

Changes to Argus Fundamentals effective 12 February 2020

Argus is making changes to Argus Fundamentals. These changes apply to data in the the DFUND .csv files of the DFUND folder of ftp.argusmedia.com.

The following codes have been terminated with final publication date as shown.

| PA Code | Time Stamp | Price Type | Continuous Forward | Description | End Date | Unit | Category | Frequency |
|-----------|------------|------------|--------------------|-------------------------------------------------------------|-----------|---------|-----------------------------------------------------------------------------|-----------|
| PA5000004 | 6 | 8 | 0 | Bonny Light monthly avg | 31-Jan-20 | USD/bl | ->Crude->West Africa | Monthly |
| PA5000004 | 6 | 3 | 0 | Bonny Light monthly avg | 31-Jan-20 | USD/bl | ->Crude->West Africa | Monthly |
| PA5000020 | 6 | 8 | 0 | Forcados monthly avg | 31-Jan-20 | USD/bl | ->Crude->West Africa | Monthly |
| PA5000020 | 6 | 3 | 0 | Forcados monthly avg | 31-Jan-20 | USD/bl | ->Crude->West Africa | Monthly |
| PA5000023 | 6 | 8 | 0 | Iranian Heavy monthly avg | 31-Jan-20 | USD/bl | ->Crude->Mediterranean | Monthly |
| PA5000023 | 6 | 3 | 0 | Iranian Heavy monthly avg | 31-Jan-20 | USD/bl | ->Crude->Mediterranean | Monthly |
| PA5000028 | 8 | 3 | 0 | Minas monthly avg | 31-Jan-20 | USD/bl | ->Crude->Asia-Pacific->Indonesia | Monthly |
| PA5000028 | 8 | 8 | 0 | Minas monthly avg | 31-Jan-20 | USD/bl | ->Crude->Asia-Pacific->Indonesia | Monthly |
| PA5000043 | 6 | 3 | 0 | Urals Med monthly avg | 31-Jan-20 | USD/bl | ->Crude->Russia-Caspian->Urals | Monthly |
| PA5000043 | 6 | 8 | 0 | Urals Med monthly avg | 31-Jan-20 | USD/bl | ->Crude->Russia-Caspian->Urals | Monthly |
| PA5000053 | 6 | 8 | 0 | Fuel oil 1.0%S 380cst cargo NWE cif month average | 31-Jan-20 | USD/t | ->Products->Fuel oil->Northwest Europe | Monthly |
| PA5000063 | 2 | 8 | 0 | Fuel oil 1.0%S barge NYH dob month average | 31-Jan-20 | USD/bl | ->Products->Fuel oil->US east coast | Monthly |
| PA5000065 | 2 | 8 | 0 | Fuel oil 3.0%S barge NYH dob month average | 31-Jan-20 | USD/bl | ->Products->Fuel oil->US east coast | Monthly |
| PA5000067 | 2 | 8 | 0 | Fuel oil 3.0%S barge USGC fob month average | 31-Jan-20 | USD/bl | ->Products->Fuel oil->US Gulf coast | Monthly |
| PA5000070 | 6 | 8 | 0 | Gasoil diesel French 10ppm NWE cif monthly avg | 31-Jan-20 | USD/t | ->Products->Gasoil/Diesel/Heating oil->Northwest Europe | Monthly |
| PA5000074 | 8 | 8 | 0 | Gasoil 0.5% Singapore monthly avg | 31-Jan-20 | USD/bl | ->Products->Gasoil/Diesel/Heating oil->Asia-Pacific | Monthly |
| PA5000082 | 2 | 8 | 0 | Gasoline 93 conv NYH cargo inc duty continuous monthly avg | 31-Jan-20 | USC/USG | ->Products->Gasoline->US east coast->NYH cargo->93 conventional->Continuous | Monthly |
| PA5000083 | 2 | 8 | 0 | Gasoline 93 conv USGC waterborne fob lowest RVP monthly avg | 31-Jan-20 | USC/USG | ->Products->Gasoline->US Gulf coast->93 conventional | Monthly |
| PA5000086 | 8 | 8 | 0 | Gasoline 95r Singapore monthly avg | 31-Jan-20 | USD/bl | ->Products->Gasoline->Asia-Pacific | Monthly |
| PA5000091 | 6 | 8 | 0 | Jet/kerosine NWE cif monthly avg | 31-Jan-20 | USD/t | ->Products->Jet->Northwest Europe | Monthly |
| PA5000092 | 8 | 8 | 0 | Jet/kerosine Singapore monthly avg | 31-Jan-20 | USD/bl | ->Products->Jet->Asia-Pacific | Monthly |
| PA5000095 | 2 | 8 | 0 | Kerosine NYH cargo del monthly avg | 31-Jan-20 | USC/USG | ->Products->Jet->US east coast | Monthly |
| PA5000098 | 6 | 8 | 0 | Naphtha 65 para NWE cif monthly avg | 31-Jan-20 | USD/t | ->Products->Naphtha->Northwest Europe | Monthly |
| PA5000102 | 2 | 8 | 0 | Heating oil NYH cargo del monthly avg | 31-Jan-20 | USC/USG | ->Products->Gasoil/Diesel/Heating oil->US east coast->NYH cargo | Monthly |
| PA5000103 | 2 | 8 | 0 | Heating oil USGC waterborne fob monthly avg | 31-Jan-20 | USC/USG | ->Products->Gasoil/Diesel/Heating oil->US Gulf coast->Heating oil | Monthly |

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|-----------|------------|------------|--------------------|-----------------------------------------------------------------------|-----------|--------|------------------------------------------|-----------|
| PA5000109 | 6 | 3 | 0 | North Sea Dated dated monthly avg | 31-Jan-20 | USD/bl | -->Crude->North Sea | Monthly |
| PA5000109 | 6 | 8 | 0 | North Sea Dated dated monthly avg | 31-Jan-20 | USD/bl | -->Crude->North Sea | Monthly |
| PA5000111 | 6 | 8 | 0 | North Sea Forward month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North Sea | Monthly |
| PA5000112 | 6 | 8 | 0 | North Sea Forward month 2 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North Sea | Monthly |
| PA5000113 | 6 | 8 | 0 | North Sea Forward month 3 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North Sea | Monthly |
| PA5000115 | 6 | 8 | 0 | Dubai month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->Mideast Gulf | Monthly |
| PA5000116 | 6 | 8 | 0 | Dubai month 2 monthly avg | 31-Jan-20 | USD/bl | -->Crude->Mideast Gulf | Monthly |
| PA5000118 | 8 | 8 | 0 | Oman month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->Mideast Gulf | Monthly |
| PA5000118 | 8 | 3 | 0 | Oman month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->Mideast Gulf | Monthly |
| PA5000119 | 9 | 8 | 0 | WTI month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North America->US Midcontinent | Monthly |
| PA5000120 | 9 | 8 | 0 | WTI month 2 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North America->US Midcontinent | Monthly |
| PA5000747 | 0 | 8 | 0 | Opec Basket formula snapshot | 13-Feb-20 | USD/bl | -->Crude->Official/Formula Price->Opec | Weekly |
| PA5000820 | 6 | 7 | 0 | Fuel oil 0.5%S straight-run cargo NWE diff to Brent fob month average | 31-Jan-20 | USD/bl | -->Products->Fuel oil->Northwest Europe | Monthly |
| PA5000820 | 6 | 6 | 0 | Fuel oil 0.5%S straight-run cargo NWE diff to Brent fob month average | 31-Jan-20 | USD/bl | -->Products->Fuel oil->Northwest Europe | Monthly |
| PA5001078 | 6 | 1 | 0 | Gasoline 95r 10ppm NWE cif monthly avg | 31-Jan-20 | USD/t | -->Products->Gasoline->Northwest Europe | Monthly |
| PA5001078 | 6 | 2 | 0 | Gasoline 95r 10ppm NWE cif monthly avg | 31-Jan-20 | USD/t | -->Products->Gasoline->Northwest Europe | Monthly |
| PA5001111 | 8 | 6 | 0 | Fuel oil 3.5%S 380cst cargo Singapore fob Friday month average | 31-Jan-20 | USD/t | -->Products->Fuel oil->Asia-Pacific | Monthly |
| PA5001111 | 8 | 1 | 0 | Fuel oil 3.5%S 380cst cargo Singapore fob Friday month average | 31-Jan-20 | USD/t | -->Products->Fuel oil->Asia-Pacific | Monthly |
| PA5001111 | 8 | 2 | 0 | Fuel oil 3.5%S 380cst cargo Singapore fob Friday month average | 31-Jan-20 | USD/t | -->Products->Fuel oil->Asia-Pacific | Monthly |
| PA5001111 | 8 | 7 | 0 | Fuel oil 3.5%S 380cst cargo Singapore fob Friday month average | 31-Jan-20 | USD/t | -->Products->Fuel oil->Asia-Pacific | Monthly |
| PA5001123 | 8 | 2 | 0 | Naphtha Singapore fob monthly avg | 31-Jan-20 | USD/bl | -->Products->Naphtha->Asia-Pacific | Weekly |
| PA5001123 | 8 | 1 | 0 | Naphtha Singapore fob monthly avg | 31-Jan-20 | USD/bl | -->Products->Naphtha->Asia-Pacific | Weekly |
| PA5001235 | 2 | 4 | 0 | WTI Midland weighted average month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North America->US Midcontinent | Monthly |
| PA5001235 | 2 | 49 | 0 | WTI Midland weighted average month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North America->US Midcontinent | Monthly |
| PA5001247 | 2 | 49 | 0 | LLS weighted average month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North America->US Gulf coast | Monthly |
| PA5001247 | 2 | 4 | 0 | LLS weighted average month 1 monthly avg | 31-Jan-20 | USD/bl | -->Crude->North America->US Gulf coast | Monthly |
| PA5001277 | 8 | 8 | 0 | Fuel oil 0.35%S LSWR V-1250 Indonesia fob month average | 31-Jan-20 | USD/bl | -->Products->Fuel oil->Asia-Pacific | Monthly |

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|-----------|------------|------------|--------------------|------------------------------------------|-----------|--------|---------------------------------------|-----------|
| PA5001334 | 2 | 49 | 0 | LLS weighted average month 2 monthly avg | 31-Jan-20 | USD/bl | ->Crude->North America->US Gulf coast | Monthly |
| PA5001334 | 2 | 4 | 0 | LLS weighted average month 2 monthly avg | 31-Jan-20 | USD/bl | ->Crude->North America->US Gulf coast | Monthly |