Change log for e-suite CY43R1 (gkvv)

The CAMS NRT research e-suite for CY41R1_CAMS (experiment **gkvv,** class **rd**) was started on 2016-09-12 for the analysis cycle 2016040100. This e-suite runs at T511L60. Main features are:

- 120 h long forecast from 00UTC and 12UTC
- IFS cycle 43R1
- C-IFS-TM5
- MACCity anthropogenic emissions - scaled over North America and Europe
- GFASv1.2 fire emissions
- C-IFS model resolution T511L60
- analysis resolution T159/T95, using 12h 4D-Var and VarBC
- analysis windows from 15-3UTC and 3-15UTC
- time period 20160401 -
- Blacklist: black_ds_macc_nrt_43r1
- branch: stj_CY43R1_CAMS_esuite

Satellite data usage for atmospheric composition

Aerosol	
Assimilated:	AQUA MODIS, TERRA MODIS (including Deep Blue data), *PMAp-A*
Monitored:	*PMAp-B*
Ozone	
Assimilated:	SBUV/2 21-layer, OMI, MLS, GOME-2A, GOME-2B, *OMPS*
Monitored:	SEVIRI
Carbon Monoxide	
Assimilated:	IASI-A, IASI-B, MOPITT
Monitored:	
NO2	
Assimilated:	OMI
Monitored:	GOME-2A, GOME-2B
SO2	
Assimilated:	GOME-2A, GOME-2B
Monitored:	OMI
HCHO	
Monitored	GOME-2A, GOME-2B

Changes introduced during production affecting the quality of the products

real date	exp date	description of change
20160912	2016040100	Start of e-suite
20160914	2016041000	Change incorrect use of 2008 emissions to current year emissions.

20161003	2016072900	Switch variational bias correction for PMAP on
	2016070500	Start of OMPS assimilation

Blacklist changes

real date	expdate	description of change
20160912	2016040100	Created black_ds_macc_nrt_43r1 from operational blacklist. Blacklist directory /home/rd/ecgems/data/43r1/an/