

sentinel-3

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MISSION STATUS 15 December 2016 – 18 January 2017

OVERALL MISSION

- The overall status of the spacecraft is nominal, with all subsystem performing nominally.
- All instruments, including OLCI, SRAL, SLSTR and MWR, are switched on and perform nominally.
- The Flight Operations Segment (FOS) is operating nominally.
- The Payload Data Ground Segment (PDGS) is operating broadly as expected in the mission ramp-up phase, gradually moving towards full operational capacity. Some outages and data delays occurred due to recent upgrading of the PDGS systems in preparation of full operations and the on-going core data release.
- The orbit phasing between S3A and S3B has been confirmed to shift from 180 to 140 degree, as confirmed for implementation by the EC in December 2016.

MISSION MANAGEMENT

- The Sentinel-3A mission is now in the ramp-up phase, moving towards full operational capacity at approximately IOCR + 9 months.
- The joint ESA-EUMETSAT mission management activities continue nominally.

DATA AVAILABILITY AND ACCESS

- Following the IOCR, some remaining issues affecting the released sample data products needed to be addressed. The following core data products have been released:
 - OLCI Level 1 NRT: 20 October 2016
 - SLSTR Level 1 NRT: 17 November 2016
 - SRAL L1B and L2 NRT and STC and Land L2 NTC: 13 December 2016
 - OLCI Level 1 NTC: 14 December 2016
- The current plan for further core data product releases is: (TBC):
 - SLSTR Level 1 NTC: 19 January 2017
 - SRAL Level L1B NTC and Marine L2 NTC: 19 January 2017
 - SRAL Level 1A and L1BS, STC & NTC: mid February 2017
 - OLCI L2: April 2017.
 - SLSTR L2: April 2017
 - SYN: Q2 2017
 - Aerosol Optical Depth (AOD) and Fire Radiative Power (FRP): Q3-2017.
- In the meantime, the following sample data products continue to be available to Sentinel-3A expert users:

Data product (*)	Released on (2016)	Available data (2016)
OLCI L2 over land (ESA)	20 June	20 June - today
OLCI L2 over ocean (EUMETSAT)	22 June	22 June - today
SLSTR L2 - LST (ESA)	20 June	9 June - today
SLSTR L2 - SST (EUMETSAT)	21 June	21 June – today
SRAL L1A/1BS	21 Dec	21 Dec

(*) SYN, AOD, FRP products to be released in Q3 2017

USER INTERACTION

- The Sentinel-3 Quality Working Groups will meet for the 2nd time in the December 2016/ January 2017 time frame.
- The Sentinel-3 Validation Team (S3VT) meeting will take place on 15-17 February 2017 at ESA-ESRIN, Frascati, Italy.

OUTLOOK

- Release of operationally qualified core data products - see above for schedule.