

### Changes to Argus Crude Netbacks effective 1 August 2019

Argus is adding the following codes to the Argus Crude Netbacks data module. The following PA code details will appear in the DCRDNB module in the DCRDNB folder of ftp.argusmedia.com effective 1 August 2019. To clearly distinguish a change in underlying refinery model, Argus is changing data codes for the new model from the legacy model at the start of August. The following codes are starting and below that is the relationship of the stopped codes to the new codes.

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	Unit	Category	Frequency
PA0022417	0	18	0	Brent NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022417	0	19	0	Brent NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022418	0	18	0	Forties NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022418	0	19	0	Forties NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022419	0	18	0	Arab Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022419	0	19	0	Arab Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022420	0	18	0	Arab Heavy NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022420	0	19	0	Arab Heavy NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022421	0	18	0	Urals NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022421	0	19	0	Urals NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022422	0	18	0	Bonny Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022422	0	19	0	Bonny Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022423	0	18	0	Azeri NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022423	0	19	0	Azeri NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022424	0	18	0	Basrah Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022424	0	19	0	Basrah Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022425	0	18	0	Iran Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022425	0	19	0	Iran Light NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022426	0	18	0	Kuwait NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022426	0	19	0	Kuwait NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022427	0	18	0	Murban NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022427	0	19	0	Murban NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022428	0	18	0	Brass River NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022428	0	19	0	Brass River NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022429	0	18	0	Kirkuk NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022429	0	19	0	Kirkuk NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022430	0	18	0	Saharan Blend NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022430	0	19	0	Saharan Blend NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	Unit	Category	Frequency
PA0022431	0	18	0	Zueitina NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022431	0	19	0	Zueitina NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022432	0	18	0	Mars USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022432	0	19	0	Mars USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022433	0	18	0	Basrah Light USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022433	0	19	0	Basrah Light USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022434	0	18	0	LLS USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022434	0	19	0	LLS USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022435	0	18	0	Bonny Light USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022435	0	19	0	Bonny Light USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022436	0	18	0	Arab Light USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022436	0	19	0	Arab Light USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022437	0	18	0	Arab Medium USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022437	0	19	0	Arab Medium USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022438	0	18	0	Maya USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022438	0	19	0	Maya USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022439	0	18	0	WTI USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022439	0	19	0	WTI USGC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022440	0	18	0	Oman Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022440	0	19	0	Oman Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022441	0	18	0	Basrah Light Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022441	0	19	0	Basrah Light Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022442	0	18	0	Minas Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022442	0	19	0	Minas Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022443	0	18	0	ESPO Blend Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022443	0	19	0	ESPO Blend Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022444	0	18	0	Arab Light Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022444	0	19	0	Arab Light Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	Unit	Category	Frequency
PA0022445	0	18	0	Arab Heavy Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022445	0	19	0	Arab Heavy Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022446	0	18	0	Murban Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022446	0	19	0	Murban Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022447	0	18	0	Brent NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022447	0	19	0	Brent NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022448	0	18	0	Forties NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022448	0	19	0	Forties NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022449	0	18	0	Arab Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022449	0	19	0	Arab Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022450	0	18	0	Arab Heavy NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022450	0	19	0	Arab Heavy NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022451	0	18	0	Urals NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022451	0	19	0	Urals NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022452	0	18	0	Bonny Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022452	0	19	0	Bonny Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022453	0	18	0	Azeri NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022453	0	19	0	Azeri NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022454	0	18	0	Basrah Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022454	0	19	0	Basrah Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022455	0	18	0	Iran Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022455	0	19	0	Iran Light NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022456	0	18	0	Kuwait NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022456	0	19	0	Kuwait NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022457	0	18	0	Murban NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022457	0	19	0	Murban NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022458	0	18	0	Brass River NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022458	0	19	0	Brass River NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	Unit	Category	Frequency
PA0022459	0	18	0	Kirkuk NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022459	0	19	0	Kirkuk NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022460	0	18	0	Saharan Blend NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022460	0	19	0	Saharan Blend NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022461	0	18	0	Zueitina NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022461	0	19	0	Zueitina NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022462	0	18	0	Mars USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022462	0	19	0	Mars USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022463	0	18	0	Basrah Light USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022463	0	19	0	Basrah Light USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022464	0	18	0	LLS USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022464	0	19	0	LLS USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022465	0	18	0	Bonny Light USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022465	0	19	0	Bonny Light USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022466	0	18	0	Arab Light USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022466	0	19	0	Arab Light USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022467	0	18	0	Arab Medium USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022467	0	19	0	Arab Medium USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022468	0	18	0	Maya USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022468	0	19	0	Maya USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022469	0	18	0	WTI USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022469	0	19	0	WTI USGC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Daily
PA0022470	0	18	0	Oman Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022470	0	19	0	Oman Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022471	0	18	0	Basrah Light Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022471	0	19	0	Basrah Light Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022472	0	18	0	Minas Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022472	0	19	0	Minas Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	Unit	Category	Frequency
PA0022473	0	18	0	ESPO Blend Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022473	0	19	0	ESPO Blend Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022474	0	18	0	Arab Light Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022474	0	19	0	Arab Light Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022475	0	18	0	Arab Heavy Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022475	0	19	0	Arab Heavy Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022476	0	18	0	Murban Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022476	0	19	0	Murban Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022477	0	18	0	Es Sider NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022477	0	19	0	Es Sider NWE PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022568	0	18	0	Es Sider NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022568	0	19	0	Es Sider NWE PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022569	0	18	0	Dubai Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022569	0	19	0	Dubai Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022570	0	18	0	Dubai Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022570	0	19	0	Dubai Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022571	0	18	0	Iran Heavy Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022571	0	19	0	Iran Heavy Asia PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022572	0	18	0	Iran Heavy Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022572	0	19	0	Iran Heavy Asia PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Daily
PA0022573	0	18	0	Oriente implied fob USWC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022574	0	18	0	Oriente USWC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022574	0	19	0	Oriente USWC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022575	0	18	0	Oriente USWC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022575	0	19	0	Oriente USWC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022576	0	18	0	ANS USWC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022576	0	19	0	ANS USWC PIMS simple yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022577	0	18	0	ANS USWC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily
PA0022577	0	19	0	ANS USWC PIMS complex yield daily netback	1-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Daily

The translation between the PA-codes stopping on 31 July 2019 and the PA-codes starting on 1 August 2019 are as follows.

Old PA-code	New PA-code
PA0014789	PA0022417
PA0014790	PA0022418
PA0014791	PA0022419
PA0014792	PA0022420
PA0014793	PA0022421
PA0014794	PA0022422
PA0014795	PA0022423
PA0014796	PA0022424
PA0014797	PA0022425
PA0014798	PA0022426
PA0014799	PA0022427
PA0014800	PA0022428
PA0014801	PA0022429
PA0014802	PA0022430
PA0014803	PA0022431
PA0014804	PA0022432
PA0014805	PA0022433
PA0014806	PA0022434

Old PA-code	New PA-code
PA0014807	PA0022435
PA0014808	PA0022436
PA0014809	PA0022437
PA0014810	PA0022438
PA0014811	PA0022439
PA0014812	PA0022440
PA0014813	PA0022441
PA0014814	PA0022442
PA0014815	PA0022443
PA0014816	PA0022444
PA0014817	PA0022445
PA0014818	PA0022446
PA0014819	PA0022447
PA0014820	PA0022448
PA0014821	PA0022449
PA0014822	PA0022450
PA0014823	PA0022451
PA0014824	PA0022452

Old PA-code	New PA-code
PA0014825	PA0022453
PA0014826	PA0022454
PA0014827	PA0022455
PA0014828	PA0022456
PA0014829	PA0022457
PA0014830	PA0022458
PA0014831	PA0022459
PA0014832	PA0022460
PA0014833	PA0022461
PA0014834	PA0022462
PA0014835	PA0022463
PA0014836	PA0022464
PA0014837	PA0022465
PA0014838	PA0022466
PA0014839	PA0022467
PA0014840	PA0022468
PA0014841	PA0022469
PA0014842	PA0022470

Old PA-code	New PA-code
PA0014843	PA0022471
PA0014844	PA0022472
PA0014845	PA0022473
PA0014846	PA0022474
PA0014847	PA0022475
PA0014848	PA0022476
PA0014863	PA0022477
PA0018045	PA0022568
PA0018046	PA0022569
PA0018047	PA0022570
PA0018048	PA0022571
PA0018049	PA0022572
PA0018081	PA0022573
PA0018082	PA0022574
PA0018083	PA0022575
PA0018084	PA0022576
PA0018085	PA0022577