

## Changes to Argus Crude effective 1 June 2007

Argus is renaming the key “Dated BFO” crude value to become “North Sea Dated” crude. This does not affect the methodology of the quotation. The price series is continuous.

This change has been provoked by the need to clarify terminology. It separates the nomenclature of the quotation from a description of the methodology used to construct the quotation.

The change has knock on effects as many other crudes are assessed as a differential to this key dated price, these are also unaffected in methodology and are continuous series also.

### Legacy g-code data files

The following BFO dated code is changed

G code	New Description	Price type	Old Description (up to 31 May 2007)
GCBFO011L	ARGUS, NORTH SEA DATED	Bid	ARGUS, BFO, LONDON 16:30 HOURS, DATED
GCBFO011H	ARGUS, NORTH SEA DATED	Ask	ARGUS, BFO, LONDON 16:30 HOURS, DATED

The series that are differential to this (or to the monthly average of BFO dated) are :-

G code	New Description	Price type	Old Description (up to 31 May 2007)
GCAZLT01\$	ARGUS, AZERI LIGHT, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, AZERI LIGHT, DIFFERENTIAL TO DATED BFO
GCDLCALF\$	ARGUS, AZERI LIGHT, NETBACK FOB SUPSA, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, AZERI LIGHT, NETBACK FOB SUPSA, DIFFERENTIAL TO DATED BFO
GCDHC109\$	ARGUS, BONNY LIGHT, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, BONNY LIGHT, DIFFERENTIAL TO DATED BFO
GCDHC111\$	ARGUS, BRASS RIVER, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, BRASS RIVER, DIFFERENTIAL TO DATED BFO
GCDHC114\$	ARGUS, CABINDA, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, CABINDA, DIFFERENTIAL TO DATED BFO
GCDHC085\$	ARGUS, CPC BLEND, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, CPC BLEND, DIFFERENTIAL TO DATED BFO
GCPCBLDF\$	ARGUS, CPC BLEND, TERMINAL, FOB, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, CPC BLEND, TERMINAL, FOB, DATED, DIFFERENTIAL TO DATED BFO
GCDHC086\$	ARGUS, DRUZHBA, FIT CZECH REPUBLIC, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, DRUZHBA, FIT CZECH REPUBLIC, DIFFERENTIAL TO DATED BFO

<b>G code</b>	<b>New Description</b>	<b>Price type</b>	<b>Old Description (up to 31 May 2007)</b>
GCDLCZEC\$	ARGUS, DRUZHBA, FIT CZECH REPUBLIC, MONTHLY PRICE, DIFF TO N.SEA DTD MTH AVG	Differential Midpoint	ARGUS, DRUZHBA, FIT CZECH REPUBLIC, MONTHLY PRICE, DIFF TO DTD BFO MTH AVG
GCDHC090\$	ARGUS, DRUZHBA, FIT GERMANY, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, DRUZHBA, FIT GERMANY, DIFFERENTIAL TO DATED BFO
GCDLCGER\$	ARGUS, DRUZHBA, FIT GERMANY, MONTHLY PRICE, DIFF TO N.SEA DTD MTH AVG	Differential Midpoint	ARGUS, DRUZHBA, FIT GERMANY, MONTHLY PRICE, DIFF TO DTD BFO MTH AVG
GCDHC088\$	ARGUS, DRUZHBA, FIT HUNGARY, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, DRUZHBA, FIT HUNGARY, DIFFERENTIAL TO DATED BFO
GCDLCHUN\$	ARGUS, DRUZHBA, FIT HUNGARY, MONTHLY PRICE, DIFF TO N.SEA DTD MTH AVG	Differential Midpoint	ARGUS, DRUZHBA, FIT HUNGARY, MONTHLY PRICE, DIFF TO DTD BFO MTH AVG
GCDHC089\$	ARGUS, DRUZHBA, FIT POLAND, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, DRUZHBA, FIT POLAND, DIFFERENTIAL TO DATED BFO
GCDLCPOD\$	ARGUS, DRUZHBA, FIT POLAND, MONTHLY PRICE, DIFF TO N.SEA DTD MTH AVG	Differential Midpoint	ARGUS, DRUZHBA, FIT POLAND, MONTHLY PRICE, DIFF TO DTD BFO MTH AVG
GCDHC087\$	ARGUS, DRUZHBA, FIT SLOVAKIA, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, DRUZHBA, FIT SLOVAKIA, DIFFERENTIAL TO DATED BFO
GCDLCSLO\$	ARGUS, DRUZHBA, FIT SLOVAKIA, MONTHLY PRICE, DIFF TO N.SEA DTD MTH AVG	Differential Midpoint	ARGUS, DRUZHBA, FIT SLOVAKIA, MONTHLY PRICE, DIFF TO DTD BFO MTH AVG
GCDHC079\$	ARGUS, EKOFISK, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, EKOFISK, DIFFERENTIAL TO DATED BFO
GCDHC102\$	ARGUS, ES SIDER, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, ES SIDER, DIFFERENTIAL TO DATED BFO
GCESCR01\$	ARGUS, ESCRAVOS, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, ESCRAVOS, DIFFERENTIAL TO DATED BFO
GCDHC078\$	ARGUS, FLOTTA, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, FLOTTA, DIFFERENTIAL TO DATED BFO
GCDHC112\$	ARGUS, FORCADOS, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, FORCADOS, DIFFERENTIAL TO DATED BFO
GCDHC077\$	ARGUS, FORTIES, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, FORTIES, DIFFERENTIAL TO DATED BFO
GCGIRALH\$	ARGUS, GIRASSOL, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, GIRASSOL, DIFFERENTIAL TO DATED BFO
GCDLC001\$	ARGUS, GULLFAKS, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, GULLFAKS, DIFFERENTIAL TO DATED BFO
GCDH508\$H	ARGUS, HIBERNIA, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Ask	ARGUS, HIBERNIA, DATED, DIFFERENTIAL TO DATED BFO
GCDH508\$L	ARGUS, HIBERNIA, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Bid	ARGUS, HIBERNIA, DATED, DIFFERENTIAL TO DATED BFO
GCHUNGOL\$	ARGUS, HUNGO, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, HUNGO, DATED, DIFFERENTIAL TO DATED BFO
GCDHC104\$	ARGUS, IRAN HEAVY, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, IRAN HEAVY, DIFFERENTIAL TO DATED BFO
GCDHC105\$	ARGUS, IRAN LIGHT, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, IRAN LIGHT, DIFFERENTIAL TO DATED BFO

<b>G code</b>	<b>New Description</b>	<b>Price type</b>	<b>Old Description (up to 31 May 2007)</b>
GCDHC108\$	ARGUS, KIRKUK, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, KIRKUK, DIFFERENTIAL TO DATED BFO
GCKUMKLD\$	ARGUS, KUMKOL, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, KUMKOL, DATED, DIFFERENTIAL TO DATED BFO
GCDHC080\$	ARGUS, OSEBERG, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, OSEBERG, DIFFERENTIAL TO DATED BFO
GCDHC113\$	ARGUS, QUA IBOE, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, QUA IBOE, DIFFERENTIAL TO DATED BFO
GCDHC107\$	ARGUS, SAHARAN BLEND, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, SAHARAN BLEND, DIFFERENTIAL TO DATED BFO
GCDHC084\$	ARGUS, SIBERIAN LIGHT, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, SIBERIAN LIGHT, DIFFERENTIAL TO DATED BFO
GCDHC081\$	ARGUS, STATFJORD, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, STATFJORD, DIFFERENTIAL TO DATED BFO
GCDHC106\$	ARGUS, SUEZ BLEND, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, SUEZ BLEND, DIFFERENTIAL TO DATED BFO
GCDHC103\$	ARGUS, SYRIAN LIGHT, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, SYRIAN LIGHT, DIFFERENTIAL TO DATED BFO
GCDH529\$H	ARGUS, TERRA NOVA, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Ask	ARGUS, TERRA NOVA, DATED, DIFFERENTIAL TO DATED BFO
GCDH529\$L	ARGUS, TERRA NOVA, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Bid	ARGUS, TERRA NOVA, DATED, DIFFERENTIAL TO DATED BFO
GCDHC083\$	ARGUS, URALS, CIF, MED, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, URALS, CIF, MED, DIFFERENTIAL TO DATED BFO
GCDHC082\$	ARGUS, URALS, CIF, NWE, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, URALS, CIF, NWE, DIFFERENTIAL TO DATED BFO
GCURNBBS\$	ARGUS, URALS, NETBACK FOB NOVOROSSIYSK, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, URALS, NETBACK FOB NOVOROSSIYSK, DIFFERENTIAL TO DATED BFO
GCURNBBT\$	ARGUS, URALS, NETBACK FOB PRIMORSK, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, URALS, NETBACK FOB PRIMORSK, DIFFERENTIAL TO DATED BFO
GCZAFILD\$	ARGUS, ZAFIRO, DATED, DIFFERENTIAL TO NORTH SEA DATED	Differential Midpoint	ARGUS, ZAFIRO, DATED, DIFFERENTIAL TO DATED BFO

## Changes to Argus PA-code data files (current version 2)

The following PA-code is being renamed:-

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis	Old Description
PA0001723	20	1	0	North Sea Dated	03-Oct-2005		BFO	BFO dated
PA0001723	20	2	0	North Sea Dated	03-Oct-2005		BFO	BFO dated

The following PA-codes are having new differential bases assigned effective 1 June 2007:-

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000034	4	1	0	Azeri Light	31-Mar-2003	31-May-2007	BFO dated
PA0000034	4	2	0	Azeri Light	31-Mar-2003	31-May-2007	BFO dated
PA0000034	4	3	0	Azeri Light	31-Mar-2003	31-May-2007	BFO dated
PA0000034	4	1	0	Azeri Light	01-Jun-2007		North Sea Dated
PA0000034	4	2	0	Azeri Light	01-Jun-2007		North Sea Dated
PA0000034	4	3	0	Azeri Light	01-Jun-2007		North Sea Dated
PA0003910	4	1	0	Azeri Light netback fob Supsa	03-Jan-2006	31-May-2007	BFO dated
PA0003910	4	2	0	Azeri Light netback fob Supsa	03-Jan-2006	31-May-2007	BFO dated
PA0003910	4	3	0	Azeri Light netback fob Supsa	03-Jan-2006	31-May-2007	BFO dated
PA0003910	4	1	0	Azeri Light netback fob Supsa	01-Jun-2007		North Sea Dated
PA0003910	4	2	0	Azeri Light netback fob Supsa	01-Jun-2007		North Sea Dated
PA0003910	4	3	0	Azeri Light netback fob Supsa	01-Jun-2007		North Sea Dated
PA0000048	4	1	0	Bonny Light	31-Mar-2003	31-May-2007	BFO dated
PA0000048	4	2	0	Bonny Light	31-Mar-2003	31-May-2007	BFO dated
PA0000048	4	3	0	Bonny Light	31-Mar-2003	31-May-2007	BFO dated
PA0000048	4	1	0	Bonny Light	01-Jun-2007		North Sea Dated
PA0000048	4	2	0	Bonny Light	01-Jun-2007		North Sea Dated
PA0000048	4	3	0	Bonny Light	01-Jun-2007		North Sea Dated
PA0000061	4	1	0	Brass River	31-Mar-2003	31-May-2007	BFO dated
PA0000061	4	2	0	Brass River	31-Mar-2003	31-May-2007	BFO dated
PA0000061	4	3	0	Brass River	31-Mar-2003	31-May-2007	BFO dated
PA0000061	4	1	0	Brass River	01-Jun-2007		North Sea Dated
PA0000061	4	2	0	Brass River	01-Jun-2007		North Sea Dated
PA0000061	4	3	0	Brass River	01-Jun-2007		North Sea Dated
PA0000087	20	1	0	Brent	03-Oct-2005	31-May-2007	BFO dated
PA0000087	20	2	0	Brent	03-Oct-2005	31-May-2007	BFO dated
PA0000087	20	1	0	Brent	01-Jun-2007		North Sea Dated
PA0000087	20	2	0	Brent	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0004249	4	1	0	BTC	12-Jun-2006	31-May-2007	BFO dated
PA0004249	4	2	0	BTC	12-Jun-2006	31-May-2007	BFO dated
PA0004249	4	3	0	BTC	12-Jun-2006	31-May-2007	BFO dated
PA0004249	4	1	0	BTC	01-Jun-2007		North Sea Dated
PA0004249	4	2	0	BTC	01-Jun-2007		North Sea Dated
PA0004249	4	3	0	BTC	01-Jun-2007		North Sea Dated
PA0004250	4	1	0	BTC netback fob Ceyhan	12-Jun-2006	31-May-2007	BFO dated
PA0004250	4	2	0	BTC netback fob Ceyhan	12-Jun-2006	31-May-2007	BFO dated
PA0004250	4	3	0	BTC netback fob Ceyhan	12-Jun-2006	31-May-2007	BFO dated
PA0004250	4	1	0	BTC netback fob Ceyhan	01-Jun-2007		North Sea Dated
PA0004250	4	2	0	BTC netback fob Ceyhan	01-Jun-2007		North Sea Dated
PA0004250	4	3	0	BTC netback fob Ceyhan	01-Jun-2007		North Sea Dated
PA0000077	4	1	0	Cabinda Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000077	4	2	0	Cabinda Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000077	4	3	0	Cabinda Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000077	4	1	0	Cabinda Blend	01-Jun-2007		North Sea Dated
PA0000077	4	2	0	Cabinda Blend	01-Jun-2007		North Sea Dated
PA0000077	4	3	0	Cabinda Blend	01-Jun-2007		North Sea Dated
PA0000231	4	1	0	CPC Blend (Tengiz)	31-Mar-2003	31-May-2007	BFO dated
PA0000231	4	2	0	CPC Blend (Tengiz)	31-Mar-2003	31-May-2007	BFO dated
PA0000231	4	3	0	CPC Blend (Tengiz)	31-Mar-2003	31-May-2007	BFO dated
PA0000231	4	1	0	CPC Blend (Tengiz)	01-Jun-2007		North Sea Dated
PA0000231	4	2	0	CPC Blend (Tengiz)	01-Jun-2007		North Sea Dated
PA0000231	4	3	0	CPC Blend (Tengiz)	01-Jun-2007		North Sea Dated
PA0002373	4	1	0	CPC Blend (Tengiz) fob	08-Dec-2003	31-May-2007	BFO dated
PA0002373	4	2	0	CPC Blend (Tengiz) fob	08-Dec-2003	31-May-2007	BFO dated
PA0002373	4	3	0	CPC Blend (Tengiz) fob	08-Dec-2003	31-May-2007	BFO dated
PA0002373	4	1	0	CPC Blend (Tengiz) fob	01-Jun-2007		North Sea Dated
PA0002373	4	2	0	CPC Blend (Tengiz) fob	01-Jun-2007		North Sea Dated
PA0002373	4	3	0	CPC Blend (Tengiz) fob	01-Jun-2007		North Sea Dated
PA0004586	4	1	0	Dalia	14-May-2007	31-May-2007	BFO dated
PA0004586	4	2	0	Dalia	14-May-2007	31-May-2007	BFO dated
PA0004586	4	3	0	Dalia	14-May-2007	31-May-2007	BFO dated
PA0004586	4	1	0	Dalia	01-Jun-2007		North Sea Dated
PA0004586	4	2	0	Dalia	01-Jun-2007		North Sea Dated
PA0004586	4	3	0	Dalia	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0002656	20	6	1	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	20	7	1	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	20	6	2	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	20	7	2	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	20	6	3	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	20	7	3	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	20	6	1	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	20	7	1	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	20	6	2	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	20	7	2	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	20	6	3	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	20	7	3	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002657	20	6	1	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	20	7	1	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	20	6	2	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	20	7	2	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	20	6	1	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002657	20	7	1	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002657	20	6	2	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002657	20	7	2	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002278	20	6	1	Dated to Frontline (DFL) year	03-Oct-2005	31-May-2007	BFO dated
PA0002278	20	7	1	Dated to Frontline (DFL) year	03-Oct-2005	31-May-2007	BFO dated
PA0002278	20	6	1	Dated to Frontline (DFL) year	01-Jun-2007		North Sea Dated
PA0002278	20	7	1	Dated to Frontline (DFL) year	01-Jun-2007		North Sea Dated
PA0000088	4	1	0	Druzhba Czech	31-Mar-2003	31-May-2007	BFO dated
PA0000088	4	2	0	Druzhba Czech	31-Mar-2003	31-May-2007	BFO dated
PA0000088	4	3	0	Druzhba Czech	31-Mar-2003	31-May-2007	BFO dated
PA0000088	4	1	0	Druzhba Czech	01-Jun-2007		North Sea Dated
PA0000088	4	2	0	Druzhba Czech	01-Jun-2007		North Sea Dated
PA0000088	4	3	0	Druzhba Czech	01-Jun-2007		North Sea Dated
PA0003396	4	3	0	Druzhba Czech monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003396	4	1	0	Druzhba Czech monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003396	4	2	0	Druzhba Czech monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003396	4	3	0	Druzhba Czech monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003396	4	2	0	Druzhba Czech monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003396	4	1	0	Druzhba Czech monthly price	01-Jun-2007		North Sea Dtd mth avg

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000089	4	1	0	Druzhba German	31-Mar-2003	31-May-2007	BFO dated
PA0000089	4	2	0	Druzhba German	31-Mar-2003	31-May-2007	BFO dated
PA0000089	4	3	0	Druzhba German	31-Mar-2003	31-May-2007	BFO dated
PA0000089	4	1	0	Druzhba German	01-Jun-2007		North Sea Dated
PA0000089	4	2	0	Druzhba German	01-Jun-2007		North Sea Dated
PA0000089	4	3	0	Druzhba German	01-Jun-2007		North Sea Dated
PA0003400	4	1	0	Druzhba Germany monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003400	4	2	0	Druzhba Germany monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003400	4	3	0	Druzhba Germany monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003400	4	1	0	Druzhba Germany monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003400	4	2	0	Druzhba Germany monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003400	4	3	0	Druzhba Germany monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0000090	4	1	0	Druzhba Hungary	31-Mar-2003	31-May-2007	BFO dated
PA0000090	4	2	0	Druzhba Hungary	31-Mar-2003	31-May-2007	BFO dated
PA0000090	4	3	0	Druzhba Hungary	31-Mar-2003	31-May-2007	BFO dated
PA0000090	4	1	0	Druzhba Hungary	01-Jun-2007		North Sea Dated
PA0000090	4	2	0	Druzhba Hungary	01-Jun-2007		North Sea Dated
PA0000090	4	3	0	Druzhba Hungary	01-Jun-2007		North Sea Dated
PA0003398	4	1	0	Druzhba Hungary monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003398	4	2	0	Druzhba Hungary monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003398	4	3	0	Druzhba Hungary monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003398	4	1	0	Druzhba Hungary monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003398	4	3	0	Druzhba Hungary monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003398	4	2	0	Druzhba Hungary monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003399	4	1	0	Druzhba Poland monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003399	4	3	0	Druzhba Poland monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003399	4	2	0	Druzhba Poland monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003399	4	3	0	Druzhba Poland monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003399	4	2	0	Druzhba Poland monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003399	4	1	0	Druzhba Poland monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0000091	4	1	0	Druzhba Polish	31-Mar-2003	31-May-2007	BFO dated
PA0000091	4	2	0	Druzhba Polish	31-Mar-2003	31-May-2007	BFO dated
PA0000091	4	3	0	Druzhba Polish	31-Mar-2003	31-May-2007	BFO dated
PA0000091	4	1	0	Druzhba Polish	01-Jun-2007		North Sea Dated
PA0000091	4	2	0	Druzhba Polish	01-Jun-2007		North Sea Dated
PA0000091	4	3	0	Druzhba Polish	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000092	4	1	0	Druzhba Slovak	31-Mar-2003	31-May-2007	BFO dated
PA0000092	4	2	0	Druzhba Slovak	31-Mar-2003	31-May-2007	BFO dated
PA0000092	4	3	0	Druzhba Slovak	31-Mar-2003	31-May-2007	BFO dated
PA0000092	4	1	0	Druzhba Slovak	01-Jun-2007		North Sea Dated
PA0000092	4	2	0	Druzhba Slovak	01-Jun-2007		North Sea Dated
PA0000092	4	3	0	Druzhba Slovak	01-Jun-2007		North Sea Dated
PA0003397	4	3	0	Druzhba Slovakia monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003397	4	2	0	Druzhba Slovakia monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003397	4	1	0	Druzhba Slovakia monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003397	4	1	0	Druzhba Slovakia monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003397	4	2	0	Druzhba Slovakia monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003397	4	3	0	Druzhba Slovakia monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0000105	20	1	0	Ekofisk	03-Oct-2005	31-May-2007	BFO dated
PA0000105	20	2	0	Ekofisk	03-Oct-2005	31-May-2007	BFO dated
PA0000105	20	3	0	Ekofisk	03-Oct-2005	31-May-2007	BFO dated
PA0000105	20	1	0	Ekofisk	01-Jun-2007		North Sea Dated
PA0000105	20	2	0	Ekofisk	01-Jun-2007		North Sea Dated
PA0000105	20	3	0	Ekofisk	01-Jun-2007		North Sea Dated
PA0000106	4	2	0	Es Sider	31-Mar-2003	31-May-2007	BFO dated
PA0000106	4	1	0	Es Sider	31-Mar-2003	31-May-2007	BFO dated
PA0000106	4	3	0	Es Sider	31-Mar-2003	31-May-2007	BFO dated
PA0000106	4	2	0	Es Sider	01-Jun-2007		North Sea Dated
PA0000106	4	1	0	Es Sider	01-Jun-2007		North Sea Dated
PA0000106	4	3	0	Es Sider	01-Jun-2007		North Sea Dated
PA0000110	4	1	0	Escravos	31-Mar-2003	31-May-2007	BFO dated
PA0000110	4	3	0	Escravos	31-Mar-2003	31-May-2007	BFO dated
PA0000110	4	2	0	Escravos	31-Mar-2003	31-May-2007	BFO dated
PA0000110	4	2	0	Escravos	01-Jun-2007		North Sea Dated
PA0000110	4	1	0	Escravos	01-Jun-2007		North Sea Dated
PA0000110	4	3	0	Escravos	01-Jun-2007		North Sea Dated
PA0000116	20	3	0	Flotta	03-Oct-2005	31-May-2007	BFO dated
PA0000116	20	1	0	Flotta	03-Oct-2005	31-May-2007	BFO dated
PA0000116	20	2	0	Flotta	03-Oct-2005	31-May-2007	BFO dated
PA0000116	20	3	0	Flotta	01-Jun-2007		North Sea Dated
PA0000116	20	2	0	Flotta	01-Jun-2007		North Sea Dated
PA0000116	20	1	0	Flotta	01-Jun-2007		North Sea Dated



PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000117	4	3	0	Forcados	31-Mar-2003	31-May-2007	BFO dated
PA0000117	4	2	0	Forcados	31-Mar-2003	31-May-2007	BFO dated
PA0000117	4	1	0	Forcados	31-Mar-2003	31-May-2007	BFO dated
PA0000117	4	3	0	Forcados	01-Jun-2007		North Sea Dated
PA0000117	4	2	0	Forcados	01-Jun-2007		North Sea Dated
PA0000117	4	1	0	Forcados	01-Jun-2007		North Sea Dated
PA0000120	20	1	0	Forties	03-Oct-2005	31-May-2007	BFO dated
PA0000120	20	2	0	Forties	03-Oct-2005	31-May-2007	BFO dated
PA0000120	20	3	0	Forties	03-Oct-2005	31-May-2007	BFO dated
PA0000120	20	1	0	Forties	01-Jun-2007		North Sea Dated
PA0000120	20	2	0	Forties	01-Jun-2007		North Sea Dated
PA0000120	20	3	0	Forties	01-Jun-2007		North Sea Dated
PA0001462	4	1	0	Girassol	31-Mar-2003	31-May-2007	BFO dated
PA0001462	4	2	0	Girassol	31-Mar-2003	31-May-2007	BFO dated
PA0001462	4	3	0	Girassol	31-Mar-2003	31-May-2007	BFO dated
PA0001462	4	1	0	Girassol	01-Jun-2007		North Sea Dated
PA0001462	4	3	0	Girassol	01-Jun-2007		North Sea Dated
PA0001462	4	2	0	Girassol	01-Jun-2007		North Sea Dated
PA0003372	20	1	0	Gulfaks	03-Oct-2005	31-May-2007	BFO dated
PA0003372	20	2	0	Gulfaks	03-Oct-2005	31-May-2007	BFO dated
PA0003372	20	3	0	Gulfaks	03-Oct-2005	31-May-2007	BFO dated
PA0003372	20	1	0	Gulfaks	01-Jun-2007		North Sea Dated
PA0003372	20	3	0	Gulfaks	01-Jun-2007		North Sea Dated
PA0003372	20	2	0	Gulfaks	01-Jun-2007		North Sea Dated
PA0002354	3	6	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	3	2	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	3	1	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	3	7	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	3	7	0	Hibernia	01-Jun-2007		North Sea Dated
PA0002354	3	1	0	Hibernia	01-Jun-2007		North Sea Dated
PA0002354	3	2	0	Hibernia	01-Jun-2007		North Sea Dated
PA0002354	3	6	0	Hibernia	01-Jun-2007		North Sea Dated
PA0003146	4	2	0	Hungo	04-Nov-2004	31-May-2007	BFO dated
PA0003146	4	3	0	Hungo	04-Nov-2004	31-May-2007	BFO dated
PA0003146	4	1	0	Hungo	04-Nov-2004	31-May-2007	BFO dated
PA0003146	4	1	0	Hungo	01-Jun-2007		North Sea Dated
PA0003146	4	2	0	Hungo	01-Jun-2007		North Sea Dated
PA0003146	4	3	0	Hungo	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000126	4	1	0	Iranian Heavy	31-Mar-2003	31-May-2007	BFO dated
PA0000126	4	2	0	Iranian Heavy	31-Mar-2003	31-May-2007	BFO dated
PA0000126	4	3	0	Iranian Heavy	31-Mar-2003	31-May-2007	BFO dated
PA0000126	4	1	0	Iranian Heavy	01-Jun-2007		North Sea Dated
PA0000126	4	3	0	Iranian Heavy	01-Jun-2007		North Sea Dated
PA0000126	4	2	0	Iranian Heavy	01-Jun-2007		North Sea Dated
PA0000128	4	3	0	Iranian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000128	4	1	0	Iranian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000128	4	2	0	Iranian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000128	4	1	0	Iranian Light	01-Jun-2007		North Sea Dated
PA0000128	4	2	0	Iranian Light	01-Jun-2007		North Sea Dated
PA0000128	4	3	0	Iranian Light	01-Jun-2007		North Sea Dated
PA0000133	4	2	0	Kirkuk	31-Mar-2003	31-May-2007	BFO dated
PA0000133	4	1	0	Kirkuk	31-Mar-2003	31-May-2007	BFO dated
PA0000133	4	3	0	Kirkuk	31-Mar-2003	31-May-2007	BFO dated
PA0000133	4	3	0	Kirkuk	01-Jun-2007		North Sea Dated
PA0000133	4	1	0	Kirkuk	01-Jun-2007		North Sea Dated
PA0000133	4	2	0	Kirkuk	01-Jun-2007		North Sea Dated
PA0001431	4	2	0	Kumkol	14-Jul-2003	31-May-2007	BFO dated
PA0001431	4	3	0	Kumkol	14-Jul-2003	31-May-2007	BFO dated
PA0001431	4	1	0	Kumkol	14-Jul-2003	31-May-2007	BFO dated
PA0001431	4	1	0	Kumkol	01-Jun-2007		North Sea Dated
PA0001431	4	3	0	Kumkol	01-Jun-2007		North Sea Dated
PA0001431	4	2	0	Kumkol	01-Jun-2007		North Sea Dated
PA0004585	4	1	0	Nemba	14-May-2007	31-May-2007	BFO dated
PA0004585	4	2	0	Nemba	14-May-2007	31-May-2007	BFO dated
PA0004585	4	3	0	Nemba	14-May-2007	31-May-2007	BFO dated
PA0004585	4	1	0	Nemba	01-Jun-2007		North Sea Dated
PA0004585	4	2	0	Nemba	01-Jun-2007		North Sea Dated
PA0004585	4	3	0	Nemba	01-Jun-2007		North Sea Dated
PA0000190	20	3	0	Oseberg	03-Oct-2005	31-May-2007	BFO dated
PA0000190	20	2	0	Oseberg	03-Oct-2005	31-May-2007	BFO dated
PA0000190	20	1	0	Oseberg	03-Oct-2005	31-May-2007	BFO dated
PA0000190	20	3	0	Oseberg	01-Jun-2007		North Sea Dated
PA0000190	20	2	0	Oseberg	01-Jun-2007		North Sea Dated
PA0000190	20	1	0	Oseberg	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000198	4	2	0	Qua Iboe	31-Mar-2003	31-May-2007	BFO dated
PA0000198	4	1	0	Qua Iboe	31-Mar-2003	31-May-2007	BFO dated
PA0000198	4	3	0	Qua Iboe	31-Mar-2003	31-May-2007	BFO dated
PA0000198	4	1	0	Qua Iboe	01-Jun-2007		North Sea Dated
PA0000198	4	3	0	Qua Iboe	01-Jun-2007		North Sea Dated
PA0000198	4	2	0	Qua Iboe	01-Jun-2007		North Sea Dated
PA0000205	4	3	0	Sahara Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000205	4	2	0	Sahara Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000205	4	1	0	Sahara Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000205	4	1	0	Sahara Blend	01-Jun-2007		North Sea Dated
PA0000205	4	2	0	Sahara Blend	01-Jun-2007		North Sea Dated
PA0000205	4	3	0	Sahara Blend	01-Jun-2007		North Sea Dated
PA0000212	4	1	0	Siberian Light Med	31-Mar-2003	31-May-2007	BFO dated
PA0000212	4	2	0	Siberian Light Med	31-Mar-2003	31-May-2007	BFO dated
PA0000212	4	3	0	Siberian Light Med	31-Mar-2003	31-May-2007	BFO dated
PA0000212	4	2	0	Siberian Light Med	01-Jun-2007		North Sea Dated
PA0000212	4	1	0	Siberian Light Med	01-Jun-2007		North Sea Dated
PA0000212	4	3	0	Siberian Light Med	01-Jun-2007		North Sea Dated
PA0000216	20	3	0	Statfjord	03-Oct-2005	31-May-2007	BFO dated
PA0000216	20	1	0	Statfjord	03-Oct-2005	31-May-2007	BFO dated
PA0000216	20	2	0	Statfjord	03-Oct-2005	31-May-2007	BFO dated
PA0000216	20	3	0	Statfjord	01-Jun-2007		North Sea Dated
PA0000216	20	2	0	Statfjord	01-Jun-2007		North Sea Dated
PA0000216	20	1	0	Statfjord	01-Jun-2007		North Sea Dated
PA0000217	4	3	0	Suez Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000217	4	2	0	Suez Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000217	4	1	0	Suez Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000217	4	2	0	Suez Blend	01-Jun-2007		North Sea Dated
PA0000217	4	1	0	Suez Blend	01-Jun-2007		North Sea Dated
PA0000217	4	3	0	Suez Blend	01-Jun-2007		North Sea Dated
PA0000220	4	1	0	Syrian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000220	4	2	0	Syrian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000220	4	3	0	Syrian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000220	4	1	0	Syrian Light	01-Jun-2007		North Sea Dated
PA0000220	4	3	0	Syrian Light	01-Jun-2007		North Sea Dated
PA0000220	4	2	0	Syrian Light	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0002368	3	2	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	3	6	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	3	1	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	3	7	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	3	7	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0002368	3	6	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0002368	3	2	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0002368	3	1	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0000236	4	2	0	Urals Med	31-Mar-2003	31-May-2007	BFO dated
PA0000236	4	1	0	Urals Med	31-Mar-2003	31-May-2007	BFO dated
PA0000236	4	3	0	Urals Med	31-Mar-2003	31-May-2007	BFO dated
PA0000236	4	2	0	Urals Med	01-Jun-2007		North Sea Dated
PA0000236	4	1	0	Urals Med	01-Jun-2007		North Sea Dated
PA0000236	4	3	0	Urals Med	01-Jun-2007		North Sea Dated
PA0003239	4	3	0	Urals netback fob Novorossiysk	07-Feb-2005	31-May-2007	BFO dated
PA0003239	4	2	0	Urals netback fob Novorossiysk	07-Feb-2005	31-May-2007	BFO dated
PA0003239	4	1	0	Urals netback fob Novorossiysk	07-Feb-2005	31-May-2007	BFO dated
PA0003239	4	2	0	Urals netback fob Novorossiysk	01-Jun-2007		North Sea Dated
PA0003239	4	3	0	Urals netback fob Novorossiysk	01-Jun-2007		North Sea Dated
PA0003239	4	1	0	Urals netback fob Novorossiysk	01-Jun-2007		North Sea Dated
PA0003240	4	3	0	Urals netback fob Primorsk	07-Feb-2005	31-May-2007	BFO dated
PA0003240	4	1	0	Urals netback fob Primorsk	07-Feb-2005	31-May-2007	BFO dated
PA0003240	4	2	0	Urals netback fob Primorsk	07-Feb-2005	31-May-2007	BFO dated
PA0003240	4	3	0	Urals netback fob Primorsk	01-Jun-2007		North Sea Dated
PA0003240	4	2	0	Urals netback fob Primorsk	01-Jun-2007		North Sea Dated
PA0003240	4	1	0	Urals netback fob Primorsk	01-Jun-2007		North Sea Dated
PA0000238	4	3	0	Urals NWE	31-Mar-2003	31-May-2007	BFO dated
PA0000238	4	2	0	Urals NWE	31-Mar-2003	31-May-2007	BFO dated
PA0000238	4	1	0	Urals NWE	31-Mar-2003	31-May-2007	BFO dated
PA0000238	4	1	0	Urals NWE	01-Jun-2007		North Sea Dated
PA0000238	4	2	0	Urals NWE	01-Jun-2007		North Sea Dated
PA0000238	4	3	0	Urals NWE	01-Jun-2007		North Sea Dated
PA0001415	4	3	0	Zafiro	14-Jul-2003	31-May-2007	BFO dated
PA0001415	4	2	0	Zafiro	14-Jul-2003	31-May-2007	BFO dated
PA0001415	4	1	0	Zafiro	14-Jul-2003	31-May-2007	BFO dated
PA0001415	4	2	0	Zafiro	01-Jun-2007		North Sea Dated
PA0001415	4	1	0	Zafiro	01-Jun-2007		North Sea Dated
PA0001415	4	3	0	Zafiro	01-Jun-2007		North Sea Dated

## Changes to Argus PA-code data files (new version 3)

The following PA-code is being renamed:-

PA-code	Time stamp	Price type	Continuous forward	New Description	Start date	End date	diff basis	Old Description
PA0001723	6	1	0	North Sea Dated	03-Oct-2005		BFO	BFO dated
PA0001723	6	2	0	North Sea Dated	03-Oct-2005		BFO	BFO dated

The following PA-codes are having new differential bases assigned effective 1 June 2007:-

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000034	6	1	0	Azeri Light	31-Mar-2003	31-May-2007	BFO dated
PA0000034	6	2	0	Azeri Light	31-Mar-2003	31-May-2007	BFO dated
PA0000034	6	3	0	Azeri Light	31-Mar-2003	31-May-2007	BFO dated
PA0000034	6	1	0	Azeri Light	01-Jun-2007		North Sea Dated
PA0000034	6	2	0	Azeri Light	01-Jun-2007		North Sea Dated
PA0000034	6	3	0	Azeri Light	01-Jun-2007		North Sea Dated
PA0003910	6	1	0	Azeri Light netback fob Supsa	03-Jan-2006	31-May-2007	BFO dated
PA0003910	6	2	0	Azeri Light netback fob Supsa	03-Jan-2006	31-May-2007	BFO dated
PA0003910	6	3	0	Azeri Light netback fob Supsa	03-Jan-2006	31-May-2007	BFO dated
PA0003910	6	1	0	Azeri Light netback fob Supsa	01-Jun-2007		North Sea Dated
PA0003910	6	2	0	Azeri Light netback fob Supsa	01-Jun-2007		North Sea Dated
PA0003910	6	3	0	Azeri Light netback fob Supsa	01-Jun-2007		North Sea Dated
PA0000048	6	1	0	Bonny Light	31-Mar-2003	31-May-2007	BFO dated
PA0000048	6	2	0	Bonny Light	31-Mar-2003	31-May-2007	BFO dated
PA0000048	6	3	0	Bonny Light	31-Mar-2003	31-May-2007	BFO dated
PA0000048	6	1	0	Bonny Light	01-Jun-2007		North Sea Dated
PA0000048	6	2	0	Bonny Light	01-Jun-2007		North Sea Dated
PA0000048	6	3	0	Bonny Light	01-Jun-2007		North Sea Dated
PA0000061	6	1	0	Brass River	31-Mar-2003	31-May-2007	BFO dated
PA0000061	6	2	0	Brass River	31-Mar-2003	31-May-2007	BFO dated
PA0000061	6	3	0	Brass River	31-Mar-2003	31-May-2007	BFO dated
PA0000061	6	1	0	Brass River	01-Jun-2007		North Sea Dated
PA0000061	6	2	0	Brass River	01-Jun-2007		North Sea Dated
PA0000061	6	3	0	Brass River	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000087	6	1	0	Brent	03-Oct-2005	31-May-2007	BFO dated
PA0000087	6	2	0	Brent	03-Oct-2005	31-May-2007	BFO dated
PA0000087	6	1	0	Brent	01-Jun-2007		North Sea Dated
PA0000087	6	2	0	Brent	01-Jun-2007		North Sea Dated
PA0004249	6	1	0	BTC	12-Jun-2006	31-May-2007	BFO dated
PA0004249	6	2	0	BTC	12-Jun-2006	31-May-2007	BFO dated
PA0004249	6	3	0	BTC	12-Jun-2006	31-May-2007	BFO dated
PA0004249	6	1	0	BTC	01-Jun-2007		North Sea Dated
PA0004249	6	2	0	BTC	01-Jun-2007		North Sea Dated
PA0004249	6	3	0	BTC	01-Jun-2007		North Sea Dated
PA0004250	6	1	0	BTC netback fob Ceyhan	12-Jun-2006	31-May-2007	BFO dated
PA0004250	6	2	0	BTC netback fob Ceyhan	12-Jun-2006	31-May-2007	BFO dated
PA0004250	6	3	0	BTC netback fob Ceyhan	12-Jun-2006	31-May-2007	BFO dated
PA0004250	6	1	0	BTC netback fob Ceyhan	01-Jun-2007		North Sea Dated
PA0004250	6	2	0	BTC netback fob Ceyhan	01-Jun-2007		North Sea Dated
PA0004250	6	3	0	BTC netback fob Ceyhan	01-Jun-2007		North Sea Dated
PA0000077	6	1	0	Cabinda Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000077	6	2	0	Cabinda Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000077	6	3	0	Cabinda Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000077	6	1	0	Cabinda Blend	01-Jun-2007		North Sea Dated
PA0000077	6	2	0	Cabinda Blend	01-Jun-2007		North Sea Dated
PA0000077	6	3	0	Cabinda Blend	01-Jun-2007		North Sea Dated
PA0000231	6	1	0	CPC Blend (Tengiz)	31-Mar-2003	31-May-2007	BFO dated
PA0000231	6	2	0	CPC Blend (Tengiz)	31-Mar-2003	31-May-2007	BFO dated
PA0000231	6	3	0	CPC Blend (Tengiz)	31-Mar-2003	31-May-2007	BFO dated
PA0000231	6	1	0	CPC Blend (Tengiz)	01-Jun-2007		North Sea Dated
PA0000231	6	2	0	CPC Blend (Tengiz)	01-Jun-2007		North Sea Dated
PA0000231	6	3	0	CPC Blend (Tengiz)	01-Jun-2007		North Sea Dated
PA0002373	6	1	0	CPC Blend (Tengiz) fob	08-Dec-2003	31-May-2007	BFO dated
PA0002373	6	2	0	CPC Blend (Tengiz) fob	08-Dec-2003	31-May-2007	BFO dated
PA0002373	6	3	0	CPC Blend (Tengiz) fob	08-Dec-2003	31-May-2007	BFO dated
PA0002373	6	1	0	CPC Blend (Tengiz) fob	01-Jun-2007		North Sea Dated
PA0002373	6	2	0	CPC Blend (Tengiz) fob	01-Jun-2007		North Sea Dated
PA0002373	6	3	0	CPC Blend (Tengiz) fob	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0004586	6	1	0	Dalia	14-May-2007	31-May-2007	BFO dated
PA0004586	6	2	0	Dalia	14-May-2007	31-May-2007	BFO dated
PA0004586	6	3	0	Dalia	14-May-2007	31-May-2007	BFO dated
PA0004586	6	1	0	Dalia	01-Jun-2007		North Sea Dated
PA0004586	6	2	0	Dalia	01-Jun-2007		North Sea Dated
PA0004586	6	3	0	Dalia	01-Jun-2007		North Sea Dated
PA0002656	6	6	1	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	6	7	1	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	6	6	2	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	6	7	2	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	6	6	3	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	6	7	3	Dated to Frontline (DFL) month	03-Oct-2005	31-May-2007	BFO dated
PA0002656	6	6	1	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	6	7	1	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	6	6	2	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	6	7	2	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	6	6	3	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002656	6	7	3	Dated to Frontline (DFL) month	01-Jun-2007		North Sea Dated
PA0002657	6	6	1	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	6	7	1	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	6	6	2	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	6	7	2	Dated to Frontline (DFL) quarter	03-Oct-2005	31-May-2007	BFO dated
PA0002657	6	6	1	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002657	6	7	1	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002657	6	6	2	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002657	6	7	2	Dated to Frontline (DFL) quarter	01-Jun-2007		North Sea Dated
PA0002278	6	6	1	Dated to Frontline (DFL) year	03-Oct-2005	31-May-2007	BFO dated
PA0002278	6	7	1	Dated to Frontline (DFL) year	03-Oct-2005	31-May-2007	BFO dated
PA0002278	6	6	1	Dated to Frontline (DFL) year	01-Jun-2007		North Sea Dated
PA0002278	6	7	1	Dated to Frontline (DFL) year	01-Jun-2007		North Sea Dated
PA0000088	6	1	0	Druzhiba Czech	31-Mar-2003	31-May-2007	BFO dated
PA0000088	6	2	0	Druzhiba Czech	31-Mar-2003	31-May-2007	BFO dated
PA0000088	6	3	0	Druzhiba Czech	31-Mar-2003	31-May-2007	BFO dated
PA0000088	6	1	0	Druzhiba Czech	01-Jun-2007		North Sea Dated
PA0000088	6	2	0	Druzhiba Czech	01-Jun-2007		North Sea Dated
PA0000088	6	3	0	Druzhiba Czech	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0003396	6	3	0	Druzhba Czech monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003396	6	1	0	Druzhba Czech monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003396	6	2	0	Druzhba Czech monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003396	6	3	0	Druzhba Czech monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003396	6	2	0	Druzhba Czech monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003396	6	1	0	Druzhba Czech monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0000089	6	1	0	Druzhba German	31-Mar-2003	31-May-2007	BFO dated
PA0000089	6	2	0	Druzhba German	31-Mar-2003	31-May-2007	BFO dated
PA0000089	6	3	0	Druzhba German	31-Mar-2003	31-May-2007	BFO dated
PA0000089	6	1	0	Druzhba German	01-Jun-2007		North Sea Dated
PA0000089	6	2	0	Druzhba German	01-Jun-2007		North Sea Dated
PA0000089	6	3	0	Druzhba German	01-Jun-2007		North Sea Dated
PA0003400	6	1	0	Druzhba Germany monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003400	6	2	0	Druzhba Germany monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003400	6	3	0	Druzhba Germany monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003400	6	1	0	Druzhba Germany monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003400	6	2	0	Druzhba Germany monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003400	6	3	0	Druzhba Germany monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0000090	6	1	0	Druzhba Hungary	31-Mar-2003	31-May-2007	BFO dated
PA0000090	6	2	0	Druzhba Hungary	31-Mar-2003	31-May-2007	BFO dated
PA0000090	6	3	0	Druzhba Hungary	31-Mar-2003	31-May-2007	BFO dated
PA0000090	6	1	0	Druzhba Hungary	01-Jun-2007		North Sea Dated
PA0000090	6	2	0	Druzhba Hungary	01-Jun-2007		North Sea Dated
PA0000090	6	3	0	Druzhba Hungary	01-Jun-2007		North Sea Dated
PA0003398	6	1	0	Druzhba Hungary monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003398	6	2	0	Druzhba Hungary monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003398	6	3	0	Druzhba Hungary monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003398	6	1	0	Druzhba Hungary monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003398	6	3	0	Druzhba Hungary monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003398	6	2	0	Druzhba Hungary monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003399	6	1	0	Druzhba Poland monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003399	6	3	0	Druzhba Poland monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003399	6	2	0	Druzhba Poland monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003399	6	3	0	Druzhba Poland monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003399	6	2	0	Druzhba Poland monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003399	6	1	0	Druzhba Poland monthly price	01-Jun-2007		North Sea Dtd mth avg



PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000091	6	1	0	Druzhiba Polish	31-Mar-2003	31-May-2007	BFO dated
PA0000091	6	2	0	Druzhiba Polish	31-Mar-2003	31-May-2007	BFO dated
PA0000091	6	3	0	Druzhiba Polish	31-Mar-2003	31-May-2007	BFO dated
PA0000091	6	1	0	Druzhiba Polish	01-Jun-2007		North Sea Dated
PA0000091	6	2	0	Druzhiba Polish	01-Jun-2007		North Sea Dated
PA0000091	6	3	0	Druzhiba Polish	01-Jun-2007		North Sea Dated
PA0000092	6	1	0	Druzhiba Slovak	31-Mar-2003	31-May-2007	BFO dated
PA0000092	6	2	0	Druzhiba Slovak	31-Mar-2003	31-May-2007	BFO dated
PA0000092	6	3	0	Druzhiba Slovak	31-Mar-2003	31-May-2007	BFO dated
PA0000092	6	1	0	Druzhiba Slovak	01-Jun-2007		North Sea Dated
PA0000092	6	2	0	Druzhiba Slovak	01-Jun-2007		North Sea Dated
PA0000092	6	3	0	Druzhiba Slovak	01-Jun-2007		North Sea Dated
PA0003397	6	3	0	Druzhiba Slovakia monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003397	6	2	0	Druzhiba Slovakia monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003397	6	1	0	Druzhiba Slovakia monthly price	06-Jun-2005	31-May-2007	BFO monthly average
PA0003397	6	1	0	Druzhiba Slovakia monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003397	6	2	0	Druzhiba Slovakia monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0003397	6	3	0	Druzhiba Slovakia monthly price	01-Jun-2007		North Sea Dtd mth avg
PA0000105	6	1	0	Ekofisk	03-Oct-2005	31-May-2007	BFO dated
PA0000105	6	2	0	Ekofisk	03-Oct-2005	31-May-2007	BFO dated
PA0000105	6	3	0	Ekofisk	03-Oct-2005	31-May-2007	BFO dated
PA0000105	6	1	0	Ekofisk	01-Jun-2007		North Sea Dated
PA0000105	6	2	0	Ekofisk	01-Jun-2007		North Sea Dated
PA0000105	6	3	0	Ekofisk	01-Jun-2007		North Sea Dated
PA0000106	6	2	0	Es Sider	31-Mar-2003	31-May-2007	BFO dated
PA0000106	6	1	0	Es Sider	31-Mar-2003	31-May-2007	BFO dated
PA0000106	6	3	0	Es Sider	31-Mar-2003	31-May-2007	BFO dated
PA0000106	6	2	0	Es Sider	01-Jun-2007		North Sea Dated
PA0000106	6	1	0	Es Sider	01-Jun-2007		North Sea Dated
PA0000106	6	3	0	Es Sider	01-Jun-2007		North Sea Dated
PA0000110	6	1	0	Escravos	31-Mar-2003	31-May-2007	BFO dated
PA0000110	6	3	0	Escravos	31-Mar-2003	31-May-2007	BFO dated
PA0000110	6	2	0	Escravos	31-Mar-2003	31-May-2007	BFO dated
PA0000110	6	2	0	Escravos	01-Jun-2007		North Sea Dated
PA0000110	6	1	0	Escravos	01-Jun-2007		North Sea Dated
PA0000110	6	3	0	Escravos	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000116	6	3	0	Flotta	03-Oct-2005	31-May-2007	BFO dated
PA0000116	6	1	0	Flotta	03-Oct-2005	31-May-2007	BFO dated
PA0000116	6	2	0	Flotta	03-Oct-2005	31-May-2007	BFO dated
PA0000116	6	3	0	Flotta	01-Jun-2007		North Sea Dated
PA0000116	6	2	0	Flotta	01-Jun-2007		North Sea Dated
PA0000116	6	1	0	Flotta	01-Jun-2007		North Sea Dated
PA0000117	6	3	0	Forcados	31-Mar-2003	31-May-2007	BFO dated
PA0000117	6	2	0	Forcados	31-Mar-2003	31-May-2007	BFO dated
PA0000117	6	1	0	Forcados	31-Mar-2003	31-May-2007	BFO dated
PA0000117	6	3	0	Forcados	01-Jun-2007		North Sea Dated
PA0000117	6	2	0	Forcados	01-Jun-2007		North Sea Dated
PA0000117	6	1	0	Forcados	01-Jun-2007		North Sea Dated
PA0000120	6	1	0	Forties	03-Oct-2005	31-May-2007	BFO dated
PA0000120	6	2	0	Forties	03-Oct-2005	31-May-2007	BFO dated
PA0000120	6	3	0	Forties	03-Oct-2005	31-May-2007	BFO dated
PA0000120	6	1	0	Forties	01-Jun-2007		North Sea Dated
PA0000120	6	2	0	Forties	01-Jun-2007		North Sea Dated
PA0000120	6	3	0	Forties	01-Jun-2007		North Sea Dated
PA0001462	6	1	0	Girassol	31-Mar-2003	31-May-2007	BFO dated
PA0001462	6	2	0	Girassol	31-Mar-2003	31-May-2007	BFO dated
PA0001462	6	3	0	Girassol	31-Mar-2003	31-May-2007	BFO dated
PA0001462	6	1	0	Girassol	01-Jun-2007		North Sea Dated
PA0001462	6	3	0	Girassol	01-Jun-2007		North Sea Dated
PA0001462	6	2	0	Girassol	01-Jun-2007		North Sea Dated
PA0003372	6	1	0	Gulfaks	03-Oct-2005	31-May-2007	BFO dated
PA0003372	6	2	0	Gulfaks	03-Oct-2005	31-May-2007	BFO dated
PA0003372	6	3	0	Gulfaks	03-Oct-2005	31-May-2007	BFO dated
PA0003372	6	1	0	Gulfaks	01-Jun-2007		North Sea Dated
PA0003372	6	3	0	Gulfaks	01-Jun-2007		North Sea Dated
PA0003372	6	2	0	Gulfaks	01-Jun-2007		North Sea Dated
PA0002354	2	6	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	2	2	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	2	1	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	2	7	0	Hibernia	15-Dec-2003	31-May-2007	BFO dated
PA0002354	2	7	0	Hibernia	01-Jun-2007		North Sea Dated
PA0002354	2	1	0	Hibernia	01-Jun-2007		North Sea Dated
PA0002354	2	2	0	Hibernia	01-Jun-2007		North Sea Dated
PA0002354	2	6	0	Hibernia	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0003146	6	2	0	Hungo	04-Nov-2004	31-May-2007	BFO dated
PA0003146	6	3	0	Hungo	04-Nov-2004	31-May-2007	BFO dated
PA0003146	6	1	0	Hungo	04-Nov-2004	31-May-2007	BFO dated
PA0003146	6	1	0	Hungo	01-Jun-2007		North Sea Dated
PA0003146	6	2	0	Hungo	01-Jun-2007		North Sea Dated
PA0003146	6	3	0	Hungo	01-Jun-2007		North Sea Dated
PA0000126	6	1	0	Iranian Heavy	31-Mar-2003	31-May-2007	BFO dated
PA0000126	6	2	0	Iranian Heavy	31-Mar-2003	31-May-2007	BFO dated
PA0000126	6	3	0	Iranian Heavy	31-Mar-2003	31-May-2007	BFO dated
PA0000126	6	1	0	Iranian Heavy	01-Jun-2007		North Sea Dated
PA0000126	6	3	0	Iranian Heavy	01-Jun-2007		North Sea Dated
PA0000126	6	2	0	Iranian Heavy	01-Jun-2007		North Sea Dated
PA0000128	6	3	0	Iranian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000128	6	1	0	Iranian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000128	6	2	0	Iranian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000128	6	1	0	Iranian Light	01-Jun-2007		North Sea Dated
PA0000128	6	2	0	Iranian Light	01-Jun-2007		North Sea Dated
PA0000128	6	3	0	Iranian Light	01-Jun-2007		North Sea Dated
PA0000133	6	2	0	Kirkuk	31-Mar-2003	31-May-2007	BFO dated
PA0000133	6	1	0	Kirkuk	31-Mar-2003	31-May-2007	BFO dated
PA0000133	6	3	0	Kirkuk	31-Mar-2003	31-May-2007	BFO dated
PA0000133	6	3	0	Kirkuk	01-Jun-2007		North Sea Dated
PA0000133	6	1	0	Kirkuk	01-Jun-2007		North Sea Dated
PA0000133	6	2	0	Kirkuk	01-Jun-2007		North Sea Dated
PA0001431	6	2	0	Kumkol	14-Jul-2003	31-May-2007	BFO dated
PA0001431	6	3	0	Kumkol	14-Jul-2003	31-May-2007	BFO dated
PA0001431	6	1	0	Kumkol	14-Jul-2003	31-May-2007	BFO dated
PA0001431	6	1	0	Kumkol	01-Jun-2007		North Sea Dated
PA0001431	6	3	0	Kumkol	01-Jun-2007		North Sea Dated
PA0001431	6	2	0	Kumkol	01-Jun-2007		North Sea Dated
PA0004585	6	1	0	Nemba	14-May-2007	31-May-2007	BFO dated
PA0004585	6	2	0	Nemba	14-May-2007	31-May-2007	BFO dated
PA0004585	6	3	0	Nemba	14-May-2007	31-May-2007	BFO dated
PA0004585	6	1	0	Nemba	01-Jun-2007		North Sea Dated
PA0004585	6	2	0	Nemba	01-Jun-2007		North Sea Dated
PA0004585	6	3	0	Nemba	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000190	6	3	0	Oseberg	03-Oct-2005	31-May-2007	BFO dated
PA0000190	6	2	0	Oseberg	03-Oct-2005	31-May-2007	BFO dated
PA0000190	6	1	0	Oseberg	03-Oct-2005	31-May-2007	BFO dated
PA0000190	6	3	0	Oseberg	01-Jun-2007		North Sea Dated
PA0000190	6	2	0	Oseberg	01-Jun-2007		North Sea Dated
PA0000190	6	1	0	Oseberg	01-Jun-2007		North Sea Dated
PA0000198	6	2	0	Qua lboe	31-Mar-2003	31-May-2007	BFO dated
PA0000198	6	1	0	Qua lboe	31-Mar-2003	31-May-2007	BFO dated
PA0000198	6	3	0	Qua lboe	31-Mar-2003	31-May-2007	BFO dated
PA0000198	6	1	0	Qua lboe	01-Jun-2007		North Sea Dated
PA0000198	6	3	0	Qua lboe	01-Jun-2007		North Sea Dated
PA0000198	6	2	0	Qua lboe	01-Jun-2007		North Sea Dated
PA0000205	6	3	0	Sahara Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000205	6	2	0	Sahara Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000205	6	1	0	Sahara Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000205	6	1	0	Sahara Blend	01-Jun-2007		North Sea Dated
PA0000205	6	2	0	Sahara Blend	01-Jun-2007		North Sea Dated
PA0000205	6	3	0	Sahara Blend	01-Jun-2007		North Sea Dated
PA0000212	6	1	0	Siberian Light Med	31-Mar-2003	31-May-2007	BFO dated
PA0000212	6	2	0	Siberian Light Med	31-Mar-2003	31-May-2007	BFO dated
PA0000212	6	3	0	Siberian Light Med	31-Mar-2003	31-May-2007	BFO dated
PA0000212	6	2	0	Siberian Light Med	01-Jun-2007		North Sea Dated
PA0000212	6	1	0	Siberian Light Med	01-Jun-2007		North Sea Dated
PA0000212	6	3	0	Siberian Light Med	01-Jun-2007		North Sea Dated
PA0000216	6	3	0	Statfjord	03-Oct-2005	31-May-2007	BFO dated
PA0000216	6	1	0	Statfjord	03-Oct-2005	31-May-2007	BFO dated
PA0000216	6	2	0	Statfjord	03-Oct-2005	31-May-2007	BFO dated
PA0000216	6	3	0	Statfjord	01-Jun-2007		North Sea Dated
PA0000216	6	2	0	Statfjord	01-Jun-2007		North Sea Dated
PA0000216	6	1	0	Statfjord	01-Jun-2007		North Sea Dated
PA0000217	6	3	0	Suez Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000217	6	2	0	Suez Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000217	6	1	0	Suez Blend	31-Mar-2003	31-May-2007	BFO dated
PA0000217	6	2	0	Suez Blend	01-Jun-2007		North Sea Dated
PA0000217	6	1	0	Suez Blend	01-Jun-2007		North Sea Dated
PA0000217	6	3	0	Suez Blend	01-Jun-2007		North Sea Dated

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	diff basis
PA0000220	6	1	0	Syrian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000220	6	2	0	Syrian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000220	6	3	0	Syrian Light	31-Mar-2003	31-May-2007	BFO dated
PA0000220	6	1	0	Syrian Light	01-Jun-2007		North Sea Dated
PA0000220	6	3	0	Syrian Light	01-Jun-2007		North Sea Dated
PA0000220	6	2	0	Syrian Light	01-Jun-2007		North Sea Dated
PA0002368	2	2	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	2	6	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	2	1	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	2	7	0	Terra Nova	15-Dec-2003	31-May-2007	BFO dated
PA0002368	2	7	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0002368	2	6	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0002368	2	2	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0002368	2	1	0	Terra Nova	01-Jun-2007		North Sea Dated
PA0000236	6	2	0	Urals Med	31-Mar-2003	31-May-2007	BFO dated
PA0000236	6	1	0	Urals Med	31-Mar-2003	31-May-2007	BFO dated
PA0000236	6	3	0	Urals Med	31-Mar-2003	31-May-2007	BFO dated
PA0000236	6	2	0	Urals Med	01-Jun-2007		North Sea Dated
PA0000236	6	1	0	Urals Med	01-Jun-2007		North Sea Dated
PA0000236	6	3	0	Urals Med	01-Jun-2007		North Sea Dated
PA0003239	6	3	0	Urals netback fob Novorossiysk	07-Feb-2005	31-May-2007	BFO dated
PA0003239	6	2	0	Urals netback fob Novorossiysk	07-Feb-2005	31-May-2007	BFO dated
PA0003239	6	1	0	Urals netback fob Novorossiysk	07-Feb-2005	31-May-2007	BFO dated
PA0003239	6	2	0	Urals netback fob Novorossiysk	01-Jun-2007		North Sea Dated
PA0003239	6	3	0	Urals netback fob Novorossiysk	01-Jun-2007		North Sea Dated
PA0003239	6	1	0	Urals netback fob Novorossiysk	01-Jun-2007		North Sea Dated
PA0003240	6	3	0	Urals netback fob Primorsk	07-Feb-2005	31-May-2007	BFO dated
PA0003240	6	1	0	Urals netback fob Primorsk	07-Feb-2005	31-May-2007	BFO dated
PA0003240	6	2	0	Urals netback fob Primorsk	07-Feb-2005	31-May-2007	BFO dated
PA0003240	6	3	0	Urals netback fob Primorsk	01-Jun-2007		North Sea Dated
PA0003240	6	2	0	Urals netback fob Primorsk	01-Jun-2007		North Sea Dated
PA0003240	6	1	0	Urals netback fob Primorsk	01-Jun-2007		North Sea Dated
PA0000238	6	3	0	Urals NWE	31-Mar-2003	31-May-2007	BFO dated
PA0000238	6	2	0	Urals NWE	31-Mar-2003	31-May-2007	BFO dated
PA0000238	6	1	0	Urals NWE	31-Mar-2003	31-May-2007	BFO dated
PA0000238	6	1	0	Urals NWE	01-Jun-2007		North Sea Dated
PA0000238	6	2	0	Urals NWE	01-Jun-2007		North Sea Dated
PA0000238	6	3	0	Urals NWE	01-Jun-2007		North Sea Dated

<b>PA-code</b>	<b>Time stamp</b>	<b>Price type</b>	<b>Continuous forward</b>	<b>Description</b>	<b>Start date</b>	<b>End date</b>	<b>diff basis</b>
PA0001415	6	3	0	Zafiro	14-Jul-2003	31-May-2007	BFO dated
PA0001415	6	2	0	Zafiro	14-Jul-2003	31-May-2007	BFO dated
PA0001415	6	1	0	Zafiro	14-Jul-2003	31-May-2007	BFO dated
PA0001415	6	2	0	Zafiro	01-Jun-2007		North Sea Dated
PA0001415	6	1	0	Zafiro	01-Jun-2007		North Sea Dated
PA0001415	6	3	0	Zafiro	01-Jun-2007		North Sea Dated