax</i> stations 11.3 km 12" (22.2 mm, X60)
1999	ETPM <i>(CBL101)</i> for Marathon	<b>Tchatamba South</b> Gabon	1 <i>Saturnax</i> station + 2 FCAW 1,352 welds 12" (16.4 mm, X42) - 16.6 km
1999	ETPM <i>(LB200)</i> for Statoil	<b>Åsgard Transport Pipeli</b> Norway	2 <i>Saturne 8T</i> + 2 x 2 <i>Saturnax</i> stations 350 km 42" (30 to 34 mm, X65)
1999	ETPM <i>(Polaris)</i> for Elf	<b>Tchibeli</b> Congo	2 <i>Saturnax</i> stations 11.6 km 10" (12.7 mm, X42) - Water injection 25.6 km 10" (12.7 mm, X52) - Pipe-in-pipe
1999	ETPM <i>(Polaris)</i> for Chevron	<b>North Nemba</b> Cabinda (Angola)	3 <i>Saturnax</i> 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 <i>(Polaris)</i> for Chevron	<b>Kungulo Waterflood</b> Cabinda (Angola)	3 <i>Saturnax</i> 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)

<b>Date</b>	<b>Contractor</b> <i>(vessel if offshore)</i> <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
1999	TL Offshore (DB26) for Petronas	<b>Resak</b> Malaysia	4 <i>Saturnax</i> 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	<b>Åsgard Subsea</b> Norway	4 <i>Saturnax</i> 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	<b>Easington Catchment Ar</b> UK	3 <i>Saturnax</i> stations 6.4 km 16" (9.5 mm, X65) + 3" piggy back
1999	Conduto (BGL1) for Petrobras	<b>Roncador + Tramandai</b> Brazil	2 <i>Saturnax</i> 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.	<b>Yung-An to Tung-Hsiao</b> Taiwan	4 <i>Saturnax</i> 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	<b>Cantarell Nitrogen Line</b> Mexico	4 <i>Saturnax</i> 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
1998	ETPM (DLB1601) for Statoil	<b>Ekofisk By-Pass</b> 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	<b>Elgin/Franklin</b> 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	<b>Phoenix</b> 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	<b>Pescada</b> Brazil	2 <i>Saturnax</i> stations 6,120 welds 26" (14.3 mm, X65) - 77.5 km
1998	ETPM (LB200) for Statoil	<b>Åsgard Transport Pipeli</b> 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	<b>Elgin/Franklin</b> UK (Liquids Export)	3 <i>Saturnax</i> stations 45 km 24" (24 mm, X70)
1997	ETPM (DLB801) for Total	<b>Sirri A &amp; C</b> 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	<b>Lombo East</b> Angola	3 <i>Saturnax</i> stations 500 welds 20" (15.9 mm, Gr. B) - 6 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
1997	McDermott-ETPM (Polaris) for Chevron	<b>Escravos</b> Nigeria	3 Saturnax 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	<b>Ofon</b> Nigeria	3 Saturnax 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	<b>Gombe</b> Gabon	2 Saturnax stations + 1 SMAW 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	<b>Saga</b> Sabah (Borneo)	2 Saturnax stations + 1 SMAW 62 km 16" (12.7 mm)
1997	McDermott-ETPM (DLB264) for Shell	<b>Kinabalu to Samarang</b> Sabah (Borneo)	2 Saturnax stations + SMAW 31 km 12" (9.5 mm) 31 km 14" (9.5 mm)
1997	McDermott-ETPM (LB200/DLB1601) for Statoil	<b>NorFra</b> from Draupner to Dunkirk	2 Saturne 8T + 3 Saturnax stations 825 km 42" (24.5 to 30.3 mm, X65)
1997	McDermott-ETPM (Polaris) for Chevron	<b>Nemba-Lomba</b> 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	<b>Sangu</b> Bangladesh	3 Saturnax stations 48 km 20" (22.2 mm, X52)
1996/ 1997	McDermott-ETPM (LB200) for Statoil	<b>Zeepipe 2B</b> Norway	2 Saturne 8T + 3 Saturnax stations 292 km 40" (28.6/30.3 mm, X65)
1996	McDermott-ETPM (DLB264) for Total	<b>Bongkot</b> Thailand	1 Saturnax station 867 welds 16" (15.9 mm, X65) 581 welds 14" (15.9 mm, X65)
1996	McDermott-ETPM (DLB264) for Unocal	<b>Santan</b> 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	<b>Erskine to Lomond</b> 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	<b>Opolo</b> Nigeria	3 Saturnax stations 1,732 welds 10" (15.1 mm, X42) - 21km
1996	McDermott-ETPM (Polaris) for Chevron	<b>Ewan</b> Nigeria	3 Saturnax stations 982 welds 12" (10.3 mm, Gr. B) - 12.25 km

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
1996	McDermott-ETPM (DB27) for Dubai Petroleum Cy	<b>Fateh to WP7</b> 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	<b>Nemba EPS</b> 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	<b>Galahad</b> 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	<b>Pambi</b> Angola	1 Saturnax station 20 km 16" (17.5 mm, X52) 6 km 10" (15.9 mm, X52)
1994	McDermott-ETPM (LB200) for Hamilton	<b>Liverpool Bay</b> 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
1994	McDermott-ETPM (LB200) for Elf	<b>Froy to Frigg TCP2</b> Norway	Saturnax 2 x 33 km 12" (14.3 mm, X65) 33 km 16" (20.6 mm, X65)
1994	McDermott-ETPM (LB200) for Total	<b>Dunbar to N. Alwyn</b> UK	3 Saturnax stations 22 km 16" (17.5 mm, X60) Pipe-in-pipe (16" within 20")
1993	McDermott-ETPM (DLB1601) for British Gas	<b>North Morecambe</b> UK	Saturne 8T + Saturnax 32 km 36" (18.3 mm, X65) + 4" Piggy Back
1993	McDermott-ETPM (DLB1601) for Bord Gais Eireann	<b>Scotland to Ireland</b> Interconnector	Saturne 8T + 2 Saturnax + FCAW 8,187 DJ 24" (15.9 mm, X65) - 202 km
1993	McDermott-ETPM (LB200) for Elf	<b>Frostpipe</b> Norway	Saturnax 82 km 16" (15.9 mm, X52)
1993	McDermott-ETPM (LB200) for Shell	<b>Nelson to Forties</b> UK	Saturne 8T + Saturnax 25 km 20" (22.2 mm, X65)
1992	McDermott-ETPM (DLB1601) for Mobil	<b>Lancelot/Guinevere</b> UK	Saturne 8T + Saturnax 61 km 20" (19.1 mm, X52)
1991/ 1992	McDermott-ETPM (LB200) for Amoco	<b>CATS</b> UK	Saturne 8T + Saturnax 405 km 36" (28.4 mm, X65)
1991	McDermott-ETPM (DLB1601) for Elf Petroland	<b>Nogat</b> The Netherlands	Saturne 8T + Saturnax 107 km 24" (13.1 mm, X60) 145 km 36" (17.7 mm, X60)

<b>Date</b>	<b>Contractor</b> (vessel if offshore) <b>Operator</b>	<b>Project</b> <b>Country</b>	<b>Number of Welding Stations</b> <b>Pipelines welded</b>
1990	ETPM (DLB801) for ONGC	<b>Bombay High</b> 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	<b>Forties to Cruden Bay</b> UK	<i>Saturne 8T + Saturnax</i> 165 km 36" (28.6/33.9 mm, X65)
1988	ETPM (DLB1601) for Statoil	<b>Tommeliten</b> 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	<b>Hydra</b> 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	<b>K15</b> 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	<b>K14 to K15</b> The Netherlands	<i>AMI</i> 1,393 welds 12" (9.5/12.7 mm) - 17 km 22%Cr Duplex
1983/ 1984	ETPM (DLB1601) for Statoil	<b>Stat Pipe</b> Norway	<i>Saturne 4 Torch</i> 27,869 welds 36" (23.8 mm, X65) - 340 km
1982	ETPM (DLB1601) for Woodside Petroleum	<b>North Rankin</b> Australia	<i>Saturne 4 Torch</i> 11,066 welds 40" (23.8 mm, X65) - 135 km
1981	ETPM (LB203) for Zadco (Total Operator)	<b>Upper Zakum</b> 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