MISSION STATUS 20 October – 23 November 2016

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.

MISSION MANAGEMENT

- The Sentinel-3A commissioning phase ended on 12th July with the successful passing of the In-Orbit Commissioning Review (IOCR). The mission is now in the ramp-up phase, moving towards full operational capacity at approximately IOCR + 9 months.
- Following the handover of the responsibility for the routine operations of the spacecraft and the Marine PDGS from ESA to EUMETSAT, the joint ESA-EUMETSAT mission management has started.

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 now been released:
  - OLCI Level 1 NRT: 20 October 2016
  - SLSTR Level 1 NRT: 17 November 2016
- The current plan for further core data product releases is: (TBC):
  - SRAL L1A, L1B and L2 NRT and STC: 6 December 2016
  - OLCI Level 1 NTC: 14 December 2016
  - SLSTR Level 1 NTC: 12 January 2017
  - SLSTR L2: early 2017
  - SYN: early 2017
- In the meantime, the following sample data products continue to be available to Sentinel-3A expert users:

<table>
<thead>
<tr>
<th>Data product (*)</th>
<th>Released on</th>
<th>Available data</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLCI L2 over land (ESA)</td>
<td>20 June</td>
<td>20 June – today</td>
</tr>
<tr>
<td>OLCI L2 over ocean (EUMETSAT)</td>
<td>22 June</td>
<td>22 June – today</td>
</tr>
<tr>
<td>SLSTR L1</td>
<td>13 June</td>
<td>8 June – today</td>
</tr>
<tr>
<td>SLSTR L2 - LST (ESA)</td>
<td>20 June</td>
<td>9 June - today</td>
</tr>
<tr>
<td>SLSTR L2 - SST (EUMETSAT)</td>
<td>21 June</td>
<td>21 June – today</td>
</tr>
</tbody>
</table>
| SRAL L1B (**) | 15 June | Reprocessed data:  
  - 6 April – 6 May (SAR, 9-12 April in LRM),  
  - 5 June – 13 Oct (SAR),  
  Current data: 18 June - today |
| SRAL L2 over land (ESA) | 15 June | Reprocessed data:  
  - 6 April – 6 May (SAR, 9-12 April in LRM),  
  - 5 June – 13 Oct (SAR),  
  Current data: 06 July - today |
| SRAL L2 over ocean (EUMETSAT) | 15 June | Reprocessed data:  
  - 6 April – 6 May (SAR, 9-12 April in LRM),  
  - 5 June – 13 Oct (SAR),  
  Current data: 32 July - today |

USER INTERACTION

- The Sentinel-3 Quality Working Groups will meet for the 2nd time in the December 2016/January 2017 time frame.
- Please note change of date: A Sentinel-3 Validation Team (S3VT) meeting is planned for 15-17 February 2017 at ESA-ESRIN, Frascati, Italy.

OUTLOOK

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

Report prepared by the ESA and EUMETSAT Sentinel-3 Operations Team