

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
03/01/2024	missing scans	x		Missing scans due to RFI with BRO-8 at 09:30:03: Products impacted from 08:19:28 to 08:25:28	RFI
03/01/2024	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:23 to 17:31:23	PDGS processing, circulation
04/01/2024	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #96 (Orbit Correction Manoeuvre S3A_SAT_UNA_2024_0001) Product sensing impacted from 07:02:17 to 07:17:17	Manoeuvre
04/01/2024	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #94 (Orbit Correction Manoeuvre S3B_SAT_UNA_2024_0001) Product sensing impacted from 07:02:17 to 09:04:16	Manoeuvre
05/01/2024	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:08 to 03:11:08	PDGS processing, circulation
09/01/2024	missing scans		x	Missing scans due to unknown reason, investigation ongoing: Products impacted from 16:17:17 to 17:52:16	Unknown
12/01/2024	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 21:33:41 to 21:42:41 and from 23:14:40 to 23:23:40	PDGS processing, circulation
14/01/2024	missing scans	x		Missing scans due to RFI with CGS-1 at 16:23:25: Products impacted from 14:48:24 to 14:54:24	RFI
14/01/2024	missing scans		x	Missing scans due to RFI with DOUBLESTAR at 12:27:51: Products impacted from 11:38:24 to 11:44:24	RFI
16/01/2024	missing scans		x	Missing scans due to RFI: Products impacted from 11:38:24 to 11:44:24	RFI
17/01/2024	missing scans	x		Missing scans due to unknown reason, investigation ongoing: Products impacted from 05:40:56 to 05:46:56	Unknown
17/01/2024	missing scans		x	Missing scans due to RFI: Products impacted from 12:26:48 to 12:32:48	RFI
17/01/2024	pointing errors		x	Pointing errors due to manoeuvre: OOP Manoeuvre #095 Product sensing impacted from 09:01:50 to 09:25:50	Manoeuvre
24/01/2024	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #97 (Orbit Correction Manoeuvre S3A_SAT_UNA_2024_0002) Product sensing impacted from 08:16:36 to 08:33:35	Manoeuvre

26/01/2024	pointing errors and data gap	x	<p>Pointing errors and data gap due to OLCI moon calibration Product sensing impacted by pointing errors from 00:28:17 to 01:19:16 Data gap detected: L1: 00:34:17 02:23:16 108' L2 LST 23:01:17 02:23:16 3h L2 FRP: 00:34:17 00:50:49 16' 01:57:22 02:23:16 25'</p>	OLCI moon calibration
26/01/2024	missing scans and data gaps	x	<p>Missing scans due to a local network failure: Products impacted from 10:07:13 to 12:55:38 Data gaps also detected: L0 10:12:06 10:21:44 9' 11:39:59 11:51:23 11' 12:06:56 12:52:38 45' L1 ,L2: 12:06:56 12:52:38 45'</p>	CGS issue
26/01/2024	missing scans and pointing errors	x	<p>Missing scans due to a local network failure: Products impacted from 10:01:13 to 13:53:49 Data gaps also detected: L0, L1, L2: 11:10:44 11:23:09 12' 12:09:00 13:53:49 104'</p> <p>Pointing errors from 13:59:49 to 16:53:09 SZA NaN values detected from 00:31:17 to 00:34:17</p>	CGS issue
30/01/2024	missing scans	x	<p>Missing L0 NR during the processing causing missing scans: Products impacted from 21:33:41 to 21:42:41 and from 17:28:26 to 17:31:26</p>	PDGS processing, circulation
31/01/2024	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre #96 (Orbit Correction Manoeuvre S3B_SAT_UNA_2024_0004) Product sensing impacted from 08:18:36 to 08:16:18</p>	Manoeuvre
FEBRUARY				
01/02/2024	missing scans	x	<p>Missing scans due to RFI: Products impacted from 21:26:37 to 21:34:03</p>	RFI
03/02/2024	missing scans	x	<p>Missing L0 NR during the processing causing missing scans: Products impacted from 21:33:41 to 21:42:41 and from 17:24:42 to 17:27:42</p>	PDGS processing, circulation
07/02/2024	missing scans	x	<p>Missing scans due to RFI: Products impacted from 16:09:59 to 16:15:59</p>	RFI
10/02/2024	pointing errors	x	<p>Pointing errors due to manoeuvre: Out-of-Plane Manoeuvre (Collision Avoidance Manoeuvre S3B_SAT_UNA_2024_0005) Product sensing impacted from 05:35:30 to 07:19:29</p>	Manoeuvre

12/02/2024	missing scans	x		Missing scans due to RFI: Products impacted from 06:54:06 to 07:00:06	RFI
14/02/2024	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #98 (Orbit Correction Manoeuvre S3A_SAT_UNA_2024_0005) Product sensing impacted from 08:18:36 to 08:16:18	Manoeuvre
19/02/2024	missing scans		x	Missing scans due to RFI: Products impacted from 05:40:56 to 05:46:56	RFI
23/02/2024	oblique pointing errors	x		Listed products are impacted by pointing errors only on the oblique, no anomaly was detected for instance, likely reoccurrence of [OMPC-1055] [S3A] SLSTR - pointing errors on oblique - 04/03/2023	Unknown
24/02/2024	pointing errors		x	Listed products impacted by pointing errors due to OLCI moon calibration (S3BSAT_UNA_20240006). Products impacted from 22:53:47 to 23:23:47. Data gaps on: L1 and L2 LST: from 22:27:12 to 22:53:47 (26') L2 FRP from 22:27:12 to 22:49:20 (22')	OLCI Calibration
25/02/2024	pointing errors		x	Listed products impacted by pointing errors due to S3B IP Manoeuvre #099 (Orbit Correction Manoeuvre, S3BSAT_UNA_20240007). Products impacted from 15:37:39 to 15:52:39.	Manoeuvre
25/02/2024	pointing errors	x		Listed products impacted by pointing errors due to S3A IP Manoeuvre #099 (Orbit Correction Manoeuvre,, S3ASAT_UNA_20240006). Products impacted from 09:32:39 to 09:47:39.	Manoeuvre
26/02/2024	missing scans	x		Likely reoccurrence of the issue reported in [OMPC-133] Listed products show missing scans due to missing input L0 when L1 processing was executed. Products impacted from 17:28:24 to 17:31:24	Unknown
28/02/2024	missing scans	x		Listed products show missing scans due to missing input L0 when L1 processing was executed. Products affected from 03:08:08 to 03:11:08. Likely reoccurrence of the issue reported in [OMPC-133]	PDGS issue - Circulation
28/02/2024	missing scans	x		Listed products impacted by missing scans due to RFI with CSG-1 at timeframe 20:19:45 caused some unc frames. Products impacted from 19:41:01 up to 19:47:01.	RFI
MARCH					
02/03/2024	missing scans		x	Missing frames due to unknown reason. Products impacted from 00:41:41 up to 00:47:41. Opened CAMS ticket for OLCI: [GSANOM-14689] [OPT-MPC] S3B OLCI - Missing scans - 02/03/2024 - Jira (atlassian.net)	RFI

07/03/2024	pointing errors	x		Products impacted by pointing errors due to S3A Out-of-Plane Orbit Correction Manoeuvre (S3ASAT_UNA_20240007). Product impacted from 11:05:35 to 11:46:34.	Manoeuvre
14/03/2024	missing scans		x	Listed products impacted by missing scans due to RFI with SKYMED 4 at 16:29:21 UTC. Products impacted from 14:57:19 up to 15:03:19.	RFI
20/03/2024	pointing errors		x	Due to S3B IP Manoeuvre #100 (S3BSAT_UNA_20240008), Products impacted from 08:23:15 up to 08:37:14.	Manoeuvre
21/03/2024	pointing errors	x		Products impacted by pointing errors due to S3A IP Manoeuvre #101 (S3ASAT_UNA_20240009). Products impacted from 08:33:04 up to 08:47:03.	Manoeuvre
22/03/2024- 25/03/2024	missing scans, pointing errors, gaps		x	Following the outage at the Svalbard station on 22/03/2024, several products have been impacted. On 22/03/2024, impacted orbit from* *42163 to 42167: Products impacted by missing scans from 15:10:49 up to 20:23:21. Products impacted by pointing errors from 20:20:21 up to 23:23:46. Data gaps detected on L0, L1 and L2 from 15:15:40 up to 20:20:21 (5h) On 23/03/2024, impacted orbit from 42177 to 42182: Products impacted by missing scans from 14:44:39 up to 23:19:31. Products impacted by pointing errors from 23:16:31 up to 00:01:31. On 24/03/2024, impacted orbit from 42183 to 42196: Products impacted by missing scans from 00:47:34 up to 22:52:24. Products impacted by pointing errors from 00:01:31 up to 00:51:31. On 25/03/2024, impacted orbits: 42198, 42199: Products impacted by missing scans from 02:02:23 up to 03:58:22.	CGS issues
22/03/2024 - 24/02/2024	missing scans, pointing errors, gaps		x	Following the outage at the Svalbard station on 22/03/2024, several products have been impacted. On 22/03/2024, impacted orbit from* *30770 to 30772: Products impacted by missing scans from 14:31:49 up to 19:43:47. Products impacted by pointing errors from 19:41:36 up to 22:44:45. Data gaps detected on L0, L1 and L2: from 14:41:47 to 19:41:36 (4h)	CGS issues
25/03/2024	pointing errors, gaps		x	Listed products impacted by pointing errors due to OLCI moon calibration (S3A_SAT_UNA_2024_0010). Products impacted from 17:04:25 to 17:35:16. Data gaps on: L1 and L2 LST: 16:27:23 18:43:15 135' L2 FRP: 16:27:23 17:04:25 37'	OLCI Calibration

28/03/2024	missing scans	x		Listed products show missing scans due to missing input L0 when L1 processing was executed. Products affected from 17:24:43 to 17:27:43. Likely reoccurrence of the issue reported in [OMPC-133]	PDGS issue - Circulation
29/03/2024	pointing errors		x	Products impacted by pointing errors due to S3B Out-of-Plane Collision Avoidance Manoeuvre (S3B_SAT_UNA_2024_0011). Products impacted from 05:23:35 up to 08:06:34.	Manoeuvre
APRIL					
01/04/2024	missing scans	x		Listed products impacted by missing scans due to RFI with NUSAT-33 at 17:42:39. Products impacted from 16:39:59 up to 16:45:59.	RFI
03/04/2024	pointing errors	x		Listed products impacted by pointing errors due to S3A IP Manoeuvre #102 (Orbit Correction Manoeuvre, S3ASAT_UNA_20240011). Products impacted from 11:20:39 up to 11:37:38.	Manoeuvre
05/04/2024	missing scans	x		Missing scans due to unknown reason. Investigation ongoing. Products impacted from 05:57:19 up to 06:03:19.	Unknown RFI
07/04/2024	missing scans, data gaps	x		Products are affected by missing scans from 03:14:59 to 05:04:36. Gaps detected on L0, L1 and L2: from 03:19:08 up to 05:01:36 (102')	PDGS issue - Circulation
09/04/2024	missing scans	x		Missing scans due to RFI Products impacted from 21:44:29 up to 21:50:29.	RFI
11/04/2024	missing scans	x		Missing scans due to rfi Products impacted from 21:48:07 up to 21:54:07.	RFI
14/04/2024	missing scans	x		Listed product affected by missing scans due to unknown reason. Products impacted from 21:38:35 up to 21:44:35.	Unknown RFI
17/04/2024	pointing errors		x	Listed products impacted by pointing errors due to S3B Manoeuvre #104 (Unplanned Orbit Correction Manoeuvre, S3BSAT_UNA_20240013). Products impacted from 07:51:08 up to 08:05:07	Manoeuvre
20/04/2024	missing scans	x		Listed products show missing scans due to missing input L0 when L1 processing was executed. Products affected from 17:28:29 to 17:31:29. Likely reoccurrence of the issue reported in [OMPC-133] [S3A/B] SLSTR - missing scans re-occurrences from 20/03/2022 onwards - OPT-MPC JIRA (atlassian.net)	PDGS issue - Circulation
21/04/2024	missing scans	x		Missing scans due to an RFI with SUPERVIEW-2 02 at 22:27:02z causing uncorrectable frames in FEP_3. Products impacted from 14:04:19 up to 14:10:19.	RFI
21/04/2024	missing scans	x		Missing scans due to a possible unknown RFI at 15:42:35z Products impacted from 14:04:19 up to 14:10:19.	RFI

22/04/2024	missing scans	x		Listed products show missing scans due to missing input L0 when L1 processing was executed. Products affected from 03:08:13 to 03:11:13. Likely reoccurrence of the issue reported in [OMPC-133] [S3A/B] SLSTR - missing scans re-occurrences from 20/03/2022 onwards - OPT-MPC JIRA (atlassian.net)	PDGS issue - Circulation
23/04/2024	missing scans		x	Missing scans due to RFI with GEISAT at 15:55:47 causing uncorrectable frames on channel 1. Products impacted from 15:45:58 up to 15:51:58.	RFI
24/04/2024	missing scans	x		Missing scans due to RFI with Umbro-05 at 16:05:13 Products impacted from 14:35:44 up to 14:41:44.	RFI
24/04/2024	pointing errors	x		Listed products impacted by pointing errors due to S3A Manoeuvre #103 (Planned Orbit Correction Manoeuvre, S3ASAT_UNA_20240012). Products impacted from 08:51:48 up to 09:05:47	Manoeuvre
24/04/2024	pointing errors, data gap		x	Listed products impacted by pointing errors due to OLCI moon calibration S3BSAT_UNA_20240014. Products impacted from 11:16:49 to 12:12:48 Data gaps also detected: * L1 and L2: 11:21:39 11:42:48 (21') Solar Zenith Angle NaN valued detected for: S3BSL_1_RBT____20240424T114248_20240424T114548_20240425T104204_0179_092_166_0000_PS2_O_NT004.SEN3 S3BSL_1_RBT____20240424T114548_20240424T114848_20240425T104223_0179_092_166_0180_PS2_O_NT004.SEN3	OLCI Calibration
25/04/2024	missing scans	x		Missing scans due to RFI with YAM-3 and SKYSAT C10 @00:31:59z. Products impacted from 00:14:40 up to 00:23:40.	RFI
25/04/2024	pointing errors		x	Listed products impacted by pointing errors due to S3B Manoeuvre #105 (Planned Orbit Correction Manoeuvre, S3BSAT_UNA_20240015). Products impacted from 07:40:40 up to 07:57:39	Manoeuvre
26/04/2024	missing scans		x	Listed product affected by missing scans due to RFI Products impacted from 22:52:22 up to 23:01:22. Ticket opened on CAMS for OLCI: [GSANOM-15190]	RFI
27/04/2024	missing scans		x	Missing scans due to RFI with Superview NEO-1 02 at 12:31:49 UTC. Products impacted from 11:51:17 up to 11:57:17.	RFI
MAY					

05/05/2024	missing scans	x		Listed products show missing scans due to missing input L0 when L1 processing was executed. Products affected from 17:51:43 to 18:00:43. Likely reoccurrence of the issue reported in OMPC-133	PDGS issue - Circulation
07/05/2024	missing scans	x		Listed product affected by missing scans due to RFI Products impacted from 04:28:28 to 04:34:28.	RFI
08/05/2024	pointing errors	x		Listed products impacted by pointing errors due to S3A Manoeuvre #104 (Planned Orbit Correction Manoeuvre, S3ASAT_UNA_20240013). Products impacted from 07:48:15 up to 08:02:14	Manoeuvre
10/05/2024	missing scans	x		Listed product affected by missing scans due to unknown reason. Products impacted from 14:11:50 to 14:17:50. Ticket opened on CAMS for OLCI: [GSANOM-15291] [OPT-MPC] S3A OLCI - Missing scans - 10/05/2024	Unknown
11/05/2024	missing scans	x		Missing scans due to RFI with NUSAT-43 at 00:17:11. Products impacted from 00:05:45 up to 00:14:45	RFI
15/05/2024	pointing errors		x	Listed products impacted by pointing errors due to S3A Manoeuvre #104 (Planned Orbit Correction Manoeuvre, S3ASAT_UNA_20240016). Products impacted from 07:28:01 up to 07:42:00	Manoeuvre
16/05/2024	pointing errors	x		Listed products impacted by pointing errors due to S3A Manoeuvre #105 (Planned Orbit Correction Manoeuvre, S3ASAT_UNA_20240014). Products impacted from 07:40:46 up to 07:57:45	Manoeuvre
17/05/2024	missing scans	x		Listed products show missing scans due to missing input L0 when L1 processing was executed. Products affected from 17:28:30 to 17:31:30	PDGS issue - Circulation



YEAR 2023

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
02/01/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:10 to 03:13:10	PDGS processing, circulation
06/01/2023	missin scans	x		Missing scans due to RFI issue: Product sensing impacted from 14:00:28 to 14:06:28	rfi, svalbard
07/01/2023	missing scans/ pointing errors/ data gap	x		FRP pointing errors, L1/L2 and data gap due to planned OLCI moon calibration. Pointing errors: products from sensing period from 062721 to 072321 Gap detected from: L1 : 20230107 20230107 06:33:21 06:41:21 8' LST: 20230107 20230107 05:00:21 05:03:21 180" FRP: 20230107 20230107 06:33:21 06:50:42 17' RBT missing scans and SZA NaN detected from 063021 to 063321	OLCI moon calibration
10/01/2023	missing scans	x		Missisng scans due to RFI issue: Product sensing impacted from 01:13:50 to 01:19:50	rfi, svalbard
10/01/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 11:49:46 to 11:55:46	rfi, svalbard
12/01/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #068 Product sensing impacted from 07:13:14 to 07:28:14	Manoeuvre
17/01/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:24 to 17:31:24	PDGS processing, circulation
18/01/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #075 Product sensing impacted from 07:02:18 to 07:17:18	Manoeuvre
19/01/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:09 to 03:11:09	PDGS processing, circulation
20/01/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 09:13:44 to 09:22:44	rfi, svalbard
23/01/2023	pointing errors		x	Pointing errors due to manoeuvre: Out-Plane Manoeuvre #069 Product sensing impacted from 07:11:11 to 07:49:10	Manoeuvre
26/01/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 14:55:35 to 15:04:35	rfi, svalbard
27/01/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 20:41:22 to 20:47:22	rfi, svalbard
27/01/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 00:44:44 to 00:50:44	rfi, svalbard
28/01/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 14:48:26 to 14:54:26	rfi, svalbard
29/01/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 22:53:11 to 22:59:11	rfi, svalbard

29/01/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:08 to 03:13:08	PDGS processing, circulation
FEBRUARY					
06/02/2023	pointing errors/data gap		x	Due to planned OLCI moon calibration: Pointing errors detected for products from sensing period from 04:55:41 to 05:22:41 Data gap detected: 20230206 20230206 04:29:41 04:55:41 26'	OLCI moon calibration
15-16/02/2023	data gap		x	Due to short PdU or a missing PdU at the end of orbits investigation ongoing: Data gap detected: L2: 20230215 20230215 13:17:04 13:17:10 6" L2: 20230215 20230215 16:36:02 16:36:31 29" L1/L2: 20230215 20230215 20:01:01 20:01:12 11"	
15/02/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 21:23:53 to 21:32:53	
16/02/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 17:41:43 to 17:50:43	rfi, svalbard
16/02/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 05:36:49 to 05:42:49	rfi, svalbard
16/02/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre Product sensing impacted from 07:42:56 to 07:56:55	Manoeuvre
16/02/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre Product sensing impacted from 10:27:46 to 10:42:46	Manoeuvre
18/02/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 06:52:26 to 06:56:26	rfi, svalbard

25-26/02/2023	missing scans/data gaps	x	<p>Missing scans and data gaps due to decontamination: Product sensing impacted from 2023-02-25T00:51:12 to 2023-02-26T21:14:51 Data gaps: L1: 20230225 20230225 08:39:25 12:02:20 3h 20230225 20230225 12:05:07 12:14:19 9' 20230225 20230225 12:17:07 12:20:19 3' 20230225 20230225 12:23:07 12:26:19 3' 20230225 20230225 12:29:07 12:32:19 3' 20230225 20230225 12:35:07 12:44:19 9' 20230225 20230225 12:47:07 12:50:19 3' 20230225 20230225 12:53:07 12:56:19 3' 20230225 20230225 12:59:07 13:02:19 3' 20230225 20230225 13:05:07 13:14:19 9' 20230225 20230225 13:22:06 13:25:40 3' 20230225 20230225 13:52:06 13:55:40 3' 20230225 20230225 14:22:06 14:25:40 3' 20230225 20230225 14:52:06 14:55:40 3' 20230225 20230225 15:03:05 15:06:39 3' 20230225 20230225 15:16:18 16:59:20 103' LST: 20230225 20230225 08:39:25 18:19:04 9h FRP: 20230225 20230225 08:39:25 16:59:20 8h</p>	instrument anomaly decontamination
25/02/2023	missing scans	x	<p>Missing scans due to ground segment anomaly: Missing scans from 10:42:14 to 11:00:14</p>	PDGS processing, circulation
27/02/2023	missing scans	x	<p>Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:42 to 17:29:42</p>	PDGS processing, circulation
MARCH				
01/03/2023	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre Product sensing impacted from 08:28:30 to 09:09:29</p>	Manoeuvre
07/03/2023	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre #071 Product sensing impacted from 07:13:16 to 07:28:16</p>	Manoeuvre
07-08/03/2023	pointing errors/missing scans	x	<p>Pointing errors and missing scans due to OLCI moon calibration Product sensing impacted by missing scans from 07/03/2023 at 21:26:19 to 08/03/2023 at 00:42:17 Products sensing impacted by pointing errors from 07/03/2023 at 21:23:19 to 08/03/2023 at 00:42:17</p>	OLCI moon calibration
02/03/2023	missing scans	x	<p>Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:25 to 17:31:25</p>	PDGS processing, circulation
13/03/2023	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre #072 and #073 Product sensing impacted from 15:51:07 to 18:13:05</p>	Manoeuvre
14/03/2023	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre #078 Product sensing impacted from 09:47:06 to 10:04:06</p>	Manoeuvre

14/03/2023	missing scans/data gap		x	Missing scans and data gap due to RFI: Product sensing impacted by missing scans from 21:38:53 to 21:47:53 Data gap detected from 21:42:52 to 21:44:53	rfi, svalbard
16/03/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:39:41 to 17:45:41	PDGS processing, circulation
17/03/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 07:07:35 to 07:19:35	PDGS processing, circulation
04/03/2023	oblique pointing errors		x	Oblique pointing errors due to unknow issue Product sensing impacted from 16:05:58 to 17:25:35	unknown
22/03/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #074 Product sensing impacted from 08:57:29 to 09:11:28	Manoeuvre
23/03/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 09:27:18 to 09:33:18	rfi, svalbard
24/03/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:09 to 03:13:09	PDGS processing, circulation
26/03/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:40 to 17:29:40	PDGS processing, circulation
26/03/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 21:33:52 to 21:39:52	rfi, svalbard
27/03/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 09:26:33 to 09:32:33	rfi, svalbard
APRIL					
05/04/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #079 Product sensing impacted from 06:52:08 to 07:06:07	Manoeuvre
05/04/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 07:09:07 to 07:15:07	rfi, svalbard
05/04/2023	pointing errors		x	Pointing errors due to manoeuvre: Out-of-Plane Manoeuvre #075 Product sensing impacted from 09:42:51 to 10:00:51	Manoeuvre
06/04/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 13:44:39 to 13:50:39	rfi, svalbard
06/04/2023	pointing errors/data gap		x	Pointing errors and missing scans due to OLCI moon calibration Product sensing impacted by missing scans from 15:37:38 to 16:33:37 Data gap detected for: L1/LST: 20230406 20230406 15:41:37 16:03:37 22' FRP: 20230406 20230406 15:41:37 16:01:35 19'	OLCI moon calibration
06/04/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 18:23:37 to 18:29:37	rfi, svalbard
07/04/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 13:48:43 to 13:54:43	rfi, svalbard
10/04/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:14 to 03:11:14	PDGS processing, circulation
11/04/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 00:20:05 to 00:29:05	rfi, svalbard

19/04/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 10:00:19 to 10:06:19	rfi, svalbard
19/04/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 14:48:30 to 14:54:30	rfi, svalbard
20/04/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #076 Product sensing impacted from 09:46:08 to 10:03:07	Manoeuvre
22/04/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:42 to 17:29:42	PDGS processing, circulation
26/04/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #080 Product sensing impacted from 07:51:14 to 08:08:14	Manoeuvre
MAY					
02/05/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 18:49:53 to 18:55:53	rfi, svalbard
06/05/2023	pointing errors/data gap/missing scans	x		Pointing errors and missing scans due to OLCI moon calibration Product sensing impacted by pointing errors from 03:34:36 to 05:45:25 Products sensing impacted by missing scans from 03:34:36 to 05:17:09 Data gap detected partially filled: L1/L2: 20230506 20230506 03:34:25 03:34:36 11"	OLCI moon calibration
07/05/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:14 to 03:11:14	PDGS processing, circulation
10/05/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 17:13:24 to 17:19:24	rfi, svalbard
11/05/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #077 Product sensing impacted from 09:01:17 to 09:15:16	Manoeuvre
12/05/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 14:10:03 to 14:16:03	rfi, svalbard
14/05/2023	missing scans		x	Missing scans due to unknown issue: Product sensing impacted from 22:48:39 to 22:54:39	unknown issue
16/05/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #081 Product sensing impacted from 07:26:31 to 07:43:30	Manoeuvre
17/05/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:14 to 03:13:14	PDGS processing, circulation
12/05/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 14:10:03 to 14:16:03	rfi, svalbard
20/05/2023	pointing errors	x		Pointing oblique errors due to unknown anomaly: Product sensing impacted from 03:24:49 to 03:27:49 and 06:07:48 to 06:10:48	Pointing geolocation oblique
24/05/2023	missing scans	x		Missing scans due to ground segment anomaly: Missing scans from 02:36:05 to 02:51:05	PDGS processing, circulation
JUNE					
04/06/2023	pointing errors/data gap		x	Pointing errors and missing scans due to OLCI moon calibration Product sensing impacted by pointing errors from 11:39:52 to 12:35:51 Data gap detected partially filled: L1/L2: 20230604 20230604 11:42:32 12:08:51 26'	OLCI moon calibration

06/06/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #077 Product sensing impacted from 07:46:32 to 08:03:31	Manoeuvre
07/06/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 08:20:20 to 08:31:20	rfi, svalbard
13/06/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 00:48:19 to 00:54:19	rfi, svalbard
13/06/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:17 to 03:13:17	PDGS processing, circulation
14/06/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #081 Product sensing impacted from 06:37:06 to 06:51:05	Manoeuvre
14/06/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 15:55:01 to 16:01:01	rfi, svalbard
15/06/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:49 to 17:29:49	PDGS processing, circulation
17/06/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 02:22:35 to 02:28:35	PDGS processing, circulation
17/06/2023	missing scans/pointing errors		x	Missing scans and pointing errors due to ground segment anomaly: Missing scans from 01:34:34 to 01:40:34 Missing scans from 03:24:33 to 03:30:33 Pointing errors from 03:28:51 to 06:28:32	PDGS processing, circulation
22/06/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 00:23:41 to 00:29:41	rfi, svalbard
27/06/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:25 to 17:31:25	PDGS processing, circulation
29/06/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #077 Product sensing impacted from 07:53:18 to 08:07:17	Manoeuvre
JULY					
02/07/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 09:23:44 to 09:32:44	rfi, svalbard
03/07/2023	pointing errors/data gap/ missing scans	x		Pointing errors, missing scans and data gap due to OLCI moon calibration Product sensing impacted by pointing errors from 18:39:28 to 20:47:27 Products sensing impacted by missing scans from 18:39:28 to 20:20:27 Data gap detected partially filled: L1/FRP: 20230703 20230703 18:42:28 18:43:28 60" LST: 20230703 20230703 18:41:28 18:43:28 120"	OLCI moon calibration
05/07/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #083 Product sensing impacted from 07:33:11 to 07:50:10	Manoeuvre
08/07/2023	missing scans	x		Missing scans due to ground segment anomaly: Missing scans from 11:40:35 to 11:52:35	PDGS processing, circulation
10/07/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:20 to 03:13:20	PDGS processing, circulation

12/07/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:52 to 17:29:52	PDGS processing, circulation
17/07/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 01:01:04 to 01:07:04	rfi, svalbard
17/07/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 16:00:57 to 16:06:57	rfi, svalbard
22/07/2023	missing scans		x	Missing scans due to unknow issue: Product sensing impacted from 15:16:01 to 15:22:01	unknow issue
23/07/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 21:51:43 to 21:57:43	rfi, svalbard
25/07/2023	missing scans	x		Missing scans due to RFI: Product sensing impacted from 12:08:25 to 12:17:25	rfi, svalbard
25/07/2023	missing scans	x		Missing scans due to PUG error: Product sensing impacted from 17:28:22 to 17:31:22	PDGS issue, PUG
26/07/2023	data gap		x	Data gap due to PUG error: Data gap detected from 20230726 20230726 07:58:19 09:39:18 100'	PDGS issue, PUG
26/07/2023	missing scans/data gap		x	Missing scans due to RFI: L2 product sensing impacted from 08:22:19 to 08:31:19 Due to PUG error, SL1 not generated during the RFI period (cf ticket OMPC-1367)	rfi, svalbard
27/07/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:05 to 03:11:05	PDGS processing, circulation
27/07/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 06:21:09 to 06:24:09	rfi, svalbard
27/07/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #080 Product sensing impacted from 07:27:09 to 07:41:08	Manoeuvre
27/07/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #084 Product sensing impacted from 08:03:04 to 08:17:03	Manoeuvre
29/07/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:24:37 to 17:27:37	PDGS processing, circulation
30/07/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #085/#086 Product sensing impacted from 14:21:27 to 17:07:25	Manoeuvre
AUGUST					
04/08/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 00:29:44 to 00:38:44	rfi, svalbard
04/08/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 02:45:43 to 02:45:43	rfi, svalbard
06/08/2023	missing scans/data gap		x	Missing scans due to RFI: L1 and L2 product sensing impacted from 01:03:22 to 01:12:22 Data gap detected from 01:07:40 to 01:10:25 (165")	rfi, svalbard

07-08/08/2023	missing scans/data gaps	x	<p>Missing scans and data gaps due to decontamination: Product sensing impacted from 06/08/2023 12:14:10 to 07/08/2023 20:10:55 Data gaps: L1: 20230806 20230807 20:55:53 01:42:03 4h 20230807 20230807 01:48:03 01:51:36 3' 20230807 20230807 02:18:03 02:21:36 3' 20230807 20230807 02:48:03 02:51:38 3' 20230807 20230807 03:18:03 03:21:36 3' 20230807 20230807 03:29:02 03:32:35 3' 20230807 20230807 03:59:02 04:02:35 3' 20230807 20230807 04:29:02 04:32:35 3' 20230807 20230807 04:59:02 05:02:35 3' 20230807 20230807 05:10:02 05:13:37 3' 20230807 20230807 05:40:02 05:43:37 3' 20230807 20230807 06:10:02 06:13:37 3' 20230807 20230807 06:40:02 06:43:34 3' 20230807 20230807 06:45:01 10:06:59 3h</p> <p>LST: 20230806 20230807 20:55:53 10:06:59 13h FRP: 20230806 20230807 20:55:53 08:49:19 11h</p>	instrument anomaly decontamination
10/08/2023	missing scans	x	<p>Missing scans due to RFI: Product sensing impacted from 12:16:24 to 12:25:24</p>	rfi, svalbard
10/08/2023	missing scans	x	<p>Missing scans due to unknown issue: L2 product sensing impacted from 18:18:29 to 18:27:29 Due to PUG error, SL1 not generated (cf ticket OMPC-1419)</p>	unknown issue
10/08/2023	data gap	x	<p>Data gap due to PUG error: Data gap detected on 20230810, from 18:15:29 to 19:56:28 100'</p>	PDGS issue, PUG
10/08/2023	missing scans	x	<p>Missing scans: Product sensing impacted from 20:38:28 to 21:02:28</p>	unknown issue
10/08/2023	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre (Collision Avoidance Manoeuvre UNA_2023_0025) Product sensing impacted from 15:11:30 to 15:26:30</p>	Manoeuvre
11/08/2023	missing scans	x	<p>Missing scans: Product sensing impacted from 11:38:21 to 11:47:21</p>	unknown issue
11/08/2023	missing scans	x	<p>Missing scans due to RFI: Product sensing impacted from 19:07:18 to 19:16:18</p>	rfi, svalbard
12/08/2023	missing scans	x	<p>Missing scans due to RFI: Product sensing impacted from 15:07:00 to 15:13:00</p>	rfi, svalbard
16/08/2023	pointing errors	x	<p>Pointing errors due to manoeuvre: In-Plane Manoeuvre #082 Product sensing impacted from 07:05:29 to 07:19:29</p>	Manoeuvre

16/08/2023	missing scans		x	Missing scans due to SLSTR CDE powercycle Product sensing impacted from 16/08/2023 at 12:37:26 to 17/08/2023 at 02:47:20	instrument anomaly decontamination
17/08/2023	pointing errors	x		Pointing errors due to manoeuvre: OOP Manoeuvre #087 Product sensing impacted from 07:00:08 to 07:44:07	Manoeuvre
20/08/2023	missing scans		x	Missing scans due to RFI: Product sensing impacted from 16:46:40 to 16:52:40	rfi, svalbard
21/08/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:19 to 17:31:19	PDGS processing, circulation
22/08/2023	missing scans		x	Missing scans: Products impacted from 10:42:20 to 10:48:20	rfi, svalbard
21/08/2023	missing scans and pointing errors	x		Missing scans: L2 FRP impacted from 22:31:16 to 22:34:16 Missing scans and pointing errors : L2 LST impacted from 22:31:16 to 22:34:16	PDGS processing issue
26/08/2023	missing scans		x	Missing scans due to RFI: Products impacted from 14:44:32 to 14:53:32	rfi, svalbard
31/08/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3A_SAT_UNA_2023_0023) Product sensing impacted from 07:55:33 to 08:12:33	Manoeuvre
31/08/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0029) Product sensing impacted from 07:16:40 to 07:30:39	Manoeuvre
31/08/2023	pointing errors and data gap		x	Pointing errors and data gap due to OLCI moon calibration Product sensing impacted by pointing errors from 08:42:39 to 09:38:38 Data gap detected: L1 and L2 FRP: 20230831 20230831 08:44:34 09:06:35 22' LST: 20230831 20230831 08:44:34 10:46:37 122'	OLCI moon calibration
31/08/2023	missing scans		x	Missing scans due to RFI: Products impacted from 14:44:32 to 14:53:32	rfi, svalbard
SEPTEMBER					
02/09/2023	missing scans	x		Missing scans due to RFI: Products impacted from 13:17:09 to 13:23:09	rfi, svalbard
02/09/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:19 to 17:31:19	PDGS processing, circulation
03/09/2023	missing scans	x		Missing scans due to RFI: Products impacted from 08:53:00 to 09:02:00	rfi, svalbard
03/09/2023	missing scans		x	Missing scans due to RFI: Products impacted from 21:29:59 to 21:32:59	rfi, svalbard
04/09/2023	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:50 to 17:29:50	PDGS processing, circulation
06/09/2023	missing scans	x		Missing scans due to RFI: Products impacted from 16:29:24 to 16:38:24	rfi, svalbard

17/09/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:23 to 17:31:23	PDGS processing, circulation
19/09/2023	missing scans	x		Missing scans due to RFI: Products impacted from 19:08:00 to 19:17:00	rfi, svalbard
20/09/2023	pointing errors		x	Pointing errors due to manoeuvre: Out-of-Plane Manoeuvre (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0030) Product sensing impacted from 08:26:53 to 09:04:53	Manoeuvre
24/09/2023	missing scans		x	Missing scans due to RFI: Products impacted from 19:07:05 to 19:13:05	rfi, svalbard
26-27/09/2023	missing scans	x		Missing scans caused by Black Body Crossover Test: Product sensing impacted from the 26/09/2023 at the 07:15:46 to the 27/09/2023 to the 14:59:31	SLSTR Calibration
27/09/2023	pointing errors	x		Pointing errors due to IP manoeuvre #089 (S3A_SAT_UNA_2023_0027) Product sensing impacted from 08:01:35 to 08:18:35	Manoeuvre
28/09/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0032) Product sensing impacted from 08:31:26 to 08:48:25	Manoeuvre
29/09/2023	pointing errors and data gap and missing scans	x		Pointing errors and data gap due to OLCI moon calibration Product sensing impacted by pointing errors from 19:02:54 to 19:32:54 Data gap detected: on L1 20230929 20230929 18:44:08 20:39:07 114' on L2 LST: 20230929 20230929 18:26:54 20:39:07 132' on L2 FRP 20230929 20230929 18:44:08 19:01:27 17' 20230929 20230929 20:07:05 20:07:08 3"	OLCI moon calibration
Octobre					
01/10/2023	oblique pointing errors	x		Oblique pointing errors due to unknow issue Product sensing impacted from 16:22:48 to 16:24:47	unknown
04-05/10/2023	missing scans		x	Missing scans caused by Black Body Crossover Test: Product sensing impacted from the 04/10/2023 at the 08:07:21 to the 05/10/2023 to the 03:20:12	SLSTR Calibration
06/10/2023	missing scans	x		Missing scans due to RFI: Products impacted from 21:45:50 to 21:54:50	rfi, svalbard
09/10/2023	oblique pointing errors	x		Oblique pointing errors due to unknow issue Product sensing impacted from 19:22:18 to 19:34:18	unknown
11/10/2023	missing scans	x		Missing scans due to RFI: Products impacted from 21:33:55 to 21:39:55	rfi, svalbard
13/10/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0033) Product sensing impacted from 08:45:51 to 09:02:41	Manoeuvre
14/10/2023	missing scans		x	Missing scans due to RFI: Products impacted from 00:08:34 to 00:14:34	rfi, svalbard

16/10/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3A_SAT_UNA_2023_0028) Product sensing impacted from 08:11:03 to 08:26:23	Manoeuvre
19/10/2023	oblique pointing errors	x		Oblique pointing errors due to unknow issue Product sensing impacted from 06:44:32 to 06:50:32	unknown
29/10/2023	pointing errors and data gap		x	Pointing errors due to OLCI moon calibration Product sensing impacted by pointing errors from 07:03:47 to 07:33:47 Data gap detected: 1) L1 and L2 LST: from 06:37:52 to 07:03:47 (25') 2) L2 FRP: from 06:37:52 to 07:01:44 (23')	OLCI moon calibration
31/10/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3A_SAT_UNA_2023_0028) Product sensing impacted from 10:06:18 to 10:21:18	Manoeuvre
November					
02/11/2023	missing scans	x		Missing scans: Products impacted from 15:13:53 to 15:19:53	unknown issue
03/11/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre #088 and #089 Product sensing impacted from 22:03:45 to 22:21:45	Manoeuvre
06/11/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 21:48:04 to 21:54:04	PDGS processing, circulation
09/11/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3A_SAT_UNA_2023_0030) Product sensing impacted from 07:54:35 to 08:09:35	Manoeuvre
12/11/2023	missing scans	x		Missing scans due to RFI: Products impacted from 08:47:02 to 08:53:02	rfi, svalbard
12/11/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:04 to 03:11:04	PDGS processing, circulation
13/11/2023	missing scans	x		Missing scans due to RFI: Products impacted from 07:15:52 to 07:21:52	rfi, svalbard
15/11/2023	missing scans and data gap	x		Missing scans due to system failure in SVL nominal system: Products impacted from 23:51:22 to 00:06:22	PDGS processing, circulation
15/11/2023	pointing errors		x	Pointing errors due to manoeuvre: In-Plane Manoeuvre (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0038) Product sensing impacted from 09:35:36 to 09:50:36	Manoeuvre
18/11/2023	missing scans		x	Missing scans due to RFI: Products impacted from 14:20:01 to 14:26:01	rfi, svalbard
21/11/2023	missing scans		x	Missing scans due to unknown reason, investigation ongoing: Products impacted from 11:38:30 to 11:54:44	CGS issue
21/11/2023	missing scans		x	Missing scans due to unknown reason, investigation ongoing: Products impacted from 16:35:28 to 16:38:28 Gap also detected: - from 16:39:57 to 16:48:04 (8')	CGS issue

21/11/2023	missing scans		x	Missing scans due to unknown reason, investigation ongoing: Products impacted from 20:18:27 to 20:26:26	CGS issue
22/11/2023	missing scans and gaps		x	Missing scans due to unknown reason, investigation ongoing: Products impacted from 09:46:20 to 10:18:20 Gaps also detected: L0: - from 09:48:17 to 09:48:21 (4") - from 09:51:46 to 10:00:42 (8") L1, L2: from 09:48:17 to 10:00:42 (12')	CGS issue
24/11/2023	missing scans		x	Missing scans due to unknown reason, investigation ongoing: Products impacted from 07:53:59 to 07:59:59	rfi, svalbard
24/11/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 21:39:42 to 21:45:42	PDGS processing, circulation
27/11/2023	missing scans	x		Missing scans due to RFI: Products impacted from 05:54:16 to 06:00:16	unknown issue
27/11/2023	pointing errors, data gap	x		Impact of OLCI moon calibration (S3A_SAT_UNA_2023_0032) FRP Pointing errors, products impacted from 19:58:10 to 20:49:15 L1/L2 Gaps: L1 and L2 LST: from 18:28:10 to 21:50:08 (3h) L2 FRP: from 20:01:10 to 20:19:00 (17') from 21:22:40 to 21:50:08 (27')	OLCI moon calibration
28/11/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #93(Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0034) Product sensing impacted from 11:01:02 to 11:42:01	Manoeuvre
30/11/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #94 (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0035) Product sensing impacted from 18:50:36 to 19:08:36	Manoeuvre
December					
01/12/2023	missing scans	x		Missing scans due to RFI: Products impacted from 12:25:28 to 12:31:28	rfi, svalbard
03/12/2023	missing scans	x		Missing scans due to RFI: Products impacted from 06:24:09 to 06:33:09	rfi, svalbard
07/12/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:20 to 17:31:20	PDGS processing, circulation
07/12/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #93 (Orbit Correction Manoeuvre S3B_SAT_UNA_2023_0043) Product sensing impacted from 08:27:30 to 08:4:230	Manoeuvre
08/12/2023	missing scans/gap	x		Missing scans due to RFI: Products impacted from 21:29:14 to 21:38:14 Gaps on all levels between 21:32:54 and 21:35:11 (137")	rfi, svalbard
09/12/2023	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:04 to 03:11:04	PDGS processing, circulation

10/12/2023	pointing errors	x		Pointing errors due to manoeuvre: In-Plane Manoeuvre #95 (Orbit Correction Manoeuvre S3A_SAT_UNA_2023_0036) Product sensing impacted from 09:25:51 to 09:43:51	Manoeuvre
15/12/2023	missing scans	x		Missing scans due to RFI: Products impacted from 16:51:55 to 16:57:55	rfi, svalbard
22/12/2023	missing scans		x	Missing scans due to CADIP issue: Products impacted from 03:12:48 to 03:18:48	PDGS circulation
22/12/2023	missing scans		x	Missing scans due to RFI: Products impacted from 13:21:44 to 13:27:44	rfi, svalbard
22/12/2023	missing scans		x	Missing scans due to processing issue on S3B PS side: Products impacted from 16:01:42 to 17:33:41	PDGS processing, circulation
22/12/2023	missing scans		x	Missing LO NR during the processing causing missing scans: Products impacted from 19:00:42 to 19:02:41	PDGS processing, circulation
27/12/2023	pointing errors and data gap and missing scans		x	Pointing errors and data gap due to OLCI moon calibration Product sensing impacted by pointing errors from 07:51:50 to 08:47:49 Data gap detected: on L1 and L2 LST from 07:59:27 to 08:20:49 on FRP from 07:59:27 to 08:16:22 SZA NAN values detected from 07:54:50 to 07:59:27 RBT missing scans from 07:57:50 to 07:59:27	OLCI moon calibration

YEAR 2022

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
04/01/2022	Data gap	x		Unrecoverable gap (2022-01-04T09:01:32 - 2022-01-04T09:03:32) due to PDUTime interval minor than minimum defined duration	data gap, production
06/01/2022	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 00:02:03 to 00:20:03 and from 02:04:02 to 02:19:02 are affected by the issue	Pointing geolocation manoeuvre
10/01/2022	Data gap	x		Unrecoverable gap (2022-01-10T23:14:21 -2022-01-10T23:16:20) due to overlap of 1 PdU when 2 or more PdU were passed in JO	data gap, production
12/01/2022	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period from 08:16:38 to 08:28:38	Pointing geolocation manoeuvre
12/01/2022	Missing scans		x	RFI causing missing scans in products Products including sensing period from 08:25:38 to 08:34:38 are affected by the issue	rfi, svalbard
18/01/2022	Data gap	x		Data gap caused by IPF segmentation fault due to OLCI Moon calibration from 06:19:01 to 09:40:59	data gap, production
19/01/2022	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 07:22:50 to 07:36:50	Pointing geolocation manoeuvre
27/01/2022	Data gap	x		Unrecoverable gap (2022-01-27T09:05:21 -2022-01-27T09:07:20) due to an unexpected number of values found for PDU frame numbers	data gap, production
27/01/2022	Missing scans	x		RFI causing missing scans in L1 products Products including sensing period from 17:09:17 to 17:12:17 are affected by the issue	rfi, svalbard
FEBRUARY					
02/02/2022	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period from 07:14:43 to 07:49:43	Pointing geolocation manoeuvre
02/02/2021	Missing scans		x	RFI causing missing scans: Products including sensing period from 14:36:39 to 14:42:39 are affected by the issue	rfi, svalbard
07/02/2021	Missing scans		x	RFI causing missing scans: Products including sensing period from 00:38:52 to 00:44:52 are affected by the issue	rfi, svalbard
15/02/2021	Missing scans		x	RFI causing missing scans: Products including sensing period from 23:15:14 to 23:24:14 are affected by the issue	rfi, svalbard
16/02/2021	gap data/missing scans		x	OLCI moon calibration causing a IPF segmentation fault data gap from: - L2 products: 21:37:03 23:55:08 138' - L1 products: 23:07:04 23:55:08 48' Missing scans from 23:04:04 to 23:07:04	OLCI moon calibration, data gap
23/02/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 07:29:18 to 07:44:18	Pointing geolocation manoeuvre

24/02/2021	Missing scans		x	Missing scans caused by acquisition issue: L1 products from sensing period from 11:18:41 to 11:23:40 L2 products from sensing period from 11:21:40 to 11:23:40 Pointing errors from 09:42:41 to 11:23:40	acquisition issue
26-27/02/2022	data gap	x	x	Unrecoverable data gap due to using of new PUG version 3.44 with products FRP using old IPF version 01.05: S3A: from 22:55:39 to 22:57:38 from 02:17:37 to 02:19:36 S3B from 01:38:12 to 01:40:11	data gap, PUG
MARCH					
02/03/2022	missing scans /data gap		x	Acquisition issue causing missing scans Products including sensing period from 12:29:33 to 12:32:15 and from 12:45:36 to 12:47:33 Data gap from 12:32:15 to 12:45:36	data gap, acquisition issue
04/03/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 21:44:32 to 21:53:32	rfi, svalbard
07/03/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 07:48:05 to 07:54:05	rfi, svalbard
13/03/2022	pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 14:26:54 to 15:04:53	Pointing geolocation manoeuvre
13/03/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 22:12:26 to 22:18:26	rfi, svalbard
15/03/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 08:24:10 to 08:30:10	rfi, svalbard
16/03/2022	missing scans		x	Pointing errors due to planned manoeuvre. Products from sensing period from 07:34:59 to 07:51:59	Pointing geolocation manoeuvre
18/03/2022	missing scans/data gap	x		OLCI moon calibration causing a IPF segmentation fault data gap from: 20220318 20220318 15:38:02 17:35:58 117' Missing scans from 15:34:59 to 15:38:02	OLCI moon calibration, data gap
19/03/2022	missing scans		x	PDHU Packet Store Dump Anomaly for S3B. Products including sensing time from 12:18:24 to 12:24:24 are affected by the issue	PDHU anomaly
25/03/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 01:31:49 to 01:40:49	rfi, svalbard
26/03/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 18:53:03 to 19:03:03	rfi, svalbard
27/03/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 08:49:24 to 08:58:24	rfi, svalbard
27/03/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 00:09:01 to 00:15:01	rfi, svalbard
APRIL					
05/04/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 23:38:48 (04/04/2022) to 01:19:48	rfi, svalbard

05/04/2022	missing scans		x	Scans missing on products from 20220405T00:20:21 to 20220406 00:00:10 to 20220406 09:06:05	data gap, production
06/04/2022	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period from 20220406 08:19:06 to 20220406 08:57:05	Pointing geolocation manoeuvre
08/04/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 20220408 08:56:11 to 20220408 09:05:11	rfi, svalbard
09/04/2022	missing scans		x	Scans missing on products from 20220409 17:26:29 20220409 17:29:29	circulation
11/04/2022	missing scans		x	Scans missing on products from 20220411 13:27:09 to 20220411 13:36:09	circulation
13/04/2022	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 20220413 07:48:16 to 08:02:15	Pointing geolocation manoeuvre
17/04/2022	Pointing errors		x	Pointing errors due to planned OLCI moon calibration. Products from sensing period from 20220417 05:32:07 to 06:02:07	OLCI moon calibration
24/04/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products sensing from 01:36:18 to 12:00:13	PDGS processing, circulation
27/04/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products sensing from 00:03:47 to 00:11:47	PDGS processing, circulation
27/04/2022	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 09:21:16 to 09:38:15	Pointing geolocation manoeuvre
MAY					
04/05/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 00:45:04 to 00:54:04	rfi, svalbard
04/05/2022 & 06/05/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products sensing from 03:10:02 to 03:13:02 & 17:26:34 to 17:29:34	PDGS processing, circulation
09/05/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 08:13:06 to 08:19:06	rfi, svalbard
16/05/2022	Pointing errors	x		Pointing errors due to planned OLCI moon calibration. Products from sensing period from 15:25:06 to 15:52:06 Gap detected from 13:44:06 15:25:06	OLCI moon calibration
18/05/2022	Pointing errors	x		Pointing errors due to planned In-Plane Manoeuvre #066 (S3A_UNA_0015) Products from sensing period from 05:59:48 to 06:13:47	Pointing geolocation manoeuvre
19/05/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Many products impacted from 17:28:31 to 17:31:31	PDGS processing, circulation
20-21/05/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Many products impacted from 20/05/2022 23:55:17 to 21/05/2022 08:35:14	PDGS processing, circulation
24/05/2022	Pointing errors		x	Pointing errors due to planned S3B IP Manoeuvre #060 execution. (S3B_UNA_0011) Products from sensing period from 07:43:21 to 07:57:20	Pointing geolocation manoeuvre
31/05/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Many products impacted from 03:10:07 to 03:13:07	PDGS processing, circulation
JUNE					

02/06/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 12:24:59 to 12:30:59	rfi, svalbard
02/06/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Many products impacted from 17:26:28 to 17:29:38	PDGS processing, circulation
14/06/2022	Pointing errors	x		Pointing errors due to planned IP Manoeuvre #067 execution (S3A_UNA_0017) Products from sensing period from 09:21:46 to 09:35:45	Pointing geolocation manoeuvre
14/06/2022	Pointing errors/missing scans		x	Pointing errors and missing scans due to planned OLCI moon calibration. Pointing errors: products from sensing period from 21:49:25 to 22:45:25 Missing scans: products from sensing period from 21:52:25 to 21:55:50 Gap detected from 21:55:50 22:18:25	OLCI moon calibration
20-22/06/2022	missing scans/data gap		x	On-board anomaly AR/7473 causing missing scans: Products including sensing period from 20220620T011028 to 20220621T223707 and from 20220622T102401 to 20220622T184358 A data gap is also detected for L1: from 20220620T114216 to 20220621T093725 for L2: 20220620T111623 to 20220621T093725	on-board anomaly
22/06/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 16:05:59 to 16:20:59	rfi, svalbard
22/06/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 16:05:59 to 16:20:59	rfi, svalbard
29/06/2022	Pointing errors		x	Pointing errors due to planned IP Manoeuvre #061 execution (UNA_0015) Products from sensing period from 08:44:44 to 08:59:44	Pointing geolocation manoeuvre
29/06/2022	Data gap	x		Data gap due to PUG fails on first PDU of consolidated SLSTR L1: Gap detected from 11:21:58 to 11:24:58	data gap, PUG
30/06/2022	Data gap	x		Data gap due to PUG fails on first PDU of consolidated SLSTR L1: Gap detected from 14:17:45 to 14:20:45 and from 21:01:43 to 21:04:43	data gap, PUG
JULY					
02/07/2022	Data gap	x		Data gap due to PUG fails on first PDU of consolidated SLSTR L1: Gap detected from: - 11:44:24 to 11:47:24 - 13:25:24 to 13:28:24 - 23:31:19 to 23:34:19	data gap, PUG
04/07/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 11:13:02 to 11:19:02	rfi, svalbard
05/07/2022	Pointing errors	x		Missing downlink session causing: Pointing errors on products including sensing period from 07:03:53 to 08:44:52 Missing scans on products including sensing period from 03:53:54 to 03:57:10 Data gap from 03:57:10 to 05:47:04	cgs issue
06/07/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 01:28:31 to 01:37:31	rfi, svalbard
07/2022-08/07/20	Data gap	x		Data gap due to PUG fails on first PDU of consolidated SLSTR L1: Gap detected: - 20220707 09:33:29 09:36:29 - 20220708 07:26:19 07:29:19	data gap, PUG

09/07/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 05:43:09 to 05:52:09	rfi, svalbard
13-14/07/2022	Pointing errors/data gap	x		Pointing errors and missing scans due to planned OLCI moon calibration. Pointing errors: products from sensing period from 23:46:15 to 00:13:15 Gap detected from 22:05:16 to 23:46:15	OLCI moon calibration
15/07/2022	missing scans		x	RFI causing missing scans on orbit 21985: Products including sensing period from 13:08:47 to 13:14:47	rfi, svalbard
15/07/2022	missing scans		x	RFI causing missing scans on orbit 21989: Products including sensing period from 20:28:44 to 20:33:44	rfi, svalbard
17/07/2022	missing scans	x		RFI causing missing scans: Products including sensing period from 10:38:36 to 10:44:36	rfi, svalbard
21/07/2022	Pointing errors	x		Pointing errors due to planned in-Plane Manoeuvre #068 (UNA_2022_0019) Products from sensing period from 06:31:53 to 06:46:53	Pointing geolocation manoeuvre
24/07/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products sensing from 03:10:12 to 03:13:12	PDGS processing, circulation
27/07/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 05:58:37 to 06:04:37	rfi, svalbard
31/07/2022	missing scans		x	RFI causing missing scans: Products including sensing period from 14:55:49 to 15:01:49	rfi, svalbard
AUGUST					
01/08/2022 to 04/08/2022	Instrument anomaly	x		Due to an instrument anomaly, products sensed from 20220801T001953 to 20220804T035918 are degraded Data gap detected 20220801 20220802 10:48:15 18:24:33	instrument anomaly decontamination
08/08/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Many products impacted from 17:28:26 to 17:31:26	PDGS processing, circulation
09/08/2022	Pointing errors		x	Pointing errors due to planned in-Plane Manoeuvre (UNA_2022_0016) Products from sensing period from 07:53:11 to 08:04:10	Pointing geolocation manoeuvre
10/08/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Many products impacted from 03:08:10 to 03:11:10	PDGS processing, circulation
10/08/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 21:51:02 to 21:57:02	rfi, svalbard
11/08/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 22:12:51 to 22:18:51	rfi, svalbard
12/08/2022	Pointing errors/data gap		x	Pointing errors and missing scans due to planned OLCI moon calibration. Pointing errors: products from sensing period from 07:54:28 to 08:50:37 Gap detected from 07:59:19 08:20:37	OLCI moon calibration
13/08/2022	missing scans		x	Missing scans caused missing L0 during the processing: Products including sensing period from 22:10:28 to 22:13:56	PDGS processing, circulation

14/08/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 02:43:18 to 02:49:18	PDGS processing, circulation
13-14/08/2022	missing scans/pointing errors	x		Missing scans and pointing errors due to ground segment anomaly: Pointing errors from 20220814 at 00:01:49 to 03:04:25 Missing scans from 20220813 at 23:54:27 to 20220814 at 00:03:27	PDGS processing, circulation
21/08/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 21:24:00 to 21:30:00	rfi, svalbard
22/08/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:43 to 17:29:43	PDGS processing, circulation
24/08/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 11:05:24 to 11:11:24	rfi, svalbard
25/08/2022	Pointing errors/data gap	x		Pointing errors due to planned in-Plane Manoeuvre (UNA_2022_0021) Products (L0, L1 and L2) from sensing period from 08:01:01 to 08:41:01 are impacted	Pointing geolocation manoeuvre
30/08/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 20220830 18:12:46 to 20220830 18:17:40	rfi, svalbard
SEPTEMBER					
04/09/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:26 to 17:31:26	PDGS processing, circulation
07/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 13:47:55 to 13:53:55	rfi, svalbard
09/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 12:10:33 to 12:16:33	rfi, svalbard
10/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 13:22:22 to 13:28:22	rfi, svalbard
10/09/2022	data gap	x		Gap detected due to planned OLCI moon calibration from 14:51:21 to 18:13:20	OLCI moon calibration
08-10/09/2022	data gap	x		Data gaps detected on production: L1: 20220910 20220910 06:26:25 08:07:24 LST: 20220908 20220910 22:27:40 08:07:24 FRP: 20220910 20220910 06:26:25 08:07:24 L1/L2: 20220911 20220912 22:50:07 07:15:03	PDGS processing, circulation
12/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 16:30:59 to 16:36:59	rfi, svalbard
13/09/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 07:03:52 to 07:15:52	PDGS processing, circulation
09/09/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 10:33:30 to 10:36:30; from 15:34:07 to 15:37:07; from 18:53:30 to 18:56:30	PDGS processing, circulation
15/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 09:18:18 to 09:24:18	rfi, svalbard
16/09/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:40 to 17:29:40	PDGS processing, circulation

18/09/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 07:50:45 to 07:59:45	rfi, svalbard
18/09/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 14:55:53 to 15:07:53	PDGS processing, circulation
19/09/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 02:39:47 to 02:54:47	PDGS processing, circulation
09/09/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 11:50:34 to 12:31:20 and 15:19:07 and 15:22:07	PDGS processing, circulation
21/09/2022	Pointing errors		x	Pointing errors due to planned in-Plane Manoeuvre #063 (UNA_2022_0020) Products from sensing period from 07:38:11 to 07:52:10	Pointing geolocation manoeuvre
24/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 20:37:44 to 20:49:44	rfi, svalbard
26-28/09/2022	missing scans	x		Missing scans caused by Body Crossover Test: Products including sensing period from 26/09/2022 08:19:27 to 2022/09/28 06:12	instrument-special-operation / Blackbody Crossover Test
30/09/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 123141 to 123741	rfi, svalbard
OCTOBER					
01/10/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 195713 to 200357	rfi, svalbard
01/10/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:26 to 17:31:26	PDGS processing, circulation
03/10/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:10 to 03:11:10	PDGS processing, circulation
06/10/2022	Pointing errors		x	Pointing errors due to planned Out-of-Plane Manoeuvre #064 (UNA_2022_0022) Products from sensing period from 07:34:23 to 08:12:22	Pointing geolocation manoeuvre
06/10/2022	Pointing errors	x		Pointing errors due to planned in-Plane Manoeuvre #070 (UNA_2022_0027) Products from sensing period from 06:52:35 to 07:07:35	Pointing geolocation manoeuvre
10/10/2022	Pointing errors		x	Pointing errors due to planned OLCI moon calibration Products from sensing period from 07:30:39 to 08:26:38	OLCI moon calibration
13-15/10/2022	missing scans	x		Missing scans caused by Body Crossover Test: Products including sensing period from 2022-10-13T03:10:07 to 2022-10-14T19:16:50	instrument-special-operation / Blackbody Crossover Test
15/10/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:26:39 to 17:29:39	PDGS processing, circulation
16/10/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 19:56:39 to 20:02:39	rfi, svalbard
17/10/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 12:34:19 to 12:40:19	rfi, svalbard
20/10/2022	Pointing errors		x	Pointing errors due to planned IP Manoeuvre #065 (S3B_SAT_UNA_0024) Products from sensing period from 08:31:47 to 08:46:47	Pointing geolocation manoeuvre
25/10/2022	missing scans		x	Missing scans due to corrupted X-Band HKTM file: Products including sensing period from 08:37:54 to 08:46:54	PDGS processing, circulation
28/10/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:26 to 17:31:26	PDGS processing, circulation

29/10/2022	missing scans/data gap		x	Missing scans and data gap due to ground segment anomaly: Missing scans from 10:30:10 to 10:35:18 Missing scans due to L0 NR missing during processing from 11:44:22 to 11:47:09 Data gap detected for L1 and L2: 10:35:18 11:44:22 69'	PDGS processing, circulation
30/10/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:10 to 03:11:10	PDGS processing, circulation
31/10/2022	Pointing errors		x	Pointing errors due to planned in-Plane Manoeuvre #071 (UNA_2022_0028) Products from sensing period from 11:12:55 to 11:27:55	Pointing geolocation manoeuvre
25/10/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 11:44:52 to 11:50:52	rfi, svalbard
NOVEMBER					
08/11/2022	missing scans/data gap		x	Missing scans and data gap caused by RFI: Products including sensing period from 172217 to 173417 Data gap: 20221108 20221108 17:28:48 17:29:32 44"	rfi, svalbard
08/11/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 144824 to 145424	rfi, svalbard
08/11/2022	Pointing errors/data gap		x	FRP pointing errors, L1/L2 and data gap due to planned OLCI moon calibration. Pointing errors: products from sensing period from 225446 to 232446 Gap detected from: L1/LST: 20221108 20221109 21:05:21 00:27:20 3h FRP: 20221108 20221108 21:05:21 22:54:31 109'	OLCI moon calibration
10-11/11/2022	pointing errors/ missing scans		x	Missing scans, pointing errors and data gap due to ground segment anomaly: Pointing errors the 11/11/2022 from 013650 to 043755 Missing scans due to L0 NR missing during processing the 11/11/2022 from 013650 to 013950 and the 10/11/2022 from 220259 to 220658	PDGS processing, circulation
09/11/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 031012 to 031312	PDGS processing, circulation
11/11/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 023550 to 024150 and 172643 to 172943	PDGS processing, circulation
15/11/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 09:52:08 to 10:04:08	PDGS processing, circulation
20/11/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 21:27:00 to 21:13:30	rfi, svalbard
21/11/2022	missing scans		x	Missing scans caused by planned maintenance affecting DDP communication: Missing scans from 00:25:04 to 00:40:04	circulation, svalbard
21/11/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 21:45:06 to 21:51:06	rfi, svalbard
22/11/2022	Pointing errors		x	Pointing errors due to planned in-Plane Manoeuvre #066 (S3B_SAT_UNA_2022_0025) Products from sensing period from 07:41:43 to 07:56:43	Pointing geolocation manoeuvre
22/11/2022	Pointing errors		x	Pointing errors due to planned in-Plane Manoeuvre #72(S3B_SAT_UNA_2022_0030) Products from sensing period from 07:17:49 to 08:32:49	Pointing geolocation manoeuvre

25/11/2022	missing scans	x		Missing scans caused by RFI: Products including sensing period from 17:17:11 to 17:26:11	rfi, svalbard
24/11/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:22 to 17:32:22	PDGS processing, circulation
29-30/11/2022	missing scans	x		Missing S3A X-Band data Orbit #35338 caused missing scans: Products impacted from 23:51:24 to 00:06:24	PDGS processing, circulation
DECEMBER					
02/12/2022	missing scans		x	Missing scans caused by RFI: Products including sensing period from 02:11:57 to 02:17:57	rfi, svalbard
02/12/2022	missing scans and data gap		x	Missing scans and data gap caused by degradation performance of the chunk: Products including sensing period from 15:18:51 and 15:24:51 Data gap from 15:22:14 to 15:23:05	PDGS processing, circulation
04/12/2022	missing scans and data gap	x		Missing scans caused by missing granules, reports and HTKM files during the processing: Products including sensing period from 12:10:33 to 12:16:33	PDGS processing, circulation
06/12/2022	missing scans		x	Missing L0 NR during the processing causing missing scans: Products impacted from 03:10:12 to 03:13:12	PDGS processing, circulation
08/12/2022	Pointing errors	x		Pointing errors due to planned Out-of-Plane Manoeuvre #73 (S3A_SAT_UNA_2022_0032) Products from sensing period from 11:04:49 to 11:45:48	Pointing geolocation manoeuvre
08/12/2022	Pointing errors/data gap		x	Pointing errors due to planned OLCI moon calibration Products from sensing period from 15:31:45 to 16:27:44 Data gap on L1/L2 from 15:35:42 to 16:01:55	OLCI moon calibration
20/12/2022	missing scans		x	Missing scans due to degradation performance of the chunk: Product sensing impacted from 04:05:34 to 04:11:34	PDGS processing, circulation
20/12/2022	missing scans		x	Missing scans due to RFI: Product sensing impacted from 15:17:29 to 15:23:29	rfi, svalbard
21/12/2022	pointing errors		x	Pointing errors due to planned in-Plane Manoeuvre #067 (S3B_SAT_UNA_2022_0027) Product sensing impacted from 08:30:21 to 08:42:21	Pointing geolocation manoeuvre
24/12/2022	missin scans	x		Missing scans due to RFI: Product sensing impacted from 11:42:52 to 11:48:52	rfi, svalbard
26/12/2022	missin scans	x		Missing scans due to RFI: Product sensing impacted from 21:13:53 to 21:23:53	rfi, svalbard
28/12/2022	Pointing errors	x		Pointing errors due to planned in-Plane Manoeuvre #074 (S3A_SAT_UNA_2022_0033) Product sensing impacted from 12:42:30 to 13:02:30	Pointing geolocation manoeuvre
21/12/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 17:28:23 to 17:31:23	PDGS processing, circulation
23/12/2022	missing scans	x		Missing L0 NR during the processing causing missing scans: Products impacted from 03:08:07 to 03:11:07	PDGS processing, circulation
29/12/2022	missin scans		x	Missing scans due to RFI issue: Product sensing impacted from 10:24:51 to 10:30:51	rfi, svalbard



YEAR 2021

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
13/01/2021	Pointing errors		x	Pointing errors due to missing navatt in SL_1_RBT NTC products from 07:12:59 to 12:15:56	pointing, navatt, geolocation
19/01/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 00:08:55 to 00:14:55 are affected by the issue	rfi, svalbard
20/01/2021	Missing scans	x		Due to a connectivity issue between CGS and PDGS, products including the following sensing periods are affected by missing scans: 20210120T193802 to 202010120T194702 20210120T195802 to 20210120T200402	pointing, missing scans PDGS circulation
20/01/2021	Degraded products	x		Products acquired from 20210120T163603 to 202010120T181702 have their oblique view degraded or empty for some channels due to an IPF issue	oblique view degraded missing scans IPF
25/01/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 01:36:15 to 01:42:15 are affected by the issue	rfi, svalbard
25/01/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 12:02:41 to 12:10:41 are affected by the issue	rfi, svalbard
26/01/2021	Degraded products	x		Missing scans have been detected in products acquired during a planned instrument maintenance. Products including sensing period from 14:19:58 to 14:25:58 are affected by the issue	missing scans on board maintenance
26/01/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 00:48:35 to 00:54:35 are affected by the issue	rfi, svalbard
27/01/2021	Pointing errors	x		Degraded geolocation due to satellite planned manoeuvre causing pointing errors. Products including sensing period from 06:48:51 to 10:10:49 are affected by the issue	Pointing geolocation manoeuvre
FEBRUARY					
03/02/2021	Pointing errors		x	Degraded geolocation due to satellite planned manoeuvre causing pointing errors. Products including sensing period from 06:31:01 to 11:23:00 are affected by the issue	Pointing geolocation manoeuvre
11/02/2021	Degraded products & data gaps	x		Due to an antenna issue at CGS, products including the following sensing periods are affected by missing scans: from 20210211T140201 to 20210211T140629 from 20210211T154603 to 20210211T154900 Also, the following production gap is observed: from 20210211T140146 to 20210211T154603	CGS issue antenna gap missing scans
16/02/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 15:13:04 to 15:19:04 are affected by the issue	rfi, svalbard



S3 SLSTR Anomalies and Events

17/02/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 10:04:56 to 10:13:56 are affected by the issue	rfi, svalbard
24/02/2021	Missing scans	x		Products degraded due to a data circulation issue at PDGS level. Sensing period from 20210224T130136 to 20210224T130635 is impacted	missing scans pdgs circulation
24/02/2021	Missing scans		x	Products degraded due to a data circulation issue at PDGS level. Products with sensing periods between 20210224T104609 and 20210224T140807 may be affected by the issue	pdgs processing missing scans
26/02/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 12:06:14 to 12:14:13 are affected by the issue	rfi, svalbard
28/02/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 11:39:51 to 11:45:51 are affected by the issue	rfi, svalbard
MARCH					
02/03/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 13:36:02 to 13:42:02 are affected by the issue	rfi, svalbard
10/03/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 13:02:58 to 13:05:58 are affected by the issue	rfi, svalbard
14/03/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 21:51:09 to 21:57:09 are affected by the issue	rfi, svalbard
15/03/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 10:24:40 to 10:30:40 are affected by the issue	rfi, svalbard
17/03/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period 05:35:43 to 10:40:40 are affected by the issue	Pointing geolocation manoeuvre
20/03/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 20:22:04 to 20:28:04 are affected by the issue	rfi, svalbard
21/03/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 16:36:05 to 16:42:05 are affected by the issue	rfi, svalbard
29/03/2021	Missing scans		x	PDHU Packet Store Dump Anomaly for S3B. Products including sensing time from 23:50:57 to 23:56:57 are affected by the issue	PDHU anomaly
APRIL					
03/04/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 00:23:13 to 00:32:13 are affected by the issue	rfi, svalbard
06/04/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 13:03:02 to 13:09:02 are affected by the issue	rfi, svalbard



S3 SLSTR Anomalies and Events

10/04/2021	Degraded products	x		Degraded products (missing scans and/or pointing errors) are observed during the following sensing periods due to connectivity issue at CSG: from 07:59:21 to 11:59:19	connectivity CGS
14/04/2021	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period 09:35:04 to 14:38:02 are affected by the issue	Pointing geolocation manoeuvre
15/04/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:13:26 to 09:19:26 are affected by the issue	rfi, svalbard
19-22/04/2021	Instrument maintenance	x		A planned instrument maintenance including decontamination was performed from 19 to 21/04/2021. Consequently the following period contains gaps or degraded products: 20210419T082442 to 20210421T224714	maintenance decontamination
MAY					
09/05/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 09:13:26 to 09:19:26 are affected by the issue	rfi, svalbard
11/05/2021	Missing scans	x	x	Delay in data transferring from DDP to ACQ causing processing issues Products including sensing period from 20210510T173646 to 20210512T175453 are affected by this issue	connectivity CGS
16/05/2021	Missing scans		x	SLT Missed/delayed NRT processing due to processing overload Products including sensing period from 20210516T175709 to 20210516T205208 are affected by this issue	processing overload CGS
18/05/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 01:09:25 to 01:15:25 are affected by the issue	rfi, svalbard
19/05/2021	Pointing errors		x	Degraded geolocation due to satellite planned manoeuvre causing pointing errors. Products including sensing period from 07:46:41 to 11:08:39 are affected by the issue	Pointing geolocation manoeuvre
19/05/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 15:34:07 to 15:40:07 are affected by the issue	rfi, svalbard
23/05/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 23:46:19 to 23:52:19 are affected by the issue	rfi, svalbard
29/05/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 00:53:55 to 01:02:55 are affected by the issue	rfi, svalbard
JUNE					
01/06/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period 09:21:45 to 09:35:44 are affected by the issue	Pointing geolocation manoeuvre
02/06/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 11:05:33 to 11:11:33 are affected by the issue	rfi, svalbard
15/06/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 00:53:55 to 01:02:55 are affected by the issue	rfi, svalbard
17/06/2021	Missing scans		x	Missing scans , re-occurrence of PDHU on board anomaly Products including sensing period from 00:53:55 to 01:02:55 are affected by the issue	rfi, svalbard



S3 SLSTR Anomalies and Events

26/06/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 21:49:04 to 21:58:04 are affected by the issue	rfi, svalbard
29/06/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 00:03:40 to 00:12:40 are affected by the issue	rfi, svalbard
30/06/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 08:52:25 to 09:01:25 are affected by the issue	rfi, svalbard
JULY					
02/07/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 10:17:02 to 10:23:02 are affected by the issue	rfi, svalbard
06/07/2021	Missing scans	x	x	PDGS issue circulation causing missing scans S3A: Products including sensing period from 18:41:14 to 19:37:13 are affected by the issue S3B: Products including sensing period from 18:31:50 to 18:37:50 are affected by the issue	PDGS circulation missing scans
09/07/2021	Missing scans	x		Due to PDGS connectivity issues, missing scans are observed: from 20210709T114043 to 20210709T114343 from 20210709T132442 to 20210709T132742	pdgs circulation connectivity
09/07/2021	Missing scans		x	Products with missing scans are observed due to PDGS processing performance issue: from 20210709T205016 to 20210709T205423 from 20210709T223314 to 20210709T223614	PDGS circulation missing scans
12/07/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:38:11 to 09:44:11 are affected by the issue Products including sensing period from 15:46:08 to 15:52:08 are affected by the issue	rfi, svalbard
13/07/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 00:38:04 to 00:44:44 are affected by the issue	rfi, svalbard



S3 SLSTR Anomalies and Events

14-15/07/2021	Missing scans & data gaps	x	x	<p>Due to PDGS connectivity issues, the following issues are observed:</p> <p>//Data gaps// S3A: from 20210714T221524 to 20210714T230131 (~46min) from 20210715T070946 to 20210715T073229 (~22min) from 20210715T221631 to 20210715T222231 (~6min) S3B: gaps recovered</p> <p>//Missing scans// S3A: from 20210714T212843 to 20210714T213443 from 20210714T214343 to 20210714T221343 S3B: from 20210715T030916 to 20210715T031816</p>	pdgs circulation connectivity
17/07/2021	Missing scans & data gaps	x		<p>Products affected by missing scans can be observed in the following time periods: from 11:16:15 to 11:20:22</p>	missing scans pdgs circulation
19/07/2021	Missing scans	x		<p>RFI causing missing scans in products Products including sensing period from 12:18:51 to 12:27:51 can be affected by the issue</p>	rfi, svalbard
21/07/2021	Pointing errors		x	<p>Pointing errors due to planned manoeuvre. Products from sensing period 07:02:08 to 07:16:08 are affected by the issue</p>	Pointing geolocation manoeuvre
22/07/2021	Missing scans	x		<p>RFI causing missing scans in products Products including sensing period from 01:18:23 to 01:24:23 are affected by the issue</p>	rfi, svalbard
AUGUST					
10/08/2021	Pointing errors	x		<p>Pointing errors due to planned manoeuvre. Products from sensing period from 09:06:45 to 09:20:44 are affected by the issue</p>	Pointing geolocation manoeuvre
17/08/2021	Missing scans	x		<p>RFI causing missing scans in products Products including sensing period from 10:27:26 to 10:33:26 are affected by the issue</p>	rfi, svalbard
18/08/2021	Data gaps		x	<p>Data gaps on level 2 data: (investigation ongoing) S3B SL_2_LST from 20210818T040518 to 20210818T040718 (~120") from 20210818T090516 to 20210818T090715 (~119") SL_2_FRP 20210818T090516 20210818T090715 (~119")</p>	PDGS issue - Processing
19/08/2021	Missing scans		x	<p>RFI causing missing scans in products Products including sensing period from 21:35:41 to 21:44:41 are affected by the issue</p>	rfi, svalbard
22/08/2021	Missing scans	x		<p>RFI causing missing scans in products Products including sensing period from 16:17:28 to 16:23:28 are affected by the issue</p>	rfi, svalbard



S3 SLSTR Anomalies and Events

30/08/2021	Missing scans	x		Products affected by missing scans can be observed in the following time periods: from 15:25:59 to 15:31:59	PDGS issue - Circulation
SEPTEMBER					
08/09/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 06:18:22 to 06:59:21 are affected by the issue	Pointing geolocation manoeuvre
08/09/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 19:46:16 to 19:52:16 are affected by the issue	rfi, svalbard
14/09/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 08:32:16 to 08:36:16 are affected by the issue	rfi, svalbard
16/09/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 01:48:56 to 01:57:56 are affected by the issue	rfi, svalbard
18/09/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:15:31 to 09:21:31 are affected by the issue	rfi, svalbard
19/09/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:07:20 to 09:16:20 are affected by the issue	rfi, svalbard
22/09/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 09:41:27 to 09:50:27 are affected by the issue	rfi, svalbard
23/09/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 05:23:17 to 05:29:17 are affected by the issue	rfi, svalbard
29/09/2021	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period from 08:31:08 to 08:48:07 are affected by the issue	Pointing geolocation manoeuvre
27-29/09/2021	Instrument calibration	x		Data degraded due to blackbody crossover test. IR channels are missing or degraded from 20210927T070953 to ~20210929T0430	instrument-special-operation / Blackbody Crossover Test
30/09/2021 to 02/10/2021	Instrument calibration		x	Data degraded due to blackbody crossover test. IR channels are missing or degraded from 20210929T065257 to ~20211002T0415	instrument-special-operation / Blackbody Crossover Test
OCTOBER					
09/10/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 17:01:11 to 17:07:11 are affected by the issue	rfi, svalbard
21/10/2021	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period from 12:37:09 to 13:18:08 are affected by the issue	Pointing geolocation manoeuvre
22/10/2021	Missing elements		x	Missing elements in products due to issue at acquisition level SL_1 products including sensing period from 07:49:49 to 07:55:49 are affected by the issue	missing elements NaN values
NOVEMBER					
01/11/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 00:00:27 to 00:09:27 are affected by the issue	rfi, svalbard
03/11/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 12:32:36 to 12:38:36 are affected by the issue	rfi, svalbard
04/11/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 07:01:50 to 07:15:50 are affected by the issue	Pointing geolocation manoeuvre



S3 SLSTR Anomalies and Events

09/11/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 08:35:54 to 08:41:54 are affected by the issue	rfi, svalbard
18/11/2021	Missing scans		x	Unknown causing missing scans in products Products including sensing period from 19:27:47 to 19:33:47 are affected by the issue	unknown
22/11/2021	Missing scans	x		Unknown causing missing scans in products Products including sensing period from 14:51:27 to 14:57:27 are affected by the issue	rfi, svalbard
30/11/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 02:33:03 to 02:51:03 are affected by the issue	Pointing geolocation manoeuvre
DECEMBER					
01/12/2021	Pointing errors		x	Pointing errors due to planned manoeuvre. Products from sensing period from 08:11:26 to 08:26:26 are affected by the issue	Pointing geolocation manoeuvre
03/12/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 02:47:29 to 03:01:28 are affected by the issue	Pointing geolocation manoeuvre
05/12/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 15:21:39 to 15:27:39 are affected by the issue	rfi, svalbard
07/12/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 02:51:14 to 03:09:45 are affected by the issue	Pointing geolocation manoeuvre
15/12/2021	Pointing errors	x		Pointing errors due to planned manoeuvre. Products from sensing period from 07:27:13 to 08:05:13 are affected by the issue	Pointing geolocation manoeuvre
22/12/2021	Missing scans		x	RFI causing missing scans in products Products including sensing period from 13:17:33 to 13:20:33 are affected by the issue	rfi, svalbard
24/12/2021	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:48:33 to 09:54:33 are affected by the issue	rfi, svalbard
29/12/2021	Missing scans		x	RFI causing missing scans in products SL1 products including sensing period from 22:10:10 to 22:19:10 are affected by the issue SL2 products including sensing period from 22:13:10 to 22:19:10 are affected by the issue	rfi, svalbard



YEAR 2020

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
05/01/2020	Missing scans		x	RFI causing missing scans in products Products including sensing period from 16:57:58 to 17:03:58 are affected by the issue	rfi, svalbard
09/01/2020	Missing scans		x	Missing scans in products due to possible RFI Products including sensing period from 09:31:17 to 09:37:17 are affected by the issue	sequence error, svalbard
21/01/2020	Missing scans		x	Missing scans in products due to RFI with S1B Products including sensing period from 09:29:02 to 09:35:02 are affected by the issue	rfi, svalbard
28/01/2020	Pointing errors		x	Pointing errors due to missing navatt in SL_1_RBT NTC products from 10:59:19 to 12:39:42	pointing, navatt, geolocation
29/01/2020	SL_2_FRP gap		x	A production gap has been generated due to a processing issue: 29/01/2020 from 02:01:36 to 02:04:36	FRP gap
30/01/2020	Degraded products		x	Degraded products due to a PDGS processing issue. Products including the following sensing periods are affected by missing scans: -from 10:03:21 to 10:07:14 -from 10:27:15 to 10:30:21 Products including the following sensing periods are affected by geolocation issue: -from 05:03:03 to 05:03:23 -from 08:25:21 to 13:28:19	processing, missing inputs, PDGS, discarded navatt, geolocation
30/01/2020	SL_2_FRP gap		x	A production gap has been generated due to a processing issue: 30/01/2020 from 10:24:21 to 10:27:15	FRP gap
FEBRUARY					
03/02/2020 to 12/02/2020	Instrument anomaly	x		SLSTR-A anomaly from 03/02/2020 to 12/02/2020. The cause has not been identified so far. An instrument decontamination was commanded. Degraded products: SLSTR channels are either missing or degraded from 03/02/2020 03:06 to 12/02/2020 ~00:03 Data gap generated: 03/02/2020 15:42 to 07/02/2020 15:38	degraded, gap, missig data, decontamination
05/02/2020	Pointing errors		x	Following products are degraded by pointing errors due to satellite planned manœuvre: SL_1_RBT: from 07:29:14 to 10:54:13 SL_2_LST: from 07:30:29 to 12:33:27 SL_2_FRP: from 08:26:14 to 10:36:13	pointing, manœuvre, geolocation
23/02/2020	Missing scans		x	RFI causing missing scans in products Products including sensing period from 04:46:58 to 04:55:58 are affected by the issue	rfi, svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
24/02/2020	Incorrect Processing Baseline	x		35 S3A_SL_2_FRP products mixing two different PBs. S3A FRP products with sensing time from 20200224T031021 to 20200224T045420 have been processed with the ADFs from the new PB but IPF version from the former PB	Processing Baseline, IPF version
27-28/02/2020	Degraded products & data gaps	x	x	<p>Signal issue at Svalbard causing loss of data. Degraded products (missing scans & pointing errors) and production gaps have been generated.</p> <p>// S3A //</p> <p>-Data gaps: SL_1_RBT: 20200227T223731 to 20200228T002124 (103'); 20200228T011637 to 20200228T011937 (180"); 20200228T051816 to 20200228T053420 (16'); 20200228T053428 to 20200228T062654 (52") SL_2_LST: 20200227T223731 to 20200228T012952 (172'); 20200228T051816 to 20200228T062654 (68") SL_2_FRP: 20200227T223639 to 20200228T002124 (104"); 20200228T0116376 to 20200228T011937 (180") ; 20200228T051735 to 20200228T062654 (69')</p> <p>-Degraded products: SL_1_RBT: from 20200227T221839 to 20200227T223731 ; from 20200228T002124 to 20200228T002638 ; from 20200228T050835 to 20200228T051816 ; from 0200228T053420 to 20200228T053428 ; from 20200228T062654 to 20200228T062835</p>	data loss , svalbard, missing, pointing, gaps
				<p>// S3B //</p> <p>-Data gaps: SL_1_RBT: 20200227T230206 to 20200227T230506 (180"); 20200227T231019 to 20200228T004458 (94') SL_2_LST: 20200227T212822 to 20200227T230921 (100"); 20200227T231019 to 20200228T004458 (94") SL_2_FRP: 20200227T230206 to 20200227T230506 (180"); 20200227T230806 to 20200228T004458 (96')</p> <p>-Degraded products: SL_1_RBT: from 20200227T212107 to 20200227T231019 ; 20200228T004458 to 20200228T023004 SL_2_LST: from 20200227T230921 to 20200228T005020 SL_2_FRP: from 20200227T220007 to 20200227T222407 ; from 20200227T230506 to 20200227T230806 ; from 20200228T004458 to 20200228T004605</p>	
28/02/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 04:46:58 to 04:55:58 are affected by the issue	rfi, svalbard
29/02/2020	Missing scans	x		Sequencing errors causing missing scans in products. The initial cause of the issue is not known so far. Products including sensing period from 04:12:36 to 04:18:36 are affected by the issue	svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
MARCH					
09/03/2020	Data gaps		x	Due to an issue at processing level, the following gaps has been generated: S3B: SL_2_FRP: from 20200309T175607 to 20200309T175907 (180")	data gap, IPF SPR
10-11/03/2020	Data gaps	x	x	Due to an issue at processing level, the following gaps have been generated: S3A: SL_2_FRP: from 20200310T062231 to 20200310T062531 (180") S3B: SL_1_RBT: from 20200311T220643 to 20200311T221000 (3') SL_2_FRP: 20200311T220643 to 20200311T221000 (3')	data gap, IPF SPR
11/03/2020	Pointing errors	x		Following products are degraded by pointing errors due to satellite planned manoeuvre: SL_1_RBT: from 07:37:20 to 11:02:18 SL_2_LST: from 08:02:35 to 13:05:32 SL_2_FRP: from 07:37:20 to 11:05:18 Also reduced data quality for SLSTR can be expected from 08:50 to approximately 11:32	pointing, manoeuvre, geolocation
16/03/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:36:25 to 09:45:25 are affected by the issue	rfi, svalbard
22/03/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 09:57:19 to 10:03:19 are affected by the issue	rfi, svalbard
23/03/2020	Missing scans	x		Products including sensing period from 10:25:08 to 10:40:08 are affected by missing scans due to snow on radome	svalbard, radome
24/03/2020	Missing scans & gap		x	RFI causing missing scans in products Products including sensing period from 01:29:29 to 01:38:29 are either missing (gap) or including missing scans	rfi, svalbard
27/03/2020	Missing scans	x		Products including sensing period from 17:28:31 to 17:31:31 are affected by missing scans due to IPF issue	
30/03/2020	Instrument maintenance / degraded products		x	Clod finger target temperature increase planned activity SLSTR-B Infrared channels may be degraded from 10:50 to 11:35 (45min duration) as per S3B_SAT_UNA_2020_0004_02.pdf	instrument maintenance
APRIL					
05/04/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 10:03:45 to 10:09:45 are affected by the issue	rfi, svalbard
05/04/2020	Degraded products	x		Products including sensing time from 10:34:46 to 12:15:45 have their oblique view degraded due to an IPF issue	oblique missing data
06/04/2020	Missing scans		x	Products including the following sensing periods are affected by missing scans due to an issue at Svalbard station: 11:07:00 to 12:19:00 12:32:59 to 12:44:59	sequencing errors, SVL



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
08/04/2020	Pointing errors		x	Following products are degraded by pointing errors due to satellite planned manoeuvre: SL_1_RBT: from 10:17:38 to 13:39:36 SL_2_LST: from 10:18:53 to 15:21:51 SL_2_FRP: from 11:11:38 to 17:55:17	pointing, manoeuvre, geolocation
08/04/2020	Missing scans		x	Products including the following sensing periods are affected by missing scans: 13:36:36 to 13:39:36	sequencing errors
13-14/04/2020	Data gap & Degraded products		x	The following issues are observed: -data gaps: from 20200413T231030 to 20200414T005235 (102') from 20200414T031256 to 20200414T041738 (64') -missing scans and/or pointing errors for available products including sensing period from 20200414T230038 to 20200414T055935	gap, missing scans, pointing errors
14/04/2020	Data gap & Degraded products	x		The following issues are observed: -data gap from 20200414T045744 to 20200414T063943 (101') -missing scans for available products including sensing period from 20200414T045510 to 20200414T064209 -pointing errors for available products including sensing period from 20200414T031411 to 20200414T0823098	gap, missing scans, pointing errors
21/04/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 13:32:49 to 13:38:49 are affected by the issue	rfi, svalbard
22/04/2020	Missing scans		x	Products including the following sensing periods are affected by missing scans: 14:17:03 to 15:14:03	sequencing errors
30/04/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 20:22:07 to 20:28:07 are affected by the issue	rfi, svalbard
May					
13/05/2020 to 22/05/2020	Instrument anomaly	x		Due to an instrument anomaly, products sensed from 20200513T111528 to 20200522T000412 are degraded, including gap from 20200513 11:18:54 to 20200518 16:59:55	instrument anomaly decontamination
23/05/2020	Missing scans	x		RFI causing missing scans in products Products including sensing period from 20:22:07 to 20:28:07 are affected by the issue	rfi, svalbard
27/05/2020	Pointing errors		x	Pointing errors due to satellite manoeuvre. Products including sensing period from 05:20:42 to 10:23:39 are affected by the issue	manoeuvre pointing
June					



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
01/06/2020	Missing scans		x	Missing scans in products due to IPF issue - fix ongoing Products including the following sensing periods are affected by the issue: -from 03:09:48 to 03:12:48	processing pdgs missing scans
03/06/2020	Missing scans		x	Missing scans in products due to IPF issue - fix ongoing Products including sensing period from 17:26:20 to 17:29:20 are affected by the issue	processing pdgs missing scans
03/06/2020	Missing scans		x	Missing scans in products due to an RFI Products including sensing period from 16:03:20 to 16:09:20 are affected by the issue	rfi, svalbard
11/06/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 02:29:28 to 02:55:27 are affected by the issue	rfi, svalbard
15/06/2020	Degraded products	x		Acquisition issue Products including the following sensing periods can be affected by missing scans: 20200615T145037 to 20200615T145424 20200615T163136 to 20200615T163436	acquisition svalbard missing data
16/06/2020	Missing scans	x		Missing scans in products due to IPF issue - fix ongoing Products including sensing period from 17:28:24 to 17:31:24 are affected by the issue	processing pdgs missing scans
17/06/2020	Pointing errors	x		Products sensed from 20200617T083717 to 20200617T134015 are affected by pointing errors due to satellite manoeuvre	pointing, manoeuvre, geolocation
18/06/2020	Missing scans	x		Missing scans in products due to IPF issue - fix ongoing Products including sensing period from 03:08:09 to 03:11:09 are affected by the issue	processing pdgs missing scans
30/06/2020	Missing scans		x	Missing scans in products due to IPF issue - fix ongoing Products including sensing period from 17:26:22 to 17:29:22 are affected by the issue	processing pdgs missing scans
July					
04/07/2020	Data gap	x		A production gap has been generated due to a OLCI lunar calibration impacting the other instruments: L1/L2 NTC: gap from 14:40:06 to 16:21:06	data gap , olci calibration impact
13/07/2020	Missing scans	x		Missing scans in products due to IPF issue - fix ongoing Products including sensing period from 17:28:25 to 17:31:25 are affected by the issue	processing pdgs missing scans
15/07/2020	Missing scans	x		Missing scans in products due to IPF issue - fix ongoing Products including sensing period from 03:08:10 to 03:11:10 are affected by the issue.	processing pdgs missing scans
19/07/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 18:21:52 to 18:27:52 are affected by the issue	rfi, svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
23/07/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 01:16:15 to 01:22:15 are affected by the issue	rfi, svalbard
23/07/2020	Missing scans		x	Missing scans in products due to processing issue. Products with the following sensing periods may be affected on certain bands: SL_1_RBT from 09:59:11 to 10:02:11	processing pdgs missing scans
24/07/2020	Missing scans		x	Missing scans in products due to processing issue. Products with the following sensing periods may be affected on certain bands: SL_1_RBT from 05:50:02 to 05:56:02	processing pdgs missing scans
25/07/2020	Missing scans	x	x	Missing scans in products due to processing issue. Products with the following sensing periods are affected on certain bands: S3A: From 02:38:19 to 02:44:19 & From 03:05:19 to 03:08:19 & From 14:46:13 to 14:49:13 S3B: From 02:25:52 to 02:34:52	processing pdgs missing scans
28/07/2020	Missing scans		x	Missing scans in products due to processing issue. Products with the following sensing periods may be affected on certain bands: SL_1_RBT from 12:36:14 to 12:48:14	processing pdgs missing scans
29/07/2020	Missing scans		x	Missing scans in products due to processing issue. Products with the following sensing periods may be affected on certain bands: SL_1_RBT from 12:13:03 to 12:16:03 & 12:37:03 to 12:40:03	processing pdgs missing scans
29/07/2020	Pointing errors		x	Products from 06:28:05 to 11:31:03 degraded by pointing errors due to satellite planned manoeuvre	pointing, manoeuvre, geolocation
August					
01/08/2020	Missing scans		x	Missing scans in products due to processing issue. Products with the following sensing periods may be affected on certain bands: SL_1_RBT from 05:45:33 to 05:48:33	processing pdgs missing scans
02/08/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 17:39:42 to 17:45:42 are affected by the issue	rfi, svalbard
05/08/2020	Missing scans		x	Missing scans in products due to processing issue. Products with the following sensing periods may be affected on certain bands: SL_1_RBT from 05:56:48 to 06:02:48	processing pdgs missing scans
05/08/2020	Missing scans		x	SLSTR-B FEE Offset Voltages update degrading PDUs covering from 08:48:47 to 08:54:47	onboard maintenance, missing scans
05/08/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 00:10:17 to 00:19:17 are affected by the issue	rfi, svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
08-09-10/08/2020	Data gap & Pointing errors	x	x	<p>PDGS issue originating the following issues:</p> <p>// GAPS //</p> <p>S3A: 20200809T055836 to 20200809T060551 (L0/L1/L2) 20200810T002506 to 20200810T002720 (L1) 20200810T071404 to 20200810T072105 (L0/L1/L2)</p> <p>S3B: 20200808T123051 to 20200808T123312 (L1) 20200809T014006 to 20200809T015340 (L1/L2) 20200809T064104 to 20200809T064303 (L1/L2) 20200809T070100 to 20200809T070746 (L0/L1/L2)</p> <p>//DEGRADED PRODUCTS //</p> <p>S3A (=missing scans): 20200808T230632 to 20200808T230959 20200809T055329 to 20200809T060829 20200809T224021 to 20200809T224621 20200810T002120 to 20200810T002506 20200810T071117 to 20200810T072317</p> <p>S3B (=missing scans or discarded navatt): 20200808T122712 to 20200808T123051 20200809T070746 to 20200809T100502 20200809T234528 to 20200809T234756</p>	processing pdgs missing scans pointing data gaps
10/08/2020	Missing scans		x	Missing scans in products due to RFI affecting 2 PDUs, from 06:55:53 to 07:01:53	rfi, svalbard
13/08/2020	Missing scans	x		Missing scans in products due to processing issue. Products with the following sensing periods are affected on certain bands: From 09:32:43 to 09:38:43	processing pdgs missing scans
15/08/2020	Missing scans		x	Missing scans in products due to an unknown source (Core Ground Segment issue) Products including sensing periods from 11:19:55 to 11:55:55 are affected	
17/08/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 09:58:58 to 10:04:58 are affected by the issue	rfi, svalbard
21/08/2020	Missing scans	x	x	Missing scans in products due to processing issue. Products with the following sensing periods are affected on certain bands: S3A from 16:36:10 to 16:42:10 S3B from 11:58:48 to 12:07:48	processing pdgs missing scans
26/08/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 19:24:49 to 19:29:48 are affected by the issue	rfi, svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
29/08/2020	Missing scans	x	x	Missing scans in products due to processing issue. Products including the following sensing periods are affected on certain bands S3A: from 04:05:45 to 04:08:45 ; 04:11:45 to 04:20:45 ; 04:35:45 to 04:41:45 ; 06:01:44 to 06:07:44 S3B: from 03:53:22 to 03:56:22	processing pdgs missing scans
31/08/2020	Missing scans	x		Missing scans in products due to an issue at CGS Products including sensing period from 17:11:17 to 17:20:17 are affected by the issue	missing scans
September					
02/09/2020	Pointing errors	x		Products from 08:17:58 to 10:27:57 degraded by pointing errors due to satellite planned manoeuvre	pointing, manoeuvre, geolocation
02/09/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 13:02:56 to 13:08:56 are affected by the issue	rfi, svalbard
03-04-06/09/2020	Missing scans	x	x	Missing scans in products due to processing issue. Products including the following sensing periods can be affected on certain bands: S3A: from 20200904T101435 to 20200904T122035 S3B: from 20200903T234717 to 20200903T235317 from 20200904T030316 to 20200904T030616 from 20200906T133048 to 20200906T135748	processing pdgs missing scans
10/09/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 07:55:31 to 08:01:31 are affected by the issue	rfi, svalbard
13/09/2020	Missing scans	x	x	Missing scans in products due to processing issue. Products including the following sensing periods are affected on certain bands S3A: from 13:30:48 to 13:33:48 ; 13:51:48 to 13:57:48 S3B: from 02:38:35 to 02:44:35	processing pdgs missing scans
15/09/2020	Data gaps & Degraded products	x	x	Products are degraded and data gaps are present due to a connectivity issue between CGS and PDGS. Products including the following sensing periods are degraded: S3A: 20200915T181831 to 20200915T182350 S3B: 20200915T174205 to 20200915T174450 20200915T192005 to 20200915T192605 In addition, several data gaps are present for both satellites: // S3B // SL_1_RBT, SL_2_LST: from 20200915T090509 to 20200915T090809 (~180sec)	CGS PDGS connectivity circulation



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
16/09/2020	Data gaps & Degraded products	x	x	<p>Products are degraded and data gaps are present due to a connectivity issue between CGS and PDGS.</p> <p>Products including the following sensing periods are degraded: S3A: 20200916T043115 to 20200916T073725 20200916T075225 to 20200916T075553 20200916T080223 to 20200916T080425 20200916T111423 to 20200916T111820 20200916T143841 to 20200916T174620 S3B: 20200916T051201 to 20200916T051700 20200916T071259 to 20200916T071559 20200916T072247 to 20200916T072459 20200916T103457 to 20200916T103852 20200916T135943 to 20200916T170354</p> <p>In addition, several data gaps are present for both satellites: // S3A NT // SL_0_SLT, SL_1_RBT, SL_2_LST, SL_2_FRP: from 20200916T075553 to 20200916T080223 (~6min) SL_2_LST, SL_2_FRP: from 20200916T143621 to 20200916T143841 (~140sec) // S3B NT // SL_0_SLT, SL_1_RBT, SL_2_LST, SL_2_FRP: from 20200916T071607 to 20200916T072247 (~6min)</p>	CGS PDGS connectivity circulation
16/09/2020	Missing scans	x		<p>Missing scans in products due to RFI Products including sensing period from 20:49:57 to 20:58:57 are affected by the issue</p>	rfi, svalbard
21/09/2020	Missing scans		x	<p>Missing scans in products due to RF Products including sensing period from 14:48:21 to 14:54:21 are affected by the issue</p>	rfi, svalbard
22/09/2020	Missing scans	x		<p>Missing scans in products due to RFI Products including sensing period from 10:42:18 to 10:48:18 are affected by the issue</p>	rfi, svalbard
25/09/2020	Degraded products	x		<p>Products degraded due to an issue at PDGS level. Following sensing period is impacted: 20200925T105544 to 20200925T111044</p>	missing scans pointing pdgs
28/09/2020	Degraded products	x		<p>Products degraded due to an issue at PDGS level. Following sensing period is impacted: 20200928T062113 to 20200928T065113 20200928T072613 to 20200928T104811</p>	missing scans pointing pdgs
28-30/09/2020	Instrument calibration		x	<p>Data degraded due to blackbody crossover test. IR channels degraded from 20200928T1214 to 20200930T0810 (from unavailability report S3B_SAT_UNA_2020_0013_03)</p>	instrument-special-operation / Blackbody Crossover Test



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
October					
01-03/10/2020	Instrument calibration	x		Data degraded due to blackbody crossover test. IR channels degraded from 20201001T0814 to 20201003T0500 (from unavailability report S3A_SAT_UNA_2020_0014_03)	instrument-special-operation / Blackbody Crossover Test
05/10/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 01:03:28 to 01:12:28 are affected by the issue	rfi, svalbard
06/10/2020	Degraded products	x		Products degraded due to a data circulation issue at PDGS level. Following sensing period is impacted: 20201006T114343 to 20201006T115243 20201006T134242 to 20201006T134842 20201006T192039 to 20201006T192639	missing scans pdgs circulation
07/10/2020	Degraded products	x	x	Products degraded due to a data circulation issue at PDGS level. Following sensing period is impacted: S3A 20201007T062934 to 20201007T063834 20201007T125531 to 20201007T130431 20201007T155629 to 20201007T160529 S3B 20201007T045603 to 20201007T050503 20201007T215156 to 20201007T220056	missing scans pdgs circulation
07/10/2020	Pointing errors		x	Products from 07:54:02 to 12:56:59 are degraded by pointing errors due to satellite planned manoeuvre	pointing, manoeuvre, geolocation
10/10/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 16:30:56 to 16:36:56 are affected by the issue	rfi, svalbard
14/10/2020	Degraded products	x		Infrared channels degraded due to a SLSTR maintenance. Products including sensing period from 09:19:15 to 10:22:15 are affected by the issue	maintenance cold finger temperature
18/10/2020	Degraded products		x	Due to an issue at PDGS level, products including the following sensing periods can be affected by missing scans or pointing errors: 20201018T045904 to 20201018T050204 20201018T065203 to 20201018T080902	pointing, missing scans, PDGS circulation
20/10/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 09:33:40 to 09:39:40 are affected by the issue	rfi, svalbard
21/10/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 12:50:28 to 12:56:28 are affected by the issue	rfi, svalbard
22/10/2020	Missing scans	x	x	Products degraded due to a data circulation issue at PDGS level. Following sensing period is impacted: S3A 20201022T071847 to 20201022T072158 20201022T072837 to 20201022T073047 S3B 20201022T105218 to 20201022T110418	missing scans pdgs circulation



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
26/10/2020	Degraded products	x		Due to an issue at PDGS level, products including the following sensing periods can be affected by missing scans or pointing errors: 20201026T122143 to 20201026T134659 20201026T101701 to 20201026T102301 20201026T103701 to 20201026T104301	pointing, missing scans, PDGS circulation
November					
08/11/2020	Degraded products & data gaps	x	x	Due to an antenna issue at CGS, products with the following sensing periods can be affected by pointing errors and/or missing scans: S3A: from 20201108T012839 to 20201108T094436 S3B: from 20201108T023015 to 20201108T072414 Also, the following production gaps are observed: S3A: from 20201108T014017 to 20201108T032251 S3B: from 20201108T024250 to 20201108T042523	CGS issue antenna gap missing scans
10/11/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 23:02:07 to 23:11:07 are affected by the issue	rfi, svalbard
11-13/11/2020	Instrument maintenance		x	An instrument maintenance (decontamination) was performed from 11/11/2020 to 13/11/2020. Impact is the following: -Data gap from 20201111T113139 to 20201112T122326 -Degraded products (ie some channels unavailable or degraded) from 20201111T112638 to 20201113T222411	Decontamination, missing scans, data gap
17/11/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 07:59:55 to 08:05:55 are affected by the issue	rfi, svalbard
23/11/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 20:28:41 to 20:34:41 are affected by the issue	rfi, svalbard
27/11/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 14:36:39 to 14:42:39 are affected by the issue	rfi, svalbard
December					
02/12/2020	Pointing errors	x		Degraded geolocation due to satellite manoeuvre causing pointing errors. Products including sensing period from 06:00:06 to 11:03:03 are affected by the issue	Pointing geolocation manoeuvre
05/12/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 09:59:30 to 10:11:30 are affected by the issue	rfi, svalbard
06/12/2020	Missing scans	x		Missing scans in products due to RFI Products including sensing period from 14:48:17 to 14:54:17 are affected by the issue	rfi, svalbard
11/12/2020	Missing scans		x	Missing scans in products due to RFI Products including sensing period from 21:51:59 to 21:57:59 are affected by the issue	rfi, svalbard
16/12/2020	Pointing errors	x		Degraded geolocation due to satellite planned manoeuvre causing pointing errors. Products including sensing period from 09:59:27 to 15:02:25 are affected by the issue	Pointing geolocation manoeuvre
16/12/2020	Pointing errors		x	Degraded geolocation due to satellite planned manoeuvre causing pointing errors. Products including sensing period from 07:39:09 to 11:01:07 are affected by the issue	Pointing geolocation manoeuvre



YEAR 2019					
Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
01/01/2019	Missing data	x		Products with missing data 16:30:46 to 16:35:37	svalbard
04/01/2019	Missing data	x		Products with missing data 05:12:18 to 05:38:38	svalbard
04/01/2019	Missing data		x	Products with missing data 05:52:48 to 06:28:48	svalbard
05/01/2019	Data gap & Pointing errors		x	Production gaps and degraded products surrounding: 20190105: 21:53:04 to 23:43:35 (110') pointing errors: NRT: 28 SL_1 and 28 SL_2 (20190105 23:43:35 to 20190106 06:08:25) NTC: 64 SL_1 and 4 SL_2 (20190105 23:43:35 to 20190106 06:32:25)	svalbard
06/01/2019	Data gap & Pointing errors		x	Production gaps and degraded products surrounding: 20190106: 02:57:51 to 04:47:54 (110') pointing errors: NRT: 28 SL_1 and 28 SL_2 (20190105 23:43:35 to 20190106 06:08:25) NTC: 64 SL_1 and 4 SL_2 (20190105 23:43:35 to 20190106 06:32:25)	svalbard
20/01/2019	Missing data		x	Products with missing data 07:30:50 to 07:36:50	rfi, svalbard
21/01/2019	Missing data	x		Products with missing data 09:07:09 to 09:07:09	rfi, svalbard
29/01/2019	Missing data	x		Products with missing data 07:30:42 to 07:36:42	rfi, svalbard
FEBRUARY					
06/02/2019	Missing data		x	Products with missing data 10:05:40 to 10:11:40	rfi, svalbard
13/02/2019	Pointing errors		x	Products affected from 08:25:22 to 11:47:21	manoeuvre, pointing
17/02/2019	Missing data		x	Products with missing data between 21:14:34 to 21:23:34	rfi, svalbard
27/02/2019	Pointing errors	x		Products affected from 09:01:19 to T11:05:17	manoeuvre, pointing
MARCH					
05/03/2019	Missing data	x		Products affected from 18:05:07 to 18:11:07	rfi, svalbard
07/03/2019	Missing data		x	Products affected from 09:10:22 to 09:16:22	rfi, svalbard
09/03/2019	Missing data		x	Gap between 06:15:23 and 08:03:59, products at margins degraded pointing errors due to missing navatt from 08:06:00 to 09:26:00	svalbard, pointing
10/03/2019	Missing data	x		Affected between 08:13:15 and 08:25:15 with a small gap between 08:17:14 and 08:21:35	rfi, svalbard
13/03/2019	Pointing errors	x		Due to a planned out-of-plane manoeuvre products affected: NRT from 07:51:41 to 10:01:40; NTC from 06:58:56 to 10:22:40	manoeuvre, pointing
26/03/2019	Missing data	x		Due to commanding of S3A_RIO_OPER_0061 - SLSTR FEE S8 + S9 T_START (S3A_RIO_OPER_0061) products with missing data between - 10:54:19 to 11:02:18 and - 15:57:16 to 16:05:16	instrument, commanding, rio
27/03/2019	Missing data	x		Due to commanding of SLSTR FEE S7 configuration (S3A_RIO_OPER_0061) products with missing data between - 08:47:09 to 08:52:08 and - 13:50:06 to 13:58:06	instrument, commanding, rio



S3 SLSTR Anomalies and Events

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
APRIL					
02/04/2019	Missing data		x	L1-2 NR and NT products including sensing period from 19:24:31 to 19:30:31 are affected by few missing frames either on S3 or on S4 band	missing scans data S3 S4
05/04/2019	Data gap	x		Partial data loss due to backend problems in beginning of pass reported at Svalbard. Products including sensing period from 12:01:29 to 12:37:56 are either missing or affected by missing data	Gap missing data scans svalbard
08/04/2019	Missing data		x	Missing data due to RFI with SKYMED4 Products including sensing period from 15:21:26 to 15:27:26 are affected by missing data	rfi, svalbard
10/04/2019	Data gap & Pointing errors	x		Products gap from 20190410T09:48:34 to 20190410T09:54:30 Pointing errors flag raised on products sensed from 20190410T09:54:30 to 20190410T14:57:48. L1 products have DISCARDED_NAVATT raised in their manifests	Gap missing data, pointing, navatt,SLT PAC
10/04/2019	Data gap & Pointing errors		x	Products gap from 20190410T09:08:58 to 20190410T09:15:12 Missing data for products including sensing period from 20190410T080507 to 20190410T090858 Pointing errors flag raised on products sensed from 20190410T123305 to 20190410T155919. L1 products have DISCARDED_NAVATT raised in their manifest	Gap missing data, scans, pointing, SLT PAC
11/04/2019 to 17/04/2019	SLSTR-B Decontamination		x	Instrument decontamination. Products missing or degraded from 11/04/2019 12:00:54 to 17/04/2019 03:27:00	Decontamination
17/04/2019	Missing data	x		RFI from SUPERVIEW-1 reported on CAMS Products including sensing period from 21:18:14 to 21:27:14 are affected	rfi, svalbard
19/04/2019	Missing data		x	RFI from Asnaro-2 reported on CAMS Products including sensing period from 07:17:28 to 07:23:28 are affected	rfi, svalbard
27/04/2019	Missing data	x		Missing data due to acquisition issue. Products including sensing period from 10:44:28 to 10:50:28 and from 12:29:07 to 12:31:27 are affected Note that this is an IPF issue which should be fixed when these products will be reprocessed in the future	acquisition, svalbard
29/04/2019	Data gap & degraded products	x		No SLSTR data available from 14:57:09 to 16:41:26 (data gap) Products including sensing period from 14:52:04 16:42:03 include missing data (5 NTC products) Products including sensing period from 16:41:26 to 18:23:02 affected by pointing errors (geolocation affected)	product gap missing data pointing navatt
MAY					



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
02/05/2019	Missing data		x	Sequence errors observed at SVL Products including sensing period from 02:42:04 to 02:51:04 are affected by missing data	sequence error, svalbard
02/05/2019	Missing data	x		Missing data due to RFI Products including sensing period from 23:36:27 to 23:45:27 are affected by missing data	rfi, svalbard
07/05/2019	Missing data	x		Missing data due to RFI Products including sensing period from 13:00:36 to 13:06:36 are affected by missing data	rfi, svalbard
11/05/2019	Missing data		x	Degraded data due to processing issue Products including sensing periods from 10:42:20 to 10:48:20 or 12:27:00 to 12:29:19 are affected by missing data This issue should be fixed during the next reprocessing of the affected products	degraded data processing
20/05/2019 to 26/05/2019	SLSTR-A Decontamination	x		Instrument decontamination. Products missing or degraded from 20/05/2019 12:32:12 to 27/05/2019 11:48:06	Decontamination
24/05/2019	Missing data		x	Sequence errors Products including sensing period from 00:43:58 to 00:52:58 are affected by missing data	sequence error, svalbard
26/05/2019	Missing data	x		Missing data due to ground station issue Products including sensing period from 18:17:03 to 18:23:03 are affected by missing data	svalbard
28/05/2019	Missing data	x		Missing data due to RFI Products including sensing period from 09:56:45 to 10:05:45 are affected by missing data	rfi, svalbard
JUNE					
04/06/2019	Missing data	x		Missing data due to reoccurrence of AR/2202, PDHU PS dump corrupted (SLSTR packet affected) Products including sensing period from 08:28:27 to 08:34:27 are affected by missing data	dump packet corrupted
05/06/2019	Pointing errors		x	Products degraded by pointing errors due to planned satellite manoeuvre Products sensed from 06:40:39 to 08:24:38 are affected by the issue.	in-plane manoeuvre, pointing, geolocation
09/06/2019	Missing data	x		Missing data due to RFI from SkyMed 2 Products including sensing period from 18:07:27 to 18:13:27 are affected by missing data	rfi, svalbard
10/06/2019	Missing data	x		Missing data due to RFI from GCOM-C1 Products including sensing period from 12:35:18 to 12:41:18 are affected by missing data	rfi, svalbard
13/06/2019	Missing data		x	Sequencing errors and uncorrectable frames due to station controller (SCC) connection lost Products including sensing period from 03:38:11 to 03:44:11 are affected by missing data	sequence error, svalbard, station controller (SCC)
13/06/2019	Missing data	x		Missing data due to RFI with known spacecraft (TDX-1) Products including sensing period from 11:07:45 to 11:13:45 are affected by missing data	rfi, svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
14/06/2019	Pointing errors	x		Pointing errors (Nadir+Oblique) and "manoeuvre" flag raised due to in-plane-manoeuvre Products including sensing period from 07:12:46 to 10:37:45 are degraded	manoeuvr, pointing
19/06/2019	Pointing errors		x	Products degraded due to planned satellite manoeuvre Level 1 products sensed from 05:37:02 to 09:02:01 are flagged with "manoeuvre" tag and include pointing errors flag. Geolocation accuracy is affected	in-plane manoeuvre, pointing, geolocation
21/06/2019	Missing data		x	Missing data due to RFIs Products including sensing period from 12:51:37 to 12:57:37 are affected by missing data	rfi, svalbard
28/06/2019	Missing data		x	Missing data due to RFIs with FormoSat 5 Products including sensing period from 12:44:21 to 12:50:21 are affected by missing data	CGS PACs connectivity
JULY					
05/07/2019	Missing data		x	Missing data due to RFI Products including sensing period from 21:13:00 to 21:22:00 are affected by missing data	rfi, svalbard
08/07/2019	Missing data	x		Missing data due to RFIs Products including sensing period from 21:15:03 are 21:24:03 affected by missing data	rfi, svalbard
08/07/2019	Data gap & Degraded products	x		Due to an antenna failure, a large data gap is observed on 08/07/2019 from 14:46:58 to 19:46:50. Besides, products generated and including sensing periods from 14:40:06 to 21:30:03 are degraded either by missing data, pointing errors, or both issues.	gap, degraded, antenna
13/07/2019	Pointing errors	x		Geolocation accuracy degraded due to missing TM_0_NAT. Issue at satellite level Products with sensing period from 07:35:13 to 11:00:12 are affected by the issue	pointing, Navatt, TM_0_NAT
16/07/2019	Missing data	x		Missing data on products. Loss of frames during acquisition. Products with sensing period from 09:29:39 to 09:38:39 and from 11:16:38 to 11:22:38 are affected by the issue	sequencing error
17/07/2019	Data gap & Degraded products		x	Signal not properly received by antenna: a large data gap is observed from about 20:14 to 21:55. Besides products generated but within sensing period from 20:04:48 to 23:38:46 are degraded either by missing data, pointing errors, or both issues.	antenna data gap degradation
29/07/2019	Missing data		x	Missing data due to RFI Products including sensing period from 10:14:40 to 10:20:40 are affected by missing data	rfi, svalbard
30/07/2019	Missing data		x	Missing data due SCC hardware disconnection at pass setup Products including sensing period from 23:52:23 are affected by missing data	SCC hardware
31/07/2019	Missing data		x	Missing data due SCC hardware disconnection at pass setup Products including sensing period until 00:01:23 are affected by missing data	SCC hardware
AUGUST					
07/08/2019	Missing data	x		Missing data due to RFI from FORMOSAT-5 Products including sensing period from 10:26:32 to 10:32:32 are affected by missing data	rfi, svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
23/08/2019	Missing data		x	Missing data due to RFI from GCOM-C1 Products including sensing period from 05:49:03 to 05:58:03 are affected by missing data	rfi, svalbard
28/08/2019	Degraded products & pointing errors		x	SLSTR products degraded by a planned in-plane-maœuvre. Reduced data quality for SLSTR from 09:50 to 12:06.	in-plane maœuvre
28/08/2019	Degraded products & pointing errors	x		SLSTR products degraded by a planned out-of-plane-maœuvre. Reduced data quality for SLSTR from 12:02 to 14:25.	out-of-plane maœuvre
SEPTEMBER					
01/09/2019	Missing data		x	PDGS issue originating the following issues: // GAPS //	rfi, svalbard
03/09/2019	Degraded products		x	Data degraded due to blackbody crossover test covering sensing times from 03/09/2019 09:30	instrument-special-operation
04/09/2019	Degraded products		x	Data degraded due to blackbody crossover test covering sensing times until 04/09/2019 20:30.	instrument-special-operation
05/09/2019	Missing data & Data Gap	x		S3A SLSTR data gap found due to antenna failure at Svalbard station between 05:54 and 07:36. PDU before and after degraded. Missing navatt files between 04:10:10 to 09:19:08.	antenna data gap degradation missing navatt
05/09/2019	Degraded products	x		Data degraded due to blackbody crossover test covering sensing times from 05/09/2019 09:15	instrument-special-operation
06/09/2019	Degraded products	x		Data degraded due to blackbody crossover test covering sensing times until 06/09/2019 18:30.	instrument-special-operation
26/08/2020	Missing data		x	Missing scans in products due to RFI Products including sensing period from 19:24:49 to 19:29:48 are affected by the issue	rfi, svalbard
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
27/09/2019	Data gap & Degraded products		x	PDHU Memory Scrubbing activity impact Products until sensing time 20190926T021934 can be missing (=data gap) or affected by pointing errors or missing data in products (=degraded products)	PDHU Memory Scrubbing activity
November					
05/11/2019	Pointing errors	x	x	Pointing errors for SL_1_RBT NTC products due to missing Navatt. Navatt not available for processing due to a maintenance on PDGS side. S3A products from 20191105T093453 to 20191105T111852 affected (35 products) S3B Products from 20191105T085519 to 20191105T103918 affected (35 products)	pointing, Navatt, TM_0_NAT
12/11/2019	Missing data & Data Gap	x		S3A RFI causing data gap and missing frames Products from sensing time 20191112T080935 to 20191112T082735 are either missing or degraded	data gap, missing, RFI
12/11/2019	Missing data		x	RFI causing missing scans in products Products including sensing period from 16:57:58 to 17:03:58 are affected by the issue	rfi, svalbard
15/11/2019	Missing data		x	RFI causing missing scans in products Products including sensing period from 14:42:26 to 14:48:26 are affected by the issue	rfi, svalbard
18/11/2019	Missing data		x	RFI causing missing scans in products Products including sensing period from 01:39:59 to 01:48:59 are affected by the issue	rfi, svalbard
20/11/2019	Missing data		x	RFI causing missing scans in products Products including sensing period from 11:11:33 to 11:14:33 are affected by the issue	rfi, svalbard
27/11/2019	Pointing errors	x		Products degraded by pointing errors due to planned satellite manoeuvre Products sensed from 07:51:46 to 10:07:44 are affected by the issue	manoeuvre, pointing, geolocation
27/11/2019	Missing data		x	RFI causing missing scans in products Products including sensing period from 23:47:10 to 23:56:10 are affected by the issue	rfi, svalbard
December					
02/12/2019	Pointing errors	x		Pointing error flags raised on products as a consequence of PDHU dump anomaly. NAVATT are not missing then the issue could have no impact on products quality / geolocation accuracy. Products sensed from 04:28:51 to 09:36:04 are concerned	pointing, geolocation, PDHU



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
02/12/2019	Missing data	x		RFI causing missing scans in products Products including sensing period from 23:35:42 to 23:44:42 are affected by the issue	rfi, svalbard
09/12/2019	Missing data		x	Products including sensing period from 23:35:42 to 23:44:42 are affected by missing scans. Reason of the issue unknown	missing data scans
11/12/2019	Pointing errors	x		Pointing errors due to satellite manoeuvre. Products including sensing period from 10:42:07 to 14:04:05 are affected by the issue	manoeuvre pointing
18/12/2019	Pointing errors		x	Pointing errors due to satellite manoeuvre. Products including sensing period from 06:59:23 to 10:24:22 are affected by the issue	manoeuvre pointing
23/12/2019	Missing data	x		RFI causing missing scans in products Products including sensing period from 13:43:54 to 13:49:54 are affected by the issue	rfi, svalbard
24/12/2019	Missing data		x	RFI causing missing scans in products Products including sensing period from 21:51:10 to 22:00:10 are affected by the issue	rfi, svalbard



YEAR 2018					
Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
01/01/2018	Missing orbit acquisition at Svalbard	x		Non generation of orbit 9760 due to an antenna issue at Svalbard	Svalbard, antenna, missing orbit
23/01/2018	Missed data starting from orbit #10077 to #10080	x		SLSTR-A products impacted from PDU with sensing time 06:11 to 06:17, 09h13, 14h13 and 15h58	Svalbard
25/01/2018	SLSTR-A S8 Dynamic Range	x		products degraded in the period 08h22 to 08h25	calibration
FEBRUARY					
07/02/2018	Loss of data @ Svalbard	x		PDU affected OLCI: 14h35 SLSTR: 14h24 to 14h29	svalbard
09/02/2018	Loss of data @ Svalbard	x		PDU affected: 13h49 to 14h19	svalbard
15/02/2018	Loss of data @ Svalbard			Loss of data at SVL during downlink orbit 10400	svalbard
15/02/2018	SLSTR-A Decontamination #6 and onboard maintenance	x		products degraded between 2018/02/15 and 2018/02/21	decontamination
"	Loss of data @Svalbard	x		PDUS with missing data between 01h09 and 01h15	svalbard
24/02/2018	Loss of data @ Svalbard	x		Missing data in SLSTR products 20180224	svalbard
MARCH					
14/03/2018	Loss of data	x		Loss of transfer frames was reported on ARTS	svalbard
17/03/2018	Orbit 10835: No signal From Spacecraft	x		Missing or degraded from 17-03-2018T130006 to 17-03-2018T143945. Pointing errors in the following 14:39:26 to 16:19:23	svalbard
APRIL					
05/04/2018	Abs orbit 11001 not generated due to pl	x		No products available from sensing time 05:28:12 to 08:07:56	
22/04/2018	RFI @ Svalbard	x		Degraded products or missing from 00:30 to 05:01	svalbard
24/04/2018	Missing data in SLSTR granule 20180424	x		Product 07:10:34 to 07:13:34 with missing data	svalbard
MAY					
08/05/2018	Missing NAVATT due to reception loss @Svalbard	x		SLSTR geolocation degraded in orbit 15h24 to 16h50	svalbard
18/05/2018	RFI @ Svalbard	x		Degraded PDUs from 18h28 to 18h34	rfi, svalbard
21/05/2018	RFI @ Svalbard	x		Degraded PDUs 07h19 and 07h51	rfi, svalbard
22/05/2018	RFI @ Svalbard	x			rfi, svalbard
24/05/2018	S3A in-plane manoeuvre	x		2 orbits geolocation affected approx. in period 08:05 to 08:19	manoeuvre
27/05/2018	S3A loss of data	x		PDUs with degraded data 08h58 to 09h40	svalbard
JUNE					
01/06/2018	Missing data in SLSTR granules the 20180601	x		Degraded data in PDU starting at 00:44:35, 04:50:32, 14:24:28, 19:50:26, 21:11:26 and 21:14:26 Events: commanding for SLSTR Straylight Test SOR 2018-FCT155 and RFI (PDGSANOM-3336)	svalbard



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
02/06/2018	Missing data in SLSTR granules the 20180602	x		Degraded data between 08:19:20 and 09:45:19	
03/06/2018	Missing data in SLSTR granules the 20180603	x		PDU's with degraded data 13:17:07 to 13:17:07	rfi, svalbard
06/06/2018	S3A and S3B blackbody crossover test performed on the 6th and 7th June	x	x		test,blackbody
08/06/2018	No data aquired fo orbits 618 and 619 on DOY 159		x	Missing data aprox between 03h18 and 06h40	svalbard
"	Missing data in SLSTR granules the 20180608	x		Few products with missing scans	svalbard
10/06/2018	Missing data in SLSTR granules the 20180610	x		Few products with missing scans	rfi, svalbard
12/06/2018	Missing data in SLSTR granules the 20180612	x		Degraded products between 11:20:29 and 11:26:29, 15:17:26 and 17:03:34	rfi, svalbard
"	Missing Blackbody packets in SLSTR L0 products (END)	x	x	Occasional missing BB packets in L0 products from 7/3/2018 solved the 12th June. Originatin No prameters exceptions in BT channels	pug,L0,end
19/06/2018	Missing data in SLSTR-A granules the 20180619	x		No data from 05:36:13 to 14:04:09	svalbard
21/06/2018	Missing data in SLSTR-A granules the 20180621	x		Degraded products between 00:19:54 and 00:25:54	rfi, svalbard
27/06/2018	Missing data in product		x	Affected granule from 12h12	Svalbard
"	Product not generated	x		Missing data from 22:15:58 to 22:29:51	Svalbard
JULY					
02/07/2018	RFI @Svalbard	x		products degraded in the period 14h08 to 14h43	Svalbard
04/07/2018	S3A: Orbit 12395: Antenna Failed	x		Missing or degraded data from 22h25 to 00h22 the 2018/07/05; geolocation affected in this period	Svalbard
17/07/2018	Moon Calibraton Test		x	Data gap or degraded products between 08h35 and 10h16	manoeuvre, calibration
20/07/2018	Downlink Errors @Svalbard		x	Few products with missing data 02h06 02h12	Svalbard
24/07/2018	Downlink Errors @Svalbard		x	Few products with missing data 11h57 to 12h03	Svalbard
27/07/2018	Moon Calibration		x	Data gap or degraded products between 04h11 and 05h53	manoeuvre, calibration
AUGUST					
01/08/2018	S3A in-plane manouvre	x		2 orbits geolocation affected approx.	Decontamination
	S3B Decontamination		x	10 days affected	Decontamination
18/08/2018	S3B Sequencing errors @Svalbard		x	Few PDU's degraded	Svalbard
20/08/2018	S3B Sequencing errors @Svalbard		x	products degraded in the period 11h54 to 12h00	Svalbard
22/08/2018	Antenna Failed	x		2 orbits geolocation affected approx., few PDU affected	Svalbard
28/08/2018	Straylight Test SLSTR	x	x	product degraded in the period: S3A - 08:43:21 to 13:58:49 Orbit 13170 to 13173 S3B - 08:45:37 to 13:57:42 Orbit 1776 to 1779	calibration



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
29/08/2018	Pointing errors associated to S3B manoeuvre		x	2 orbits geolocation affected approx.	manoeuvre
30/08/2018	Pointing errors associated to S3B manoeuvre		x	2 orbits geolocation affected approx.	manoeuvre
SEPTEMBER					
12/09/2018	PDHU PS dump	x		Some PDU with missing data between 22h26 and 22h55	svalbard
13/09/2018 to 19/09/2018	SLSTR-A Decontamination	x		Instrument decontamination. Products missing or degraded from 13/09/2018 11:50:11 to 19/09/2018 21:51:01	Decontamination
16/09/2018	Loss of data @Svalbard		x	Missing data in PDUs 11h51 and 11h54	svalbard
19/09/2018	S3B: Orbit 2092: loss of data		x	Missing data in some PDUs between 12h25 and 12h37	svalbard
23/09/2018	Missing data in SLSTR-B granules the 20180923		x	16h58 and 17h01 PDUs degraded	
24/09/2018	Loss of data @Svalbard	x		PDUs with missing data between 00h54 and 01h01	svalbard
25/09/2018	Sequencing errors @Svalbard		x	PDUs with missing data between 00h54 and 01h00	svalbard
OCTOBER					
02/10/2018	SLSTR setting of Nadir and Oblique VISCAI parameters		x	PDUs affected between 10h13 and 10h31	calibration
08/10/2018	LOPP Granules for orbit #2364		x	PDUs with missing data between 14h17 and 14h28	svalbard
13/10/2018	S3B: Orbit 2434: loss of data observed		x	PDUs with missing data at 11h49 and 11h51	Svalbard
15/10/2018	Pointing errors due to in-plane manoeuvre		x	SLSTR-B pointing errors due to in-plane manoeuvre: Thrust start time [UTC]: 2018-10-15T03:00:17.475	manoeuvre
15/10/2018	2nd Drift phase manoeuvre		x	2 orbit with degraded geolocation from 10h30	manoeuvre



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
18/10/2018	SLSTR-B SOR EST062		x	PDGS issue originating the following issues: // GAPS // S3A: 20200809T055836 to 20200809T060551 (L0/L1/L2) 20200810T002506 to 20200810T002720 (L1) 20200810T071404 to 20200810T072105 (L0/L1/L2) S3B: 20200808T123051 to 20200808T123312 (L1) 20200809T014006 to 20200809T015340 (L1/L2) 20200809T064104 to 20200809T064303 (L1/L2) 20200809T070100 to 20200809T070746 (L0/L1/L2) //DEGRADED PRODUCTS // S3A (=missing scans): 20200808T230632 to 20200808T230959 20200809T055329 to 20200809T060829 20200809T224021 to 20200809T224621 20200810T002120 to 20200810T002506 20200810T071117 to 20200810T072317 S3B (=missing scans or discarded navatt): 20200808T122712 to 20200808T123051 20200809T070746 to 20200809T100502 20200809T234528 to 20200809T234756	test
22/10/2018	SLSTR-B SOR EST063		x	products degraded between 16h13 and 16h21 and between 22h57 and 23h05	test
24/10/2018	2nd Drift phase manoeuvre		x	geolocation degraded for 2 orbit starting at 08h53	manoeuvre
26/10/2018	SLSTR-B Decontamination		x	Degraded between 20181026T081036 to 20181102T044615 (8 days affected)	Decontamination
27/10/2018	Missing data in SLSTR-A granules	x		Degraded products 00:13:11 to 00:22:11	rfi, svalbard
NOVEMBER					
26/08/2020	LOPP Granules for orbit #2364		x	Missing scans in products due to RFI Products including sensing period from 19:24:49 to 19:29:48 are affected by the issue	svalbard
29/08/2020	2nd Drift phase manoeuvre		x	Missing scans in products due to processing issue. Products including the following sensing periods are affected on certain bands S3A: from 04:05:45 to 04:08:45 ; 04:11:45 to 04:20:45 ; 04:35:45 to 04:41:45 ; 06:01:44 to 06:07:44 S3B: from 03:53:22 to 03:56:22	manoeuvre
31/08/2020	Missing data in SLSTR-A granules	x		Missing scans in products - cause under investigation Products including sensing period from 17:11:17 to 17:20:17 are affected by the issue	missing scans



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
10/11/2018	Missing data in SLSTR-B granules the 20181110		x	PDU's with missing data: 00:19:29 to 00:28:29	svalbard
15/12/2018	Missing data in SLSTR-A 20181215	x		PDU affected: 06:59:58	rfi, svalbard
20/12/2018	SLSTR-B Degraded by SRAL cross-calibration manoeuvre - 20181220		x	PDU's missing data 08:22:32 to 08:30:31 and pointing errors 08:51:31 to 10:35:31	manoeuvre
26/12/2018	Missing data in SLSTR-A 2018/12/26	x		PDU's missing data 02:56:58 to 03:02:58	svalbard
28/12/2018	S3A missed data on 28/12/2018	x		Gaps: SL_1 12:39:31- 14:24:56 ; SL_2 11:05:47 - 14:24:56	svalbard



YEAR 2017					
Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
23/01/2017	Data gap	x		Gap between 08:29:27 and 13:45:05	gap
FEBRUARY					
01/02/2017	Missing data in SLSTR Granules	x		Few granules degraded between 14:51:05 and 14:54:05	svalbard
07/02/2017	Orbit corrupted at Svalbard	x		Originating data Gap & degraded products between 18:48:57 and 20:29:56	svalbard,gap
14/02/2017 19/02/2017	SLSTR FPU trap anomaly	x		Re-occurrence of the SLSTR FPU trap anomaly which triggered a CDE transition to STANDBY-REFUSE mode - Solved by decontamination of SLSTR instrument	instrument, decontamination
MARCH					
15/03/2017	S3A Out-of-plane manoeuvre	x		Gap 06:31:23 to 08:13:20	manoeuvre, gap
16/03/2017 17/03/2017	SLSTR FPU trap anomaly	x		Re-occurrence of the SLSTR FPU trap anomaly. Detectors temperatures are back to nominal. Products acquired between 20170316T0155 and 20170317T2226 (if acquired) are impacted by the anomaly. SLSTR CDE was commanded back to ON-DUTY at 22:26:30 UTC	instrument, decontamination
APRIL					
N/A					
MAY					
02/05/2017	SLSTR offset voltages	x		The SOR to fulfil the request RIO_OPER_0042 v1.1 was successfully executed. The temporary offset voltages were applicable the 2017/05/02 from 07:33:35 UTC (orbit #6282) until 12:31:26 UTC (orbit #6285).	instrument
07/05/2017	Missing data in SLSTR granules the 20170507	x		Products degraded between 10:43:35 and 10:55:35	
23/05/2017	S3A in-plane manoeuvre	x		Manoeuvre from 14:28 to 14:42	manoeuvre
JUNE					
N/A					
JULY					
06/07/2017	Loss of transfer frame S3A	x		Products degraded between 16:04:25 and 16:10:25	svalbard
07/07/2017	Gap / Missing data	x		Gap or degraded products between 03:42:20 and 03:54:20	gap
30/07/2017 06/08/2017	Instrument Anomaly	x		Double-Bit Flip Anomaly + Decontamination: 30 Jul 2017 at 14:33 to 06Aug at 11:04	anomaly, instrument, decontamination
AUGUST					
"					
SEPTEMBER					
01/09/2017	S3A: Orbit 8027 Antenna Interlock, No data received	x		Gap and degraded products at start from 14:39:53 to 16:26:52	svalbard, gap



Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
13/09/2017	Missing dataSLSTR data 13th September 2017	x		Granule affected at 08:17:43 to 08:20:43	
25/09/2017	Data Loss at the station for dump 8369 and corrupted products	x		A loss of data has been observed @Svalbard during downlink orbit 8369 (AOS: 25/09/2017 16:01:21 – LOS: 25/09/2017 16:15:07) on both DFEPs. The loss of transfer frames involves OLCI, SLSTR and SRAL instrument data (VCID 1,3 and 5) and both channels. The entity of the data loss is around 10k of frame According to Sentinel 3 CGS1 daily operations report the DFEP and Antenna status are reported as OK and no predicted RFI are indicated - Affected granule 14:26:26 to 14:29_26	svalbard
27/09/2017	Inplane Manoeuvre	x		In plane manoeuvre from 08:01 to 08:15	manoeuvre
OCTOBER					
25/10/2017	SLSTR degraded ISP on 25/10/2017	x		SLSTR degraded ISP on 25/10/2017 between 10:27:55 and 10:36:55	rfi, svalbard
NOVEMBER					
14/11/2017	[S3MPC] SLSTR products Anomaly	x		SLSTR products Anomaly between 12:02:12 and 12:49:11	svalbard
DECEMBER					
13/12/2017	Out of plane manoeuvre	x		Planned out of plane manoeuvre 07:58 to 08:31	manoeuvre