

### Changes to Argus Americas Crude effective 26 September 2016

Argus is introducing new series to Argus Americas Crude effective 26 September 2016. These series will appear in the dhc .csv files in the DCRDEUS folder on ftp.argusmedia.com

PA-code details are as follows:

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	Unit	Category	Frequency
PA0019564	2	1	1	Bakken Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019564	2	2	1	Bakken Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019564	2	6	1	Bakken Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019564	2	7	1	Bakken Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019565	2	4	1	Bakken Cushing weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019565	2	49	1	Bakken Cushing weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019566	2	49	1	Bakken Cushing MTD weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019567	2	1	1	Niobrara Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019567	2	2	1	Niobrara Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019567	2	6	1	Niobrara Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019567	2	7	1	Niobrara Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019568	2	4	1	Niobrara Cushing weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019568	2	49	1	Niobrara Cushing weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019569	2	49	1	Niobrara Cushing MTD weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019570	2	1	1	White Cliffs Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019570	2	2	1	White Cliffs Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019570	2	6	1	White Cliffs Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019570	2	7	1	White Cliffs Cushing month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019571	2	4	1	White Cliffs Cushing weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019571	2	49	1	White Cliffs Cushing weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily
PA0019572	2	49	1	White Cliffs Cushing MTD weighted average month	WTI	26-Sep-2016	USD/bl	->Crude->North America->US Midcontinent	Daily