

Longitudinally welded large-diameter steel line pipe



Customer	Project	Medium	Tonnage (t)	OD 1 (mm)	WT 1
Year	Offshore Country	Grade	Length (km)	OD 2	WT 2
<b>ADCO</b>	<b>4th Main Oil Line</b>	<b>Souroil 5</b>	<b>36,100</b>	<b>914</b>	<b>14.3</b>
1995	n United Arab Emirates	X 60	112.5		19.1
<b>ADNOC</b>	<b>Bab - Maqta - Taweelah</b>	<b>Sourgas 3</b>	<b>61,900</b>	<b>914</b>	<b>15.0</b>
1994	n United Arab Emirates	X 60	180.0	1,067	17.4
<b>AIOC</b>	<b>*1 A C G F F D</b>	<b>Souroil 3</b>	<b>76,875</b>	<b>730</b>	<b>20.6</b>
2002	y Azerbaijan	X 65	195.8	762	27.0
<b>ATHEER</b>	<b>Maqta - Jebel Ali</b>	<b>Sourgas 3</b>	<b>70,000</b>	<b>1,219</b>	<b>19.8</b>
2000	n United Arab Emirates	X 60	133.5	914	15.1
<b>BAPETCO</b>	<b>Obaiyed Project</b>	<b>Gas</b>	<b>99,200</b>	<b>559</b>	<b>10.3</b>
1997	n Egypt	X 65	367.0	864	16.1
<b>BOTAS</b>	<b>BTC Pipeline Project</b>	<b>Souroil 3/4</b>	<b>185,400</b>	<b>864</b>	<b>8.7</b>
2003	n Turkey	X 65	418.0	1,168	25.4
<b>CNRL</b>	<b>Primrose Exp.</b>	<b>Steam</b>	<b>1,800</b>	<b>610</b>	<b>25.4</b>
2001	n Canada	GRS 550	5.0		
<b>CPMEC</b>	<b>*1 West to East Pipeline</b>	<b>Gas</b>	<b>108,000</b>	<b>1,016</b>	<b>17.5</b>
2001	n China	X 70	202.0		21.1
<b>CPMEC</b>	<b>*1 West to East Pipeline</b>	<b>Gas</b>	<b>40,000</b>	<b>1,016</b>	<b>17.5</b>
2002	n China	X 70	92.0		
<b>CPMEC</b>	<b>*1 Zhong Xian Wuhan</b>	<b>Gas</b>	<b>4,400</b>	<b>711</b>	<b>12.7</b>
2003	n China	X 65	19.4		14.3
<b>CPP</b>	<b>Transit</b>	<b>Gas</b>	<b>36,200</b>	<b>1,020</b>	<b>11.4</b>
1995	n Czech Republic	StE 480.7	120.0		18.3
<b>CPP</b>	<b>Transit</b>	<b>Gas</b>	<b>24,700</b>	<b>1,020</b>	<b>11.4</b>
1996	n Czech Republic	StE 480.7	81.0		18.3
<b>CPP</b>	<b>Transit</b>	<b>Gas</b>	<b>23,000</b>	<b>1,020</b>	<b>11.4</b>
1997	n Czech Republic	StE 480.7	76.0		16.0
<b>CPP</b>	<b>Transit</b>	<b>Gas</b>	<b>6,800</b>	<b>1,020</b>	<b>11.4</b>
1998	n Czech Republic	StE 480.7	22.0		18.3
<b>DONG</b>	<b>South Arne-Nybro</b>	<b>Sourgas 3</b>	<b>58,845</b>	<b>610</b>	<b>14.1</b>
1998	y Denmark	X 65	287.0		17.6
<b>DONG</b>	<b>South Arne-Nybro</b>	<b>Sourgas 3</b>	<b>4,205</b>	<b>610</b>	<b>15.1</b>
1998	n Denmark	X 65	18.2		
<b>ELF QATAR</b>	<b>Al Khalij Development</b>	<b>Souroil 3</b>	<b>6,600</b>	<b>508</b>	<b>11.9</b>
2001	y Qatar	X 60	45.1		
<b>EXXONMOBIL</b>	<b>Chad Dev. Project</b>	<b>Oil</b>	<b>41,330</b>	<b>762</b>	<b>13.8</b>
2001	n Chad Cameroun	X 70	159.0		
<b>FERROM</b>	<b>Transgas</b>	<b>Gas</b>	<b>837</b>	<b>1,420</b>	<b>15.6</b>
1986	n Czech Republic	GRS 550	1.5		
<b>GAZPROM</b>	<b>*2 - - -</b>	<b>Gas</b>	<b>110,020</b>	<b>1,420</b>	<b>18.7</b>
1995	n Russia	60 KP	107.7		23.2
<b>GAZPROM</b>	<b>*2 Jamal</b>	<b>Gas</b>	<b>148,000</b>	<b>1,420</b>	<b>18.3</b>
1996	n Russia	60 KP	221.0		27.1
<b>GAZPROM</b>	<b>*2 - - -</b>	<b>Gas</b>	<b>2,000</b>	<b>1,020</b>	<b>17.0</b>
1996	n Russia	60 KP	4.8		
<b>GAZPROM</b>	<b>*2 Jamal</b>	<b>Gas</b>	<b>241,000</b>	<b>1,422</b>	<b>19.2</b>
1998	n Poland	L485 MB	345.0		24.5
<b>GAZPROM</b>	<b>Jamal</b>	<b>Gas</b>	<b>62,900</b>	<b>1,420</b>	<b>18.3</b>
1998	n Russia	60 KP	100.0		27.1
<b>GAZPROM</b>	<b>Jamal</b>	<b>Gas</b>	<b>8,800</b>	<b>1,422</b>	<b>19.2</b>
1999	n Poland	L485 MB	12.5		24.5
<b>GAZPROM</b>	<b>Jamal</b>	<b>Gas</b>	<b>267,780</b>	<b>1,420</b>	<b>18.3</b>
1999	n Russia	60 KP	404.0		27.1
<b>GAZPROM</b>	<b>Jamal</b>	<b>Gas</b>	<b>198,710</b>	<b>1,420</b>	<b>18.3</b>
1999	n Belorussia	60 KP	292.0		21.8
<b>GAZPROM</b>	<b>*2 Jamal/Zapoljanoje</b>	<b>Gas</b>	<b>56,300</b>	<b>530</b>	<b>10.8</b>
2000	n Russia	60 KP	93.0	1,420	27.1
<b>GAZPROM</b>	<b>Bluestream line</b>	<b>Gas</b>	<b>14,300</b>	<b>1,220</b>	<b>17.8</b>
2001	n Russia	60 KP	26.6		
<b>GAZPROM</b>	<b>Zapoljanoje</b>	<b>Gas</b>	<b>104,390</b>	<b>1,020</b>	<b>12.3</b>
2001	n Russia	60 KP	159.9	1,420	27.1

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Year	Offshore	Country	Grade	Length (km)	OD 2	WT 2
<b>GAZPROM</b>	<b>*2</b>	<b>Zapoljarnoje</b>	<b>Gas</b>	<b>7,060</b>	<b>1,420</b>	<b>18.7</b>
2002	n	Russia	60 KP	10.0		<b>23.2</b>
<b>GAZPROM</b>	<b>*2</b>	<b>Bluestream line</b>	<b>Gas</b>	<b>5,400</b>	<b>1,420</b>	<b>15.7</b>
2002	n	Russia	60KP	9.7		
<b>GDF</b>		<b>Palteaux du Vexin</b>	<b>Gas</b>	<b>18,850</b>	<b>914</b>	<b>9.3</b>
1998	n	France	TSE 480	83.5		<b>16.6</b>
<b>GDF</b>		<b>Saint Martin de Crau</b>	<b>Gas</b>	<b>17,165</b>	<b>1,219</b>	<b>31.0</b>
2005	n	France	L485 MB	23.7		<b>21.1</b>
<b>GULFSTRE</b>	<b>*1</b>	<b>Gulfstream</b>	<b>Gas</b>	<b>76,000</b>	<b>914</b>	<b>25.2</b>
2001	y	USA	X 65	119.0		<b>34.9</b>
<b>GULFSTRE</b>	<b>*1</b>	<b>Gulfstream</b>	<b>Gas</b>	<b>304,000</b>	<b>914</b>	<b>20.8</b>
2001	y	USA	X 70	592.0		<b>22.0</b>
<b>GULFSTRE</b>	<b>*1</b>	<b>Gulfstream</b>	<b>Gas</b>	<b>55,000</b>	<b>762</b>	<b>11.2</b>
2001	n	USA	X 70	218.0		<b>19.1</b>
<b>GULFSTRE</b>	<b>*1</b>	<b>Gulfstream</b>	<b>Gas</b>	<b>53,000</b>	<b>914</b>	<b>16.1</b>
2001	n	USA	X 70	115.0		<b>31.8</b>
<b>HYUNDAI</b>		<b>Bonny Terminal</b>	<b>Gas</b>	<b>30,615</b>	<b>914</b>	<b>12.7</b>
2004	y	Nigeria	X 65	55.4	<b>1,219</b>	<b>20.6</b>
<b>KALANAFT</b>		<b>---</b>	<b>Oil</b>	<b>22,100</b>	<b>813</b>	<b>14.3</b>
2001	n	Iran	X 65	73.0		<b>17.5</b>
<b>KUWAIT OIL</b>		<b>Lift Gas Distr. System</b>	<b>Sourgas 3</b>	<b>8,980</b>	<b>508</b>	<b>27.0</b>
2002	n	Kuwait	X 60	19.2	<b>762</b>	<b>31.8</b>
<b>KUWAIT OIL</b>		<b>Effluent Water Disp. Proj.</b>	<b>Sourwater 3</b>	<b>6,900</b>	<b>610</b>	<b>20.6</b>
2004	n	Kuwait	X 52	18.7	<b>914</b>	<b>28.6</b>
<b>MAERSK</b>		<b>Tyra West to F3/Halfdan to Tyra</b>	<b>Sourgas 3</b>	<b>38,000</b>	<b>610</b>	<b>15.9</b>
2003	y	Denmark/Netherlands	L415 ISFD	132.0	<b>660</b>	<b>25.4</b>
<b>MEGAL</b>		<b>Megal II</b>	<b>Gas</b>	<b>1,216</b>	<b>1,118</b>	<b>13.6</b>
1985	n	Germany	GRS 550	3.3		
<b>MINPECO</b>		<b>Kushan</b>	<b>Gas</b>	<b>1,835</b>	<b>610</b>	<b>10.3</b>
1995	n	China	X 65	11.3		<b>11.1</b>
<b>NGC</b>		<b>Cross Island Pipeline</b>	<b>Gas</b>	<b>54,000</b>	<b>1,422</b>	<b>18.0</b>
2003	n	Trinidad	X 70	79.0		<b>24.5</b>
<b>NIGC</b>		<b>---</b>	<b>Gas</b>	<b>51,300</b>	<b>1,422</b>	<b>15.9</b>
2000	n	Iran	X 70	81.3		<b>31.8</b>
<b>NIGC</b>		<b>NIGC Gas Project Phase II</b>	<b>Gas</b>	<b>149,500</b>	<b>1,016</b>	<b>17.5</b>
2003	n	Iran	X 65	315.0	<b>1,067</b>	<b>30.2</b>
<b>NORHYDRO</b>		<b>Grane Oil Pipeline</b>	<b>Oil</b>	<b>49,500</b>	<b>740</b>	<b>24.7</b>
2002	y	Norway	L450 IDU	111.2		<b>35.0</b>
<b>O G P</b>		<b>Muglad Basin</b>	<b>Oil</b>	<b>21,480</b>	<b>711</b>	<b>10.7</b>
1998	n	Sudan	X 65	116.0		
<b>O G P</b>		<b>Muglad Basin</b>	<b>Oil</b>	<b>22,430</b>	<b>711</b>	<b>16.4</b>
1998	n	Sudan	X 65	80.0		
<b>OMVTAG</b>		<b>Loop II Stage I</b>	<b>Gas</b>	<b>31,059</b>	<b>914</b>	<b>12.5</b>
2000	n	Austria	L485 MB	93.7	<b>1,073</b>	<b>17.5</b>
<b>OMVTAG</b>		<b>Loop II Stage II</b>	<b>Gas</b>	<b>6,440</b>	<b>1,016</b>	<b>12.5</b>
2001	n	Austria	L485 MB	19.9		
<b>OMVTAG</b>		<b>Loop II Stage II</b>	<b>Gas</b>	<b>17,950</b>	<b>914</b>	<b>12.5</b>
2002	n	Austria	L485 MB	54.1	<b>1,020</b>	<b>17.5</b>
<b>ONGC</b>	<b>*1</b>	<b>MUT</b>	<b>Sourgas 3</b>	<b>34,700</b>	<b>711</b>	<b>17.5</b>
2004	y	India	X 60	114.0	<b>660</b>	<b>23.8</b>
<b>ONGC</b>	<b>*1</b>	<b>MUT</b>	<b>Souroil</b>	<b>29,800</b>	<b>762</b>	<b>17.5</b>
2004	y	India	X 60	98.0	<b>558</b>	<b>25.4</b>
<b>PDO</b>		<b>Oman LNG Project</b>	<b>Gas</b>	<b>12,700</b>	<b>813</b>	<b>14.0</b>
1997	n	Oman	X 70	46.0		
<b>PDO</b>		<b>GGs Interlink Pipeline</b>	<b>Gas</b>	<b>17,500</b>	<b>711</b>	<b>9.5</b>
1998	n	Oman LNG Project	X 70	98.0		<b>11.4</b>
<b>PETROBEL</b>		<b>Intersinai Gas Pipeline</b>	<b>Gas</b>	<b>62,800</b>	<b>914</b>	<b>14.3</b>
1999	n	Egypt	X 60	195.4		<b>22.2</b>
<b>PETROBEL</b>		<b>Temsah Development</b>	<b>Gas</b>	<b>29,200</b>	<b>813</b>	<b>22.2</b>
1999	y	Egypt	X 65	65.1		<b>31.5</b>

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Customer		Project	Medium	Tonnage (t)	OD 1 (mm)	WT 1
Year	Offshore	Country	Grade	Length (km)	OD 2	WT 2
<b>PTT</b>	<b>*1</b>	<b>TTP3</b>	<b>Sourgas</b>	<b>127,270</b>	<b>914</b>	<b>16.3</b>
2004	y	Thailand	X 70	47.7	1,067	34.3
<b>PTT</b>		<b>ThirdTransProj.</b>	<b>Sourgas 5</b>	<b>48,000</b>	<b>914</b>	<b>16.3</b>
2005	y	Thailand	X 70	119.0		
<b>QATARGAS</b>		<b>Qatargas Upstream Developm.</b>	<b>Sourgas 3</b>	<b>35,500</b>	<b>813</b>	<b>22.2</b>
1994	y	Qatar	X 65	82.0	831	31.1
<b>QATARPET</b>		<b>Khuff Gas Line Replacement</b>	<b>Sourgas 3</b>	<b>28,300</b>	<b>508</b>	<b>17.5</b>
2001	n	Qatar	X 65	103.1	914	19.1
<b>RASGAS</b>		<b>Rasgas Offshore Expansion</b>	<b>Sourgas 3</b>	<b>70,900</b>	<b>970</b>	<b>27.8</b>
2002	y	Qatar	X 65	108.3	981	33.1
<b>RASGAS</b>		<b>Rasgas Offshore Expansion</b>	<b>Sourgas 3</b>	<b>62,900</b>	<b>970</b>	<b>27.8</b>
2004	y	Qatar	X 65	98.2	981	29.5
<b>REPSOL</b>		<b>Repsol PL Project</b>	<b>Oil</b>	<b>20,300</b>	<b>762</b>	<b>9.5</b>
1997	n	Libya	X 42	115.0		
<b>RUHRGAS</b>		<b>Lauterbach-Vitzeroda</b>	<b>Gas</b>	<b>9,050</b>	<b>1,016</b>	<b>14.8</b>
1991	n	Germany	StE 480.7	23.8		15.7
<b>RUHRGAS</b>		<b>Schluetch.Lauter</b>	<b>Gas</b>	<b>64,430</b>	<b>1,220</b>	<b>18.3</b>
1992	n	Germany	GRS 550	115.5		19.4
<b>RUHRGAS</b>		<b>Werne Wetter</b>	<b>Gas</b>	<b>81,200</b>	<b>1,220</b>	<b>18.3</b>
1993	n	Germany	GRS 550	144.0		19.4
<b>RUHRGAS</b>		<b>Steinitz-Bernau</b>	<b>Gas</b>	<b>46,300</b>	<b>1,120</b>	<b>16.2</b>
1994	n	Germany	StE 480.7	101.0		19.1
<b>RUHRGAS</b>		<b>Wardenburg-Werne</b>	<b>Gas</b>	<b>107,070</b>	<b>1,220</b>	<b>17.6</b>
1995	n	Germany	StE 480.7	200.0		20.8
<b>RUHRGAS</b>		<b>Bernau-Blumberg</b>	<b>Gas</b>	<b>4,600</b>	<b>1,118</b>	<b>16.2</b>
1996	n	Germany	StE 480.7	10.2		19.1
<b>RUHRGAS</b>		<b>Kienbaum-Börnিকে</b>	<b>Gas</b>	<b>20,900</b>	<b>1,118</b>	<b>17.2</b>
2003	n	Germany	StE 480.7	41.9		
<b>SADRA</b>		<b>South Pars Proj. Phase 6, 7 &amp; 8</b>	<b>Sourgas 3</b>	<b>130,000</b>	<b>813</b>	<b>15.9</b>
2003	y	Iran	X 65	317.0	829	28.8
<b>SAUDI ARAM</b>		<b>Abu Safah Project</b>	<b>Sourgas 5</b>	<b>44,100</b>	<b>508</b>	<b>15.9</b>
2003	y	Iran	X 60	79.3	1,067	25.4
<b>SHELL</b>		<b>EGGS</b>	<b>Sourgas 3</b>	<b>43,500</b>	<b>1,016</b>	<b>19.1</b>
2004	y	Nigeria	L450 MCS	87.0		
<b>SONACH</b>		<b>GR II</b>	<b>Gas</b>	<b>74,600</b>	<b>1,220</b>	<b>12.7</b>
1995	n	Algeria	X 70	173.0		22.2
<b>SPP</b>		<b>Slov. Transit</b>	<b>Gas</b>	<b>39,800</b>	<b>1,420</b>	<b>15.6</b>
1994	n	Slovakia	StE 480.7	68.0		25.1
<b>SPP</b>		<b>Slov. Transit</b>	<b>Gas</b>	<b>42,800</b>	<b>1,420</b>	<b>15.6</b>
1995	n	Slovakia	StE 480.7	76.7		25.1
<b>SPP</b>		<b>Slov. Transit</b>	<b>Gas</b>	<b>24,300</b>	<b>1,220</b>	<b>13.5</b>
1996	n	Slovakia	StE 480.7	47.1	1,420	25.1
<b>SPP</b>		<b>Slov. Transit</b>	<b>Gas</b>	<b>52,945</b>	<b>1,420</b>	<b>15.6</b>
1997	n	Slovakia	StE 480.7	91.5		25.1
<b>SPP</b>		<b>- - -</b>	<b>Gas</b>	<b>9,195</b>	<b>1,220</b>	<b>13.5</b>
1998	n	Slovakia	StE 480.7	21.0		21.7
<b>SPP</b>	<b>*1</b>	<b>SPP Servis</b>	<b>Gas</b>	<b>460</b>	<b>610</b>	<b>10.0</b>
2002	n	Slovakia	StE 480.7	3.1		
<b>STATOIL</b>		<b>Zeepipe -</b>	<b>Gas</b>	<b>17,875</b>	<b>1,016</b>	<b>24.2</b>
1991	y	Norway	X 65	30.1		
<b>STATOIL</b>		<b>Sleipner Conden</b>	<b>Gascond.</b>	<b>28,905</b>	<b>508</b>	<b>14.9</b>
1991	y	Norway	X 60	159.1		
<b>STATOIL</b>		<b>Sleipner Conden</b>	<b>Gascond.</b>	<b>360</b>	<b>914</b>	<b>12.7</b>
1991	n	Norway	X 52	1.3		
<b>STATOIL</b>		<b>Sleipner Conden</b>	<b>Gascond.</b>	<b>6,005</b>	<b>508</b>	<b>17.9</b>
1991	y	Norway	X 60	26.2		21.5
<b>STATOIL</b>		<b>Zeepipe IIA</b>	<b>Gas</b>	<b>53,900</b>	<b>1,019</b>	<b>26.1</b>
1994	y	Norway	X 65	83.3		
<b>STATOIL</b>		<b>Zeepipe IIA</b>	<b>Gas</b>	<b>74,090</b>	<b>1,023</b>	<b>28.4</b>
1994	y	Norway	X 65	105.7		

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<b>STATOIL</b>		<b>Norfra Project</b>	<b>Gas</b>	<b>83,235</b>	<b>1,067</b>	<b>25.3</b>
1996	y	Norway	X 65	127.0	1,077	30.3
<b>STATOIL</b>		<b>Zeepipe IIB</b>	<b>Gas</b>	<b>139,960</b>	<b>1,016</b>	<b>28.6</b>
1996	y	Norway	X 65	200.0		28.9
<b>STATOIL</b>		<b>Europipe II</b>	<b>Gas</b>	<b>3,290</b>	<b>1,016</b>	<b>28.5</b>
1997	n	Norway	X 70	4.7		
<b>STATOIL</b>		<b>Europipe II</b>	<b>Gas</b>	<b>8,000</b>	<b>1,067</b>	<b>29.8</b>
1997	n	Norway	X 70	10.4		
<b>STATOIL</b>		<b>Europipe II</b>	<b>Gas</b>	<b>119,900</b>	<b>1,067</b>	<b>25.0</b>
1997	y	Norway	X 70	176.4		27.2
<b>STATOIL</b>		<b>Asgard Developm.</b>	<b>Sourgas 3</b>	<b>166,520</b>	<b>1,067</b>	<b>29.8</b>
1998	y	Norway	X 65	206.8		31.9
<b>STATOIL</b>		<b>Asgard Developm.</b>	<b>Sourgas 3</b>	<b>20,720</b>	<b>1,067</b>	<b>37.9</b>
1998	n	Norway	X 65	21.1		
<b>STATOIL</b>		<b>Asgard Developm.</b>	<b>Sourgas 3</b>	<b>13,190</b>	<b>1,067</b>	<b>30.7</b>
1998	y	Norway	X 65	16.6		32.3
<b>STATOIL</b>		<b>Gullfaks Sat II</b>	<b>Gas</b>	<b>11,680</b>	<b>610</b>	<b>22.2</b>
1999	y	Norway	450 FD	35.6		
<b>STATOIL</b>		<b>Huldra Gas Exp.</b>	<b>Gas</b>	<b>31,280</b>	<b>559</b>	<b>15.1</b>
1999	y	Norway	450 FD	152.4		21.4
<b>STATOIL</b>		<b>Langeled</b>	<b>Gas</b>	<b>630,000</b>	<b>1,074</b>	<b>23.3</b>
2004-2006	y	Noway	L485 IFD	835.0	1,114	34.1
<b>TRANSCO</b>		<b>H.-S. Willoughby</b>	<b>Gas</b>	<b>20,880</b>	<b>1,219</b>	<b>15.1</b>
2001	n	U.K.	X 80	42.0		21.8
<b>TRANSCO</b>		<b>Cambridge Matching Green</b>	<b>Gas</b>	<b>20,875</b>	<b>1,219</b>	<b>14.3</b>
2002	n	U.K.	L555 MB	47.1		20.6
<b>TRANSCO</b>		<b>Bacton to Kingsley</b>	<b>Gas</b>	<b>30,390</b>	<b>1,219</b>	<b>14.3</b>
2003	n	U.K.	L555 MB	69.1		20.6
<b>TRANSGAS</b>		<b>- - -</b>	<b>Gas</b>	<b>6,370</b>	<b>920</b>	<b>12.2</b>
1991	n	Czech Republic	StE 415.7	20.9		16.7
<b>TRANSGAS</b>		<b>Stegal-Connect.</b>	<b>Gas</b>	<b>600</b>	<b>920</b>	<b>11.6</b>
1991	n	Czech Republic	StE 480.7	2.0		13.8
<b>TRANSGAS</b>		<b>Braz.-Vojkovice</b>	<b>Gas</b>	<b>6,940</b>	<b>1,020</b>	<b>11.4</b>
1999	n	Czech Republic	StE 480.7	24.5		
<b>TRANSGAS</b>		<b>- - -</b>	<b>Gas</b>	<b>3,530</b>	<b>1,016</b>	<b>14.8</b>
2000	n	Czech Republic	L485 MB	9.5		
<b>TSU</b>		<b>Repsol</b>	<b>Oil</b>	<b>21,595</b>	<b>762</b>	<b>9.5</b>
1995	n	Libya	X 42	122.5		
<b>WINGAS</b>		<b>Stegal</b>	<b>Gas</b>	<b>81,900</b>	<b>813</b>	<b>11.9</b>
1991	n	Germany	StE 480.7	330.0	914	20.2
<b>WINGAS</b>		<b>Midal</b>	<b>Gas</b>	<b>191,090</b>	<b>813</b>	<b>11.9</b>
1993	n	Germany	StE 480.7	608.6	1,016	17.3
<b>WINGAS</b>		<b>Wedal 1</b>	<b>Gas</b>	<b>23,450</b>	<b>813</b>	<b>13.4</b>
1996	n	Germany	StE 480.7	86.0		
<b>WINGAS</b>	*1	<b>Station Mallnow</b>	<b>Gas</b>	<b>7,600</b>	<b>1,420</b>	<b>20.4</b>
1996	n	Germany	StE 480.7	10.5		
<b>WINGAS</b>		<b>Jagal 1</b>	<b>Gas</b>	<b>60,000</b>	<b>1,220</b>	<b>20.0</b>
1997	n	Germany	StE 480.7	99.3		
<b>WINGAS</b>		<b>Jagal 2</b>	<b>Gas</b>	<b>139,000</b>	<b>1,220</b>	<b>20.0</b>
1998	n	Germany	StE 480.7	229.4		

**TOTAL: 6,548,422 tonnes**  
**13,518.5 km**

\*1 nominal single length 12.2 m

\*2 nominal single length 11.7 m

**Explanation of Customers Abbreviation**

<b>Abbreviation</b>	<b>Customer</b>	<b>City</b>	<b>Country</b>
ADCO	Abu Dhabi Company for Onshore Oil Operations	Abu Dhabi	U.A.E.
ADNOC	Abu Dhabi National Oil Co.	Abu Dhabi	U.A.E.
AIOC	Azerbaijan Internat. Operating Company	Baku / London	Azerbaijan / U.K.
ATHEER*	Abu Dhabi Gas Co. (GASCO)	Abu Dhabi	U.A.E.
BAPETCO	Badr el Din Petroleum Co.	Kairo	Egypt
BOTAS	Botas	Ankara	Turkey
CNRL	Canadian Natural Resources Ltd.	Calgary	Canada
CPMEC	China Petroleum Mat. & Equip. Corp.	Beijing	China
CPP	Cesky plynarensky podnik Transgas	Praha	Czech Republic
DONG	Dansk Olie und Naturgas A/S	Hoersholm	Denmark
ELF QATAR	Elf Petroleum Qatar	Doha	Qatar
EXXONMOBIL	ExxonMobil Development Company	Houston	USA
FERROM	Ferromet	Praha	Czech Republic
GAZPROM	Gazprom	Moscow	Russia
GDF	Gas de France	Paris	France
GULFSTREAM	Gulfstream (Williams Transco & Duke Energy)	Houston	USA
HYUNDAI	Hyundai Heavy Industries Co., Ltd.	Ulsan	Korea
KALANAFT	Kala Naft Company	Teheran	Iran
KUWAIT OIL	Kuwait Oil Co.	Ahmadi	Kuwait
MAERSK	Maersk Oil and Gas	Esbjerg	Denmark
MEGAL	Mitteleuropaeische Gasleitungs-Gesellschaft	Essen	Germany
MINPECO	Minmetal Petroleum Material Co. Ltd.	Beijing	China
NGC	National Gas Company	Port of Spain	Trinidad & Tobago
NIGC	National Iranian Gas Company	Tehran	Iran
NORHYDRO	Norsk Hydro ASA	Oslo	Norway
OGP	OGP Technical Services SDN	Khartoum	Sudan
OMVTAG	OMV Erdgas GmbH Arbeitsgruppe TAG	Wien	Austria
ONGC	Oil & Natural Gas Co.	Delhi	India
PDO	Petroleum Development Oman	Muscat	Oman
PETROBEL	Belayim Petroleum Co.	Kairo	Egypt
PTT	PTT Public Company Ltd.	Bangkok	Thailand
QATARGAS	Qatar Liquefied Gas Company Ltd.	Doha	Qatar
QATARPET	Qatar Petroleum Company Ltd.	Doha	Qatar
RASGAS	RasGas	Doha	Qatar
REPSOL	Repsol	Madrid	Spain
RUHRGAS	Ruhr gas AG	Essen	Germany
SADRA	SADRA	Tehran	Iran
SAUDI ARAM	Saudi Arabian Oil Company	Dhahran	Saudi Arabien
SHELL SPDC	Shell Petroleum Dev. Company	Port Harcourt	Nigeria
SONACH	Sonatrach	Sidi Arcine	Algeria
SPP	Slovensky plynarensky priemysel s.p.	Bratislava	Slovakia
STATOIL	Den Norske Stats Oljeselskap	Stavanger	Norway
TRANSCO	Transco	Newcastle	U.K.
TRANSGAS	Transgas	Praha	Czech Republic
TSU	Thyssen Stahl Union	Düsseldorf	Germany
WINGAS	Wingas GmbH	Kassel	Germany

\* The company "ATHEER" is renamed in "GASCO"