

**Changes to Argus Global Markets effective 2 August 2019**

Argus has stopped the following codes in the Argus Global Markets data module. The last date they appeared in the DAGM module in the DAGM folder of ftp.argusmedia.com was 2 August 2019. To clearly distinguish a change in underlying refinery model, Argus is changing data codes from the legacy model to the new model at the beginning of August. The following codes have stopped 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	End date	Unit	Category	Frequency
PA0013037	0	18	0	Brent NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013037	0	19	0	Brent NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013037	0	50	0	Brent NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013038	0	18	0	WTI US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013038	0	19	0	WTI US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013038	0	50	0	WTI US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013039	0	18	0	Minas Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013039	0	19	0	Minas Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013039	0	50	0	Minas Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013040	0	18	0	Minas Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013040	0	19	0	Minas Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013040	0	50	0	Minas Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013041	0	18	0	WTI US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013041	0	19	0	WTI US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013041	0	50	0	WTI US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013042	0	18	0	Brent NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013042	0	19	0	Brent NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013042	0	50	0	Brent NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013043	0	18	0	Forties NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013043	0	19	0	Forties NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013043	0	50	0	Forties NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013044	0	18	0	Mars US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013044	0	19	0	Mars US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013044	0	50	0	Mars US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013045	0	18	0	Oman Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013045	0	19	0	Oman Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013045	0	50	0	Oman Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013046	0	18	0	Oman Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013046	0	19	0	Oman Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013046	0	50	0	Oman Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013047	0	18	0	Mars US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013047	0	19	0	Mars US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013047	0	50	0	Mars US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	Unit	Category	Frequency
PA0013048	0	18	0	Forties NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013048	0	19	0	Forties NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013048	0	50	0	Forties NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013049	0	18	0	Urals NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013049	0	19	0	Urals NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013049	0	50	0	Urals NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013050	0	18	0	Basrah Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013050	0	19	0	Basrah Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013050	0	50	0	Basrah Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013051	0	18	0	Basrah Light Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013051	0	19	0	Basrah Light Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013051	0	50	0	Basrah Light Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013052	0	18	0	Basrah Light Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013052	0	19	0	Basrah Light Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013052	0	50	0	Basrah Light Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013053	0	18	0	Basrah Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013053	0	19	0	Basrah Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013053	0	50	0	Basrah Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013054	0	18	0	Urals NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013054	0	19	0	Urals NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013054	0	50	0	Urals NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013055	0	18	0	Bonny Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013055	0	19	0	Bonny Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013055	0	50	0	Bonny Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013056	0	18	0	LLS US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013056	0	19	0	LLS US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013056	0	50	0	LLS US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013057	0	18	0	ESPO Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013057	0	19	0	ESPO Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013057	0	50	0	ESPO Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013058	0	18	0	ESPO Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013058	0	19	0	ESPO Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013058	0	50	0	ESPO Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	Unit	Category	Frequency
PA0013059	0	18	0	LLS US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013059	0	19	0	LLS US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013059	0	50	0	LLS US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013060	0	18	0	Bonny Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013060	0	19	0	Bonny Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013060	0	50	0	Bonny Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013061	0	18	0	BTC NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013061	0	19	0	BTC NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013061	0	50	0	BTC NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013062	0	18	0	Bonny Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013062	0	19	0	Bonny Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013062	0	50	0	Bonny Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013063	0	18	0	Murban Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013063	0	19	0	Murban Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013063	0	50	0	Murban Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013064	0	18	0	Murban Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013064	0	19	0	Murban Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013064	0	50	0	Murban Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->Asia-Pacific	Weekly
PA0013065	0	18	0	Bonny Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013065	0	19	0	Bonny Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013065	0	50	0	Bonny Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013066	0	18	0	BTC NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013066	0	19	0	BTC NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013066	0	50	0	BTC NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013067	0	18	0	Basrah Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013067	0	19	0	Basrah Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013067	0	50	0	Basrah Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North Europe	Weekly
PA0013068	0	18	0	Maya US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013068	0	19	0	Maya US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013068	0	50	0	Maya US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013071	0	18	0	Maya US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013071	0	19	0	Maya US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly
PA0013071	0	50	0	Maya US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	->Crude->Refinery Netback->North America	Weekly

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	End date	Unit	Category	Frequency
PA0013072	0	18	0	Basrah Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013072	0	19	0	Basrah Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013072	0	50	0	Basrah Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013069	0	18	0	Arab Light Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013069	0	19	0	Arab Light Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013070	0	18	0	Arab Light Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013070	0	19	0	Arab Light Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013073	0	18	0	Arab Heavy Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013073	0	19	0	Arab Heavy Singapore simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013074	0	18	0	Arab Heavy Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013074	0	19	0	Arab Heavy Singapore complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->Asia-Pacific	Weekly
PA0013075	0	18	0	Arab Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013075	0	19	0	Arab Light NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013076	0	18	0	Arab Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013076	0	19	0	Arab Light NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013077	0	18	0	Arab Heavy NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013077	0	19	0	Arab Heavy NWE simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013078	0	18	0	Arab Heavy NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013078	0	19	0	Arab Heavy NWE complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North Europe	Weekly
PA0013079	0	18	0	Arab Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013079	0	19	0	Arab Light US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013080	0	18	0	Arab Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013080	0	19	0	Arab Light US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013081	0	18	0	Arab Medium US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013081	0	19	0	Arab Medium US Gulf simple yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013082	0	18	0	Arab Medium US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly
PA0013082	0	19	0	Arab Medium US Gulf complex yield netback	1-Jan-2013	2-Aug-2019	USD/bl	--Crude--Refinery Netback-->North America	Weekly

The translation between the PA-codes stopping on 2 August 2019 and the PA-codes starting on 9 August 2019 are as follows. This Excel file is included with the PDF data announcements to make mapping the codes simpler.

Old PA-code	New PA-code
PA0013037	PA0022371
PA0013038	PA0022372
PA0013039	PA0022373
PA0013040	PA0022374
PA0013041	PA0022375
PA0013042	PA0022376
PA0013043	PA0022377
PA0013044	PA0022378
PA0013045	PA0022379
PA0013046	PA0022380
PA0013047	PA0022381
PA0013048	PA0022382
PA0013049	PA0022383
PA0013050	PA0022384
PA0013051	PA0022385
PA0013052	PA0022386
PA0013053	PA0022387
PA0013054	PA0022388

Old PA-code	New PA-code
PA0013055	PA0022389
PA0013056	PA0022390
PA0013057	PA0022391
PA0013058	PA0022392
PA0013059	PA0022393
PA0013060	PA0022394
PA0013061	PA0022395
PA0013062	PA0022396
PA0013063	PA0022397
PA0013064	PA0022398
PA0013065	PA0022399
PA0013066	PA0022400
PA0013067	PA0022401
PA0013068	PA0022402
PA0013069	PA0022403
PA0013070	PA0022404
PA0013071	PA0022405
PA0013072	PA0022406

Old PA-code	New PA-code
PA0013073	PA0022407
PA0013074	PA0022408
PA0013075	PA0022409
PA0013076	PA0022410
PA0013077	PA0022411
PA0013078	PA0022412
PA0013079	PA0022413
PA0013080	PA0022414
PA0013081	PA0022415
PA0013082	PA0022416