Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
07/01/2023	Moon Calibration	x		Data gap on L1 products from 09:04:18 to 09:05:26	data gap moon calibration
10/01/2023	Missing frames	x		Missing frames due to RFI with ICEEYE-X18: Product sensing impacted from 01:01:50 to 01:04:50	missing frames rfi
10/01/2023	Missing frames	x		Missing frames due to unknown anomaly: Product sensing impacted from 11:16:46 to 11:19:46	missing frames
14/01/2023	Missing frames		x	Missing frames due to RFI with KOMPSAT-3: Product sensing impacted from 07:20:52 to 07:23:52	missing frames rfi
17/01/2023	OLCI Calibration		x	Data gap on L1+ products from 09:06:08 to 09:08:08	data gap calibration
20/01/2023	Missing frames		x	Missing frames due to RFI with Falcon Eye 2: Product sensing impacted from 09:20:24 to 09:22:44	missing frames rfi
25/01/2023	Missing frames		x	Missing frames due to RFI with SUPERVIEW NEO: Product sensing impacted from 19:28:44 to 19:31:44	missing frames rfi
26/01/2023	Missing frames		x	Missing frames due to RFI with OBJECT AR: Product sensing impacted from 15:07:48 to 15:10:35	missing frames rfi
27/01/2023	Missing frames	x		Missing frames due to RFI with SKYSAT C10: Product sensing impacted from 00:23:44 to 00:26:44	missing frames rfi
27/01/2023	Missing frames		x	Missing frames due to RFI with SUPERVIEW-2 01: Product sensing impacted from 20:02:22 to 20:05:22	missing frames rfi
28/01/2023	Missing frames	x		Missing frames due to RFI with SKYMED 4: Product sensing impacted from 14:54:28 to 14:57:26	missing frames rfi
29/01/2023	Missing frames	x		Missing frames due to RFI with Jilin 1KFO1C: Product sensing impacted from 18:02:14 to 18:05:14	missing frames rfi
FEBRUARY					
08/02/2023	Missing frames		x	Missing frames due to RFI with CSG-2: Product sensing impacted from 14:29:13 to 14:30:14	missing frames rfi
15/02/2023	Missing frames		x	Missing frames due to RFI: Product sensing impacted from 21:32:53 to 21:35:53	missing frames rfi
16/02/2023	Missing frames		x	Missing frames due to RFI with CAPELLA-8 (WHITNEY): Product sensing impacted from 17:44:43 to 17:47:43	missing frames rfi
18/02/2023	Missing frames		x	Missing frames due to RFI with CFOSAT: Product sensing impacted from 06:46:26 to 06:49:26	missing frames rfi
23/02/2023	Missing frames		x	Missing frames due to RFI with Superview Neo-1: Product sensing impacted from 20:35:32 to 20:38:32	missing frames rfi
25/02/2023	Missing frames	x		Impact of ground segment anomaly: Missing frames on products from 09:40:15 to 09:42:32	missing data frame data gap
25/02/2023	Missing frames		x	Missing frames due to RFI: Product sensing impacted from 03:46:11 to 03:49:11	missing frames rfi
MARCH					
06/03/2023	Missing frames		x	Missing frames due to RFI: Product sensing impacted from 13:39:24 to 13:42:24	missing frames rfi
14/03/2023	Missing frames		x	Misising frames due to RFI: Product sensing impacted from 21:32:53 to 21:35:53	missing frames rfi

Date	Type			Description	Tags
23/03/2023	Missing frames		x	Missing frames due to RFI with JILIN-01 KUANFU 01C: Product sensing impacted from 09:12:18 to 09:15:18	missing frames rfi
26/03/2023	Missing frames	x		Missing frames due to RFI with HAWK-4B: Product sensing impacted from 20:31:53 to 20:34:53	missing frames rfi
27/03/2023	Missing frames		x	Missing frames due to RFI with CAPELLA-8 WHITNEY: Product sensing impacted from 09:08:33 to 09:11:33	missing frames rfi
APRIL					
03/04/2023	Missing frames		x	Missing frames due to RFI with UMBRA-04: Product sensing impacted from 06:39:39 to 06:41:16	missing frames rfi
03/04/2023	Data gap		x	Data gap due to RFI with UMBRA-04: Data gap from 06:38:52 to 06:39:39	data gap rfi
05/04/2023	Missing frames	x		Missing frames due to RFI with Meteor M2: Product sensing impacted from 06:04:08 to 06:07:08	missing frames rfi
06/04/2023	Missing frames		x	Missing frames due to RFI with SKYSAT C8: Product sensing impacted from 13:14:39 to 13:17:39	missing frames rfi
06/04/2023	Missing frames		x	Missing frames due to RFI with NUSAT-9 ALICE: Product sensing impacted from 18:11:37 to 18:14:37	missing frames rfi
10/04/2023	Missing frames	x		Missing frames due to RFI with Pleiades-1 and Nusat-20: Product sensing impacted from 23:44:28 to 00:28:38	missing frames rfi
19/04/2023	Missing frames		x	Missing frames due to unkown RFI: Product sensing impacted from 09:18:19 to 09:21:19	missing frames rfi
19/04/2023	Missing frames	x		Missing frames due to RFI with Skymed-2: Product sensing impacted from 14:45:30 to 14:48:30	missing frames rfi
25/04/2023	OLCI Calibration	x		Missing frames due to S09 OLCI Calibration: Product sensing impacted from 09:01:25 to 09:07:25	missing framers calibration
MAY					
05/05/2023	OLCI Calibration		x	Data gap on all levels from 09:06:22 to 09:07:31	calibration data gap
08/05/2023	Missing frames	x		Missing frames due to solar RFI: Product sensing impacted from 09:47:42 to 09:53:00	missing frames rfi
09/05/2023	Missing frames		x	Missing frames due to RFI with SkySat c13: Product sensing impacted from 17:39:35 to 17:42:35	missing frames rfi
10/05/2023	Missing frames		x	Missing frames due to RFI: Product sensing impacted from 16:49:24 to 16:52:24	missing frames
12/05/2023	Missing frame		x	Missing frames due to RFI with AQUA: Product sensing impacted from 14:10:03 to 14:13:03	missing frames rfi
16/05/2023	Missing frames	x		Missing frames due to RFI with AURA & "Object A": Product sensing impacted from 10:18:30 to 10:21:30	missing frames rfi
29/05/2023	Missing frames		x	Missing frames due to RFI with the sun: Product sensing impacted from 09:02:01 to 09:05:01	missing frames rfi
JUNE					
01/06/2023	Missing frames data gap		x	Missing frames due to RFI with PLEIADES-1: Product sensing impacted from 14:24:24 to 14:30:24 Data gap on all levels from 14:27:08 to 14:28:13	missing frames data gap rfi
02/06/2023	Missing frames	x		Missing frames due to RFI with SUPERVIEW-2 01: Product sensing impacted from 19:34:17 to 19:37:17	missing frames rfi
07/06/2023	Missing frames		x	Missing frames due to RFI with NUSAT-35: Product sensing impacted from 08:01:20 to 08:04:20	missing frames rfi
13/06/2023	Missing frames		x	Missing frames due to RFI with SkySat C11: Product sensing impacted from 00:18:19 to 00:21:19	missing frames rfi

Date	Event			Description	Keywords
14/06/2023	Missing frames	x		Missing frames due to RFI with NUSAT-34: Product sensing impacted from 15:37:01 to 15:40:01	missing frames rfi
17/06/2023	Data gap	x		Data gap due to circulation issue: Product sensing impacted from 01:17:24 to 02:25:54	data gap circulation
22/06/2023	Missing frames	x		Missing frames due to RFI with SaoCom 1B: Product sensing impacted from 00:14:41 to 00:17:41	missing frames rfi
JULY					
02/07/2023	missing frames	x		Missing frames due to RFI with SuperView-1: Product sensing impacted from 09:23:44 to 09:26:44	missing frames rfi
17/07/2023	missing frames		x	Missing frames due to RFI: Product sensing impacted from 15:36:15 to 16:20:34	missing frames rfi
17/07/2023	Missing frames data gap		x	Missing frames due to RFI: Product sensing impacted from 00:37:04 to 00:40:04 Data gap on L2 and ERR from 00:37:16 to 00:37:36	missing frames data gap rfi
22/07/2023	Missing frames		x	Missing frames due to RFI with SaoCom 1A: Product sensing impacted from 15:10:01 to 15:13:01	missing frames rfi
23/07/2023	Missing frames	x		Missing frames due to RFI with Worldview 1: Product sensing impacted from 20:40:43 to 20:46:43	missing frames rfi
24/07/2023	Missing frames		x	Missing frames due to RFI with Pleiades 1B: Product sensing impacted from 12:01:36 to 12:04:36	missing frames rfi
26/07/2023	Missing frames		x	Missing frames due to RFI with SKYSAT C13: Product sensing impacted from 08:22:19 to 08:25:19	missing frames rfi
26/07/2023	Missing frames		x	Missing frames due to RFI with UMBRA-05: Product sensing impacted from 17:14:15 to 17:17:15	missing frames rfi
27/07/2023	Missing frames	x		Missing frames due to RFI with Jilin-1KF01C: Product sensing impacted from 11:54:02 to 11:57:02	missing frames rfi
AUGUST					
03/08/2023	Missing frames		x	Missing frames due to RFI with GNOMES-2 and ARMSAT1 URDANETA: Product sensing impacted from 23:39:08 to 23:41:44	missing frames rfi
05/08/2023	Missing frames	x		Missing frames due to RFI with Sentinel-2A: Product sensing impacted from 23:35:50 to 23:41:50	missing frames rfi
06/08/2023	Missing frames data gap		x	Missing frames due to RFI with ALOS-2: Product sensing impacted from 00:23:56 to 00:27:56 Data gap on OL_1_EFR from 00:25:47 to 00:27:22 - 95'' Data gap on L0,OL_1_ERR,OL_2_LFR and OL_2_LRR from 00:25:47 to 00:26:14 - 27''	missing frames data gap rfi
07/08/2023	Missing frames		x	Missing frames due to RFI with ALOS-2: Product sensing impacted from 22:08:45 to 22:10:45	missing frames rfi
10/08/2023	Missing frames	x		Missing frames due to RFI with Superview NEO-01: Product sensing impacted from 11:11:25 to 11:14:25	missing frames rfi
10/08/2023	Missing frames		x	Missing frames: Product sensing impacted from 17:13:29 to 17:19:29	missing frames
10/08/2023	Missing frames		x	Missing frames: Product sensing impacted from 20:23:28 to 20:32:28	missing frames
11/08/2023	Missing frames		x	Missing frames: Product sensing impacted from 11:32:21 to 11:35:21	missing frames
11/08/2023	Missing frames		x	Missing frames due to RFI with Jilin 1KF01: Product sensing impacted from 18:25:18 to 18:28:18	missing frames rfi
11/08/2023	OLCI Calibration	x		Data gap due to calibration on all levels above L1 from 07:47:34 to 10:25:19 - 157''	calibration data gap

12/08/2023	Missing frames	x		Missing frames due to RFI with SUPERVIEW-1 03: Product sensing impacted from 12:18:02 to 12:21:02	missing frames rfi
12/08/2023	Missing frames	x		Missing frames due to RFI with SAOCOM 1-A: Product sensing impacted from 15:04:00 to 15:07:00	missing frames rfi
20/08/2023	Missing frames		x	Missing frames due to RFI with Umbra-04: Product sensing impacted from 16:10:40 to 16:13:40	missing frames rfi
21/08/2023	OLCI Calibration		x	Data gap due to calibration on all levels from 09:06:30 to 09:07:38 of 68".	calibration data gap
22/08/2023	Missing frames		x	Missing frames: Product sensing impacted from 10:15:20 to 10:18:20	missing frames
26/08/2023	Missing frames		x	Missing frames: Product sensing impacted from 13:39:33 to 13:42:33	missing frames
30/08/2023	Missing frames		x	Missing frames: Product sensing impacted from 17:21:46 to 17:23:55	missing frames rfi
SEPTEMBER					
02/09/2023	Missing frames	x		Missing frames: Product sensing impacted from 12:47:09 to 12:50:09	missing frames rfi
03/09/2023	Missing frames	x		Missing frames: Product sensing impacted from 08:50:34 to 08:56:00	missing frames rfi
05/09/2023	Missing frames	x		Missing frames: Product sensing impacted from 11:43:37 to 11:46:37	missing frames rfi
06/09/2023	Missing frames	x		Missing frames: Product sensing impacted from 16:05:24 to 16:11:24	missing frames rfi
19/09/2023	Missing frames	x		Missing frames: Product sensing impacted from 18:53:00 to 18:56:00	missing frames rfi
24/09/2023	Missing frames		x	Missing frames: Product sensing impacted from 19:16:17 to 19:19:05	missing frames rfi
29/09/2023	Missing frames	x		Missing frames: Product sensing impacted from 20:07:08 to 20:10:12	missing frames rfi
OCTOBER					
06/10/2023	Missing frames	x		Missing frames: Product sensing impacted from 21:33:50 to 21:36:50	missing frames rfi
08/10/2023	Missing frames		x	Missing frames: Product sensing impacted from 13:39:35 to 13:42:35	missing frames rfi
10/10/2023	Missing frames		x	Missing frames: Product sensing impacted from 21:21:09 to 21:24:09	missing frames rfi
11/10/2023	Missing frames	x		Missing frames: Product sensing impacted from 21:09:55 to 21:12:55	missing frames rfi
13/10/2023	Missing frames		x	Missing frames: Product sensing impacted from 23:09:35 to 23:12:35	missing frames rfi
NOVEMBER					
29/10/2023	Missing frames	x		Missing frames: Product sensing impacted from 15:11:39 to 15:14:39	missing frames rfi
02/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 14:55:53 to 14:58:53	missing frames rfi
06/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 21:36:04 to 21:39:04	missing frames rfi
12/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 08:47:02 to 08:50:02	missing frames rfi

Date	Event			Description	Tag
13/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 06:48:52 to 06:51:52	missing frames rfi
18/11/2023	Missing frames		x	Missing frames: Product sensing impacted from 14:02:01 to 14:05:01	missing frames rfi
21/11/2023	Missing frames, short PDU		x	Missing frames: Product sensing impacted from 16:11:28 to 16:11:31	missing frames, short PDU
22/11/2023	Missing frames, short PDU		x	Missing frames: Product sensing impacted from 09:04:20 to 09:04:47 Data gaps on all levels from 09:04:47 to 09:07:20.	missing frames, short PDU and data gap
21/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 13:28:20 to 22:22:54	missing frames
24/11/2023	Missing frames		x	Missing frames: Product sensing impacted from 07:56:59 to 07:59:59	missing frames
24/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 20:40:43 to 20:43:43	missing frames rfi
27/11/2023	Missing frames	x		Missing frames: Product sensing impacted from 05:42:16 to 05:45:16	missing frames rfi
27/11/2023	OLCI Calibration	x		Data gap due to calibration on products of L1 and L2: from 07:59:13 to 10:36:58 - 157'	calibration data gap
27/11/2023	OLCI Calibration	x		Data gap due to calibration on L0 products: from 19:46:09 to 20:12:42 - 26' from 20:17:48 to 20:42:55 - 25'	calibration data gap
DECEMBER					
01/12/2023	Missing frames	x		Missing frames: Product sensing impacted from 12:19:28 to 12:22:28	missing frames rfi
03/12/2023	Missing frames	x		Missing frames: Product sensing impacted from 06:24:09 to 06:27:09	missing frames rfi
07/12/2023	OLCI Calibration, short PDU		x	Missing frames due to OLCI S09 calibration: Product sensing impacted from 09:03:30 to 09:09:30 Gaps on all levels from 09:06:28 to 09:07:37 - 69"	calibration data gap, short PDU
08/12/2023	Missing frames		x	Missing frames: Product sensing impacted from 20:39:15 to 21:03:43	missing frames rfi
15/12/2023	Missing frames	x		Missing frames: Product sensing impacted from 16:27:55 to 16:30:55	missing frames rfi
18/12/2023	Missing frames		x	Missing frames: Product sensing impacted from 12:58:28 to 13:01:28	missing frames rfi
19/12/2023	Missing frames	x		Missing frames: Product sensing impacted from 20:04:10 to 20:07:10	missing frames rfi
22/12/2023	Missing frames		x	Missing frames: Product sensing impacted from 12:48:44 to 12:51:44	missing frames rfi
22/12/2023	Missing frames, short PDU, data gaps		x	Missing frames: Product sensing impacted from 15:58:42 to 17:38:37 Data gaps on L1 from 16:16:01 to 16:16:42 41" and from 17:38:37 to 17:39:41 64". Data gaps on L2 from 17:38:37 to 17:39:41 64".	missing frames, short PDU and data gap
27/12/2023	OLCI Calibration		x	Data gaps on L0 from 07:43:28 to 08:10:23 - 26' and from 08:15:29 08:40:24 - 24'	calibration data gap

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
07/01/2022	Maoeuvre	x		Products degraded due to planed manoeuvre from 02:04:02 to 02:19:21	manoeuvre
18/01/2022	Moon Calibration	x		Products degraded due to planed manoeuvre from 02:04:02 to 02:19:21	calibration, manoeuvre
24/01/2022	Missing frames	x		Missing frame due to RFI from Object-A: Product sensing time impacted from 18:13:09 to 18:15:09	missing data frame isp RFI
FEBRUARY					
07/02/2022	Missing frames		x	Missing frame due to RFI from Saocom 1-B: Product sensing time impacted from 00:50:52 to 00:53:52	missing data frame isp RFI
15/02/2022	Missing frames		x	Missing frame due to RFI from Terra: Product sensing time impacted from 22:48:14 to 22:51:14	missing data frame isp RFI
16/02/2022	Moon Calibration		x	Products degraded due to planed manoeuvre from 23:49:02 to 23:57:03	calibration, manoeuvre
17/02/2022	Data gap	x		Data gap due to S09 calibration: Products sensing time impacted from 09:03:59 to 09:05:59	data gap S09 calibration
27/02/2022	Data gap		x	Data gap due to S09 calibration: Products sensing time impacted from 09:05:47 to 09:07:13	data gap S09 calibration
March					
02/03/2022	Missing frames		x	Missing frames due to issue during acquisition/processing: Product sensing impacted from 12:41:23 to 12:41:33	missing data frame acquisition processing
04/03/2022	Missing frames	x		Missing frames due to RFI with PNEO-3: Product sensing impacted from 21:05:32 to 21:08:32	missing data frame isp RFI
07/03/2022	Missing frames	x		Missing frames due to RFI with CFOSAT: Product sensing impacted from 07:45:05 to 07:48:05	missing data frame isp RFI
10/03/2022	Missing frames	x		Missing frames due to VAM re-occurence anomaly: Product sensing impacted from 13:34:28 to 17:14:27	instrument error VAM anomaly
13/03/2022	Missing frames		x	Missing frames due to RFI with CSG-1: Product sensing impacted from 21:33:26 to 21:36:26	missing data frame isp RFI
18/03/2022	Moon calibration	x		Products degraded due to planed manoeuvre from 15:52:12 to 15:57:18	calibration, manoeuvre
25/03/2022	Missing frames	x		Missing frames due to RFI with Skysat-C9: Product sensing impacted from 07:41:25 to 07:44:25	missing data frame isp RFI
26/03/2022	Missing frames		x	Missing frames due to RFI with NUSAT-11: Product sensing impacted from 18:57:03 to 19:00:03	missing data frame isp RFI
27/03/2022	Missing frames		x	Missing frames due to RFI with SAOCOM-1A: Product sensing impacted from 00:03:01 to 00:06:01	missing data frame isp RFI
27/03/2022	Missing frames	x		Missing frames due to RFI with Capella-3 Whitney: Product sensing impacted from 07:41:25 to 07:44:25	missing data frame isp RFI
April					
02/04/2022	Missing frames		x	Missing frames due to RFI with unknown S/C: Product sensing impacted from 17:58:46 to 18:04:46	missing data frame isp RFI
04/04/2022	Missing frames	x		Missing frames due to RFI with PLEIADES 1: Product sensing impacted from 12:39:54 to 12:42:54	missing data frame isp RFI
08/04/2022	Missing frames	x		Missing frames due to RFI with TERRA: Product sensing impacted from 08:53:11 to 08:56:11	missing data frame isp RFI

Date	Type			Description	Category
28/04/2022	Missing frames	x		Missing frames due to RFI with SKYSAT C13: Product sensing impacted from 08:55:31 to 08:58:31	missing data frame isp RFI
May					
04/05/2022	Missing frames		x	Missing frames due to RFI with Skysat C9: Product sensing impacted from 00:21:04 to 00:24:04	missing data frame isp RFI
09/05/2022	Missing frames		x	Missing frames due to unknown reason. Investigation ongoing.	missing data frame
16/05/2022	Moon Calibration		x	Products missing due to planed manoeuvre from 13:08:35 to 15:46:09	data gap moon calibration
June					
15/06/2022	S09 Calibration		x	Products missing due to OLCI S09 calibration covering from 20220615T09:06:18 to 20220615T09:07:26	data gap calibration
21/06/2022	Missing frames		x	Mising frames due to RFI with ICEYE-X6: Product sensing impacted from 04:57:15 to 05:00:15	missing data frame isp RFI
21/06/2022	Missing frames	x		Mising frames due to RFI with SKYSAT C4: Product sensing impacted from 08:46:29 to 08:49:29	missing data frame isp RFI
22/06/2022	Missing frames		x	Missing frames due to RFI with Capella-3 Whitney: Product sensing impacted from 15:53:59 to 15:56:59	missing data frame isp RFI
25/06/2022	Missing frames		x	Missing frames due to PDHU anomaly. Product sensing impacted from 03:06:31 to 03:09:31	missing data frame pdhu anomaly
July					
04/07/2022	Missing frames	x		Missing frames due to RFI with SKYSAT C11: Product sensing impacted from 11:16:02 to 11:19:02	missing data frame isp RFI
05/07/2022	Degraded products	x		Products degraded with "#DISCARDED_NAVATT" flag from 05:47:04 to 06:27:07, orbit 33231	degraded products
09/07/2022	Missing frames	x		Missing frames due to RFI with Sentinel-2A: Product sensing impacted from 05:43:09 to 05:46:09	missing data frame isp RFI
13/07/2022	Data gap	x		Data gap due to OLCI moon calibration from 21:28:45 to 20220714 00:06:23	data gap moon calibration
15/07/2022	Missing frames		x	Missing frames due to RFI with GOSAT: Product sensing impacted from 12:41:47 to 12:44:47	missing data frame isp RFI
15/07/2022	Missing frames		x	Missing frames due to RFI with SUPERVIEW NEO-1 01: Product sensing impacted from 19:28:44 to 19:31:44	missing data frame isp RFI
17/07/2022	Missing frames	x		Missing frames due to RFI with JILIN-01 GAOFEN 2F: Product sensing impacted from 10:38:36 to 10:41:36	missing data frame isp RFI
27/07/2022	Missing frames		x	Missing frames due to RFI with Aeolus: Product sensing impacted from 05:43:37 to 05:46:37	missing data frame isp RFI
28/07/2022	Missing frames	x		Missing frames due to RFI with Superview NEO-1: Product sensing impacted from 19:36:29 to 19:39:29	missing data frame isp RFI
31/07/2022	Missing frames		x	Missing frames due to RFI with CAPELLA-5: Product sensing impacted from 14:10:49 to 14:13:49	missing data frame isp RFI
August					
02/08/2022	Missing frames		x	Missing frames due to RFI with Sentinel 1A: Product sensing impacted from 13:33:27 to 13:36:27	missing data frame isp RFI
10/08/2022	Missing frames	x		Missing frames, investigation ongoing. Product sensing impacted from 20:40:03 to 20:43:03	missing data frame
11/08/2022	Missing frames	x		Missing frames due to RFI with Hawk-4A: Product sensing impacted from 21:45:51 to 21:48:51	missing data frame isp RFI
13/08/2022	Missing frames		x	Missing frames due to RFI with Skysat C10: Product sensing impacted from 22:13:20 to 22:16:20	missing data frame isp RFI
13/08/2022	Missing frames	x		Missing granules, investigation ongoing. Product sensing impacted from 22:28:28 to 22:31:28	missing granules

Date	Event			Description	Keywords
21/08/2022	Missing frames	x		Missing frames due to RFI with Spot-6: Product sensing impacted from 17:18:00 to 17:21:00	missing data frame isp RFI
24/08/2022	Missing frames		x	Missing frames due to RFI with Superview-1: Product sensing impacted from 10:29:24 to 10:32:24	missing data frame isp RFI
26/08/2022	Missing frames	x		Missing frames due to RFI with ASNARO-2: Product sensing impacted from 02:09:11 to 02:12:11	missing data frame isp RFI
30/08/2022	Missing frames	x		Missing frames due to RFI with CAPELLA-4: Product sensing impacted from 17:02:20 to 17:05:20	missing data frame isp RFI
September					
07/09/2022	Missing frames	x		Missing frames due to RFI with YAM -3: Product sensing impacted from 13:23:55 to 13:26:55	missing data frame isp RFI
09/09/2022	Missing frames	x		Missing frames due to RFI with Superview NEO-1: Product sensing impacted from 10:59:34 to 11:02:34	missing data frame isp RFI
09-12/09/2022	Data gap	x		Data gaps on all instruments. Investigation ongoing.	data gap
10/09/2022	Moon Calibration	x		Data gaps due to moon calibration. Investigation ongoing.	data gap moon calibration
10/09/2022	Missing frames	x		Missing frames due to RFI with Pleiades 1B: Product sensing impacted from 12:14:23 to 12:17:23	missing data frame isp RFI
12/09/2022	Missing frames	x		Missing frames due to RFI with CSG-2: Product sensing impacted from 16:12:59 to 16:15:59	missing data frame isp RFI
15/09/2022	Missing frames		x	Missing frames due to RFI with ASNARO-2: Product sensing impacted from 09:09:18 to 09:12:18	missing data frame isp RFI
18/09/2022	Missing frames	x		Missing frames - issue in input raw data: Product sensing impacted from 00:05:00 to 00:11:00	missing data frame
18/09/2022	Missing frames		x	Missing frames due to RFI with Landsat-7: Product sensing impacted from 07:47:45 to 07:50:45	missing data frame isp RFI
21/09/2022	S09 calibration	x		Missing frames due to moon calibration: Product sensing impacted from 09:01:23 to 09:07:23	missing data frame s09 calibration
24/09/2022	Missing frames	x		Missing frames due to RFI with SUPERVIEW NEO-1 02: Product sensing impacted from 19:38:44 to 19:41:44	missing data frame isp RFI
29/09/2022	Missing frames		x	Missing frames due to RFI with SUPERVIEW NEO-2 01: Product sensing impacted from 13:29:39 to 13:32:39	missing data frame isp RFI
30/09/2022	Missing frames	x		Missing frames - root cause under investigation: Product sensing impacted from 11:52:41 to 11:55:41	missing data frame
October					
01/10/2022	Missing frames		x	Missing frames due to RFI with SKYSAT-1: Product sensing impacted from 19:15:13 to 19:18:13	missing data frame isp RFI
01/10/2022	S09 calibration		x	Data gap due to S09 Calibration from 09:06:16 to 09:07:25 - 69"	data gap s09 calibration
16/10/2022	Missing frames	x		Missing frames due to RFI with Skysat C1: Product sensing impacted from 19:53:39 to 19:59:39	missing data frame isp RFI
17/10/2022	Missing frames		x	Missing frames due to RFI with ALOS-2: Product sensing impacted from 12:10:19 to 12:13:19	missing data frame isp RFI
25/10/2022	Missing frames		x	Missing frames due to RFI with Skysat-C2: Product sensing impacted from 08:34:54 to 08:37:54	missing data frame isp RFI
25/10/2022	Missing frames		x	Missng frames due to corruped orbit: Product sensing impacted from 11:54:46 to 11:56:52	missing data frame
29/10/2022	Missing frames and data gap		x	Impact of ground segment anomaly: - Data gap on all levels from 20221029 10:18:47 to 20221029 11:51:28 - Missing frames on products from 20221029T10:18:10 to 20221029T10:18:47	missing data frame data gap

November					
08/11/2022	Missing frames	x		Missing frames due to RFI: Product sensing impacted from 14:54:24 to 14:57:24	missing data frame isp RFI
08/11/2022	Missing frames		x	Missing frames due to RFI with JILIN-01 KUANFU 01C: Product sensing impacted from 17:36:36 to 17:40:17	missing data frame isp RFI
13/11/2022	Missing frames	x		Missing frames: Product sensing impacted from 18:22:27 to 18:25:27	missing data frame
20/11/2022	Missing frames	x		Missing frames due to RFI with Superview-1: Product sensing impacted from 21:36:06 to 21:39:06	missing data frame isp RFI
20/11/2022	Missing frames		x	Missing frames due to RFI with Terra: Product sensing impacted from 21:03:00 to 21:06:00	missing data frame isp RFI
21/11/2022	Missing frames	x		Missing frames: Product sensing impacted from 22:47:54 to 22:50:54	missing data frame isp RFI
25/11/2022	Missing frames	x		Missing frames due to RFI with JILIN-01 KUANFU 01: Product sensing impacted from 17:35:51 to 17:38:11	missing data frame isp RFI
December					
02/12/2022	Missing frames		x	Missing frames due to RFI with ALOS-2: Product sensing impacted from 02:11:57 to 02:14:57	missing data frame isp RFI
04/12/2022	Missing frames	x		Missing frames due to delayed reception of granules, L0PP reports and incomplete HKTM. Product sensing impacted from 12:04:33 to 12:07:33	missing data frame isp RFI
05/12/2022	Missing frames		x	Missing frames due to RFI with ALOS-2: Product sensing impacted from 21:38:15 to 21:41:15	missing data frame isp RFI
08/12/2022	Moon Calibration		x	Data gap on L0 from 15:23:13 to 15:49:52 and from 15:54:58 to 16:20:02.	moon calibration data gap
24/12/2022	Missing frames	x		Missing frames due to RFI with ICEYE-X19: Product sensing impacted from 11:42:52 to 11:45:52	missing data frame isp RFI
26/12/2022	Missing frames	x		Missing frames due to RFI with SUPERVIEW-1: Product sensing impacted from 21:02:26 to 21:39:04	missing data frame isp RFI

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
19/01/2021	Missing frames		x	Missing frames due to RFI with SAOCOM 1-A: Product sensing times impacted from 00:06:39 to 00:50:30	missing data frame isp RFI
20/01/2021	Missing frames	x		Product degraded due to CGS-PDGS connectivity issue: Product sensing times impacted from 18:50:40 to 19:14:02	missing data frame signal problem
21/01/2021	Missing frames	x		Missing data on camera 1 due to transferring problem between ACQ to PUP3: Product sensing times impacted from 06:57:57 to 07:03:57	missing frame isp PDGS issue
23/01/2021	Missing frames		x	Missing frames due to RFI with S/C JILIN-01-09: Product sensing times impacted from 20:56:00 to 20:58:13	missing data frame signal isp RFI
25/01/2021	Missing frames		x	Missing frames due to RFI with S/C LEMUR-2-SUSURRUS: Product sensing times impacted from 11:14:41 to 11:17:17:41	missing data frame isp RFI
26/01/2021	Missing frames		x	Missing frames du to RFI with SKYSAT C9: Product sensing times impacted from 00:33:35 to 00:36:35	missing data frame isp RFI
FEBRUARY					
11/02/2021	Data gap	x		Data gap due to antenna issue: Products sensing times impacted from 13:18:23 to 15:56:35	data gap
16/02/2021	Missing frames	x		Missing frame due to RFI with Whiteney-2: Products sensig time impacted from 15:26:04 to 16:09:50	missing data frame isp RFI
17/02/2021	Missing frames	x		Missing frame due to RFI with SUPERVIEW-1: Products sensig time impacted from 09:56:50 to 10:40:36	missing data frame isp RFI
18/02/2021	Missing frames		x	Missing data on camera 1 due to transferring problem between ACQ to PUP3: Product sensing times impacted from 07:10:05 to 07:53:51	missing frame isp PDGS issue
19/02/2021	Missing frames	x		Missing frame due to RFI Superview-1 01: Products sensing time impacted from 20:51:05 to 21:34:51	missing data frame isp RFI
20/02/2021- 21/02/2021	Missing frames	x		Missing frame due to RFI SKYSAT C6: Products sensing time impacted from 23:46:44 to 00:30:31	missing data frame isp RFI
24/02/2021	Missing frames		x	Missing frame due to PDGS transferring issue: Product sensing time impacted from 09:56:10 to 09:57:46	missing data frame isp PDGS issue
26/02/2021	Missing frames	x		Missing frame due to RFI from SUPERVIEW-1 04: Product sensing time impacted from 11:18:14 to 11:24:14	missing data frame isp RFI
28/02/2021	Missing frames	x		Missing frame due to RFI from Hawk-C: Product sensing time impacted from 10:31:52 to 10:34:52	missing data frame isp RFI
MARCH					
01/03/2021	Missing frames	x		Missing frame due to RFI from ICEYE-X6: Product sensing time impacted from 05:11:43 to 05:15:08	missing data frame isp RFI
05/03/2021	Data gap	x		OLCI VAM instrument anomaly (re-occurrence of AR 5639 - 29/05/2019 to 31/05/2019): Data gap covering sensing time L1/2: 20210305 from 00:17:48 to 16:23:44 (NTC) Data gap covering sensing time L1/2: 20210305 from 00:17:48 to 16:23:44 (NRT)	instrument error (VAM anomaly) data gap
07/03/2021	Missing frames	x		Missing frame due to RFI with Superview-1 04: Products sensing time impacted from 12:40:32 to 12:43:32	missing data frame isp RFI
10/03/2021	Missing frames	x		Missing frames due to RFI with GOSAT (IBUKI): Products sensing time impacted from 12:41:09 to 12:44:58	missing data frame isp RFI

Date	Event			Description	Keywords
14/03/2021	Missing frames	x		Missing frames due to RFI with SAR LUPE 1: Products sensing time impacted from 21:11:09 to 21:46:09	missing data frame isp RFI
15/03/2021	Missing frames		x	Missing frames due to RFI with HAWK-C: Products sensing time impacted from 09:51:40 to 09:54:40	missing data frame isp RFI
20/03/2021	Missing frames	x		Missing frame due to RFI with Superview-1 02: Products sensing time impacted from 20:04:54 to 20:07:54	missing frames isp RFI
21/03/2021	Missing frames	x		Missing frame due to RFI with ICEYE-X8: Products sensing time impacted from 16:15:54 to 16:18:54	missing frames isp RFI
27/03/2021	Missing frames	x		Missing frames due to PDHU dump anomaly: Products sensing time impacted from 20:30:44 to 20:30:46	PDHU dump anomaly missing frames
30/03/2021	Data gap	x		Data gap due to S09 calibration: Products sensing time impacted from 09:03:59 to 09:05:59	data gap S09 calibration
APRIL					
02/04/2021	Missing frames		x	Missing frame due to RFI with Skysat C10: Products sensing time impacted from 23:53:13 to 23:56:13	missing frame isp RFI
06/04/2021	Missing frames	x		Missing frame due to RFI with GOSAT IBUKI: Product sensing time impacted from 12:36:02 to 12:39:02	missing frame isp RFI
09/04/2021	Data gap		x	Data gap due to S09 calibration: Products sensing time impacted from 09:05:59 to 09:07:07	data gap S09 calibration
10/04/2021	Missing NAVATT	x		Discarded NAVATT due to CGS connectivity issue Product sensing times affected from 09:02:15 to 09:45:54.	discarded NAVATT
15/04/2021	missing frames	x		Missing frame due to RFI with JILIN-01 KUANFU 01: Products sensing time impacted from 08:43:26 to 08:46:26	missing frame isp RFI
21/04/2021	missing frames	x		Missing frame due to RFI with Skysat C4: Products sensing time impacted from 10:56:31 to 11:00:19	missing frame isp RFI
23/04/2021	missing frames	x		Missing frame due to PDHU dump anomaly: Products sensing time impacted from 03:33:00 to 03:36:00	PDHU dump anomaly missing frames
MAY					
09/05/2021	missing frames		x	Missing frame due to RFI with ICEYE-X2/DMC 2: Products sensing time impacted from 19:22:26 to 19:25:26	missing frame isp RFI
10/05/2021 11/05/2021	Data gap	x	x	S3A Gaps: - 2021/05/10 16:49:39 to 2021/05/11 07:17:26 14h - 2021/05/11 14:42:24 to 2021/05/11 19:00:58 4h S3B Gaps: - 2021/05/10 17:51:07 to 2021/05/11 06:34:35 12h	PDGS, data gaps
18/05/2021	missing frames	x		Missing frame due to RFI with SKYSAT C11: Products sensing time impacted 00:54_25	missing frame isp RFI
19/05/2021	missing frames	x		Missing frame due to RFI with Whitney-2: Products sensing time impacted 00:54_25	missing frame isp RFI
23/05/2021	missing frames	x		Missing frame due to RFI with JILIN-01-09: Products sensing time impacted from 22:32:19 to 22:36:53	missing frame isp RFI
29/05/2021	missing frames		x	Missing frame due to RFI with SkySat-C11: Products sensing time impacted from 00:29:55 to 00:35:55	missing frame isp RFI
JUNE					
02/06/2021	missing frames	x		Missing frame due to RFI with SKYSAT-C7: Products sensing time impacted from 11:08:33 to 11:11:33	missing frame isp RFI
15/06/2021	Missing frames	x	x	S3A: Missing frame due to RFI with ALOS-2: Products sensing time impacted from 14:14:08 to 14:17:08	missing frame isp RFI

Date	Event			Description	Keywords
15/06/2021	Missing frames	x	x	S3B: Missing frame due to RFI with CICERO-8: Products sensing time impacted from 21:41:40 to 21:44:40	missing frame isp RFI
23/06/2021	Missing frames	x		Missing frame due to RFI with SKYSAT C2: Products sensing time impacted from 07:31:43 to 07:34:43	missing frame isp RFI
26/06/2021	Missing frames	x		Missing frame due to RFI with SUPERVIEW-1: Products sensing time impacted from 21:04:04 to 21:07:04	missing frame isp RFI
27/06/2021	Missing frames		x	Missing frame due to PDHU dump anomaly reoccurrence: Products sensing time impacted from 15:22:31 to 15:23:38	missing frame PDHU dump anomaly
29/06/2021	Missing frames	x		Missing frame due to RFI with Terra: Product sensing time impacted from 23:30:40 to 23:33:40	missing frame isp RFI
30/06/2021	Missing frames	x		Missing frame due to RFI with Capella-1 Whitney: Product sensing time impacted from 07:41:25 to 07:44:25	missing frame isp RFI
JULY					
02/07/2021	missing frames	x		Missing frame due to RFI with Skysat-C1: Product sensing time impacted from 09:59:02 to 10:02:02	missing frame isp RFI
06/07/2021	missing frames	x		Missing frame due to PDGS circulation issue: Product sensing time impacted from 18:17:14 to 18:29:14	PDGS circulation
09/07/2021	missing frames	x		Missing frame due to PDGS circulation issue: Product sensing time impacted from 12:22:43 to 12:25:43	PDGS circulation
12/07/2021	missing frames	x		Missing frame due to RFI with Skysat: Product sensing time impacted from 09:02:11 to 09:05:11 Missing frame due to RFI with SAOCOM-1A: Product sensing time impacted from 15:34:08 to 15:37:08	missing frame isp RFI
13/07/2021	missing frames	x		Missing frame due to RFI with Skysat: Product sensing time impacted from 00:05:04 to 00:11:04	missing frame isp RFI
14/07/2021 & 15/07/2021	missing frames/NAVATT and data gap	x	x	PDGS circulation issues: S3A missing frames: - 21:28:43 to 21:36:44 - 01:02:41 to 01:08:41 - 04:36:40 to 04:44:41 - 05:50:59 to 06:02:24 - 06:17:39 to 06:20:39 S3A discarded NAVATTs: 02:26:00 to 03:09:12 S3A gap: - L1/L2 FR & L1 RR: 20210715 20210715 04:44:41 04:46:38 117" S3B missing frames: - 01:58:17 to 02:04:17 - 03:28:34 to 03:54:31 - 05:11:01 to 05:16:01	PDGS circulation
16/07/2021	Data gap/missing frame	x		Data gap due to S09 calibration from 09:04:24 to 09:05:33 RR products generated with gap from 08:42:41 to 09:27:01	data gap, RR gap, S09 calibration
19/07/2021	missing frames	x		Missing frame due to RFI with SKYSAT 1: Product sensing time impacted from 11:10:52 to 11:13:52	missing frame isp RFI
22/07/2021	missing frames	x		Missing frames due to RFI with Terra: Product sensing time impacted from 01:06:23 to 01:09:23	missing frame isp RFI

Date	Type			Description	Keywords
26/07/2021	Data gap/missing frame		x	Data gap due to S09 calibration from 09:06:19 to 09:07:19 RR products generated with gap from 08:45:01 to 09:29:19	data gap, RR gap, S09 calibration
AUGUST					
17/08/2021	missing frames	x		Missing frames due to RFI with Terra: Product sensing time impacted from 10:06:26 to 11:09:26	missing frames isp RFI
19/08/2021	missing frames		x	Missing frames due to RFI with SUPERVIEW-1: Product sensing time impacted from 20:30:42 to 20:33:42	missing frames isp RFI
20/08/2021	missing frames	x		Missing frame due to PDHU dump anomaly reoccurrence: Products sensing time impacted from 12:00:52 to 12:03:52	missing frame PDHU dump anomaly
22/08/2021	missing frames	x		Missing frames due to RFI with Sentinel-6: Product sensing time impacted from 10:06:26 to 11:09:26	missing frames isp RFI
SEPTEMBER					
08/09/2021	missing frames	x		Missing frames due to RFI with NUSAT-13: Products sensing time impacted from 19:1016 to 19:13:16	missing frames isp RFI
14/09/2021	missing frames	x		Missing frames due to RFI with Capella-4 Withney: Products sensing time impacted from 08:02:16 to 08:05:16	missing frames isp RFI
16/09/2021	missing frames	x		Missing frames due to RFI with Terra: Products sensing time impacted from 01:57:07 to 01:57:56	missing frames isp RFI
18/09/2021	missing frames		x	Missing frames due PDHU dump anomaly reoccurrence: Products sensing time impacted from 22:52:05 to 22:55:05 & 00:42:04 to 00:43:50	missing frame PDHU dump anomaly
18/09/2021	missing frames	x		Missing frames due to RFI with Lemur 2 RDEATON: Product sensing times impacted from 08:07:32 to 08:10:32	missing frames isp RFI
19/09/2021	missing frames	x		Missing frames due to RFI with Terra: Product sensing times impacted from 09:04:20 to 09:07:20	missing frames isp RFI
22/09/2021	missing frames		x	Missing frames due to RFI with Skysat-C5: Products sensing times impacted from 09:02:27 to 09:05:27	missing frames isp RFI
23/09/2021	missing frames		x	Missing frames due to RFI with Meteor M2: Products sensing times impacted from 05:05:17 to 05:08:17	missing frames isp RFI
OCTOBER					
07/10/2021	missing frames	x		Missing frames due to RFI with Superview-1: Product sensing time impacted from 11:43:01 to 11:46:01	missing frames isp RFI
27/10/2021	missing frames		x	Missing frames due to re-occurrence VAM anomaly: Products sensing times impacted from 02:00:03 to 11:09:18	instrument error (VAM anomaly) missing frames
31/10/2021	missing frames	x		Missing frames due to RFI with SKYSAT C11: Product sensing time impacted from 23:07:28 to 23:10:28	missing frames isp RFI
NOVEMBER					
01/11/2021	data gap/missing frames		x	Data gaps due to RFI with unknow source: Data gaps from 01:56:03 to 01:59:11 RR products generated with gap from 01:56:15 to 01:59:11	missing frames data gaps isp RFI
01/11/2021	missing frames	x		Missing frames due to predicted S09 calibration: Products sensing time impacted from 09:01:23 to 09:07:23	missing frames S09 calibration
02/11/2021	missing frames	x		missing frames due to RFI with SKYSAT C7: Products sensing time impacted from 22:24:06 to 22:27:06	missing frames isp RFI
03/11/2021	missing frames		x	missing frames due to RFI with Capella 5: Products sensing time impacted from 12:29:36 to 12:32:36	missing frames isp RFI
04/11/2021	missing frames		x	missing frames due to RFI with Gaofen 3: Products sensing time impacted from 02:18:30 to 02:21:30	missing frames isp RFI

09/11/2021	missing frames	x		missing frames due to RFI with Whiteney-2: Products sensing time impacted from 07:27:55 to 07:30:55	missing frames isp RFI
09/11/2021	missing frames	x		missing frames due to RFI with SKYSAT C7: Products sensing time impacted from 22:39:48 to 22:42:48	missing frames isp RFI
11/11/2021	data gap/missing frames		x	S09 OLCI Calibration impact: Data gaps from 09:06:07 to 09:07:16 Missing frames in with sensing from 09:07:16 to 09:09:09	gap and missing frames S09 calibration
18/11/2021	missing frames			missing frames due to issue in investigation: Products sensing time impacted from 19:27:47 to 19:30:47	missing frames isp
22/11/2021	missing frames			missing frames due to RFI with SKYMED 4: Products sensing time impacted from 14:54:55 to 15:00:27	missing frames isp RFI
DECEMBER					
05/12/2021	missing frames		x	missing frames due to RFI with SKYMED 2: Products sensing time impacted from 15:21:39 to 15:24:39	missing frames isp RFI
24/12/2021	missing frames	x		missing frames due to RFI with Superview-1: Products sensing time impacted from 09:30:33 to 09:33:33	missing frames isp RFI
29/12/2021	missing frames		x	missing frames due to RFI with Superview-1: Products sensing time impacted from 21:52:10 to 21:55:10	missing frames isp RFI
END					

		YEAR 2020			

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
05/01/2020	Missing frames		x	RFI from unknow spacecraft caused missing frames in OLCI . Products with sensing times affected from: 16:24:58 to 16:27:58.	missing data frame isp RFI
09/01/2020	Missing frames		x	Unknown source caused missing frames in OLCI (suspected RFI delegated to SVL). Products with sensing times affected from: 09:25:17 to 09:28:17.	missing data frame ISP
18/01/2020	Missing frames	x		Missing data and gap due to PDHU dump anomaly. Missing frames impact: from 16:09:55 to 16:12:06 Temporary data gap at NTC from 16:53:47 to 19:31:53 for L1 & L2 products. All gaps were recovered	PDHU dump anomaly missing frames
21/01/2020	Missing frames		x	Missing frames due to RFI with S1B Product sensing times affected from 09:17:02 to 09:20:02	missing data frame isp RFI
23/01/2020	Missing frames (expected)	x		S09 Calibration caused missing frames but not data gap; product sensing times impacted: Product sensing times impacted: 09:01:15 to 09:07:15 Invalid frames from: 09:04:12 to 09:05:21 (actual calibration impact)	missing data frame ISP S09 calibration
FEBRUARY					
02/02/2020	Data gap		x	Data gap at NRT & NTC due to S09 calibration: NRT Gap from 09:05:46-09:06:54 NTC Gap from 09:05:46-09:06:54	Data gap S09 calibration
09/02/2020	Missing frames		x	Missing frames due to RFI with SKYSAT-C1. Product sensing times affected from 19:54:25 to 19:57:25.	missing data frame isp RFI
23/02/2020	Missing frames		x	Missing frames due to RFI with GCOM-C1 Product sensing times affected from 04:49:58 to 04:52:58.	missing data frame isp RFI
17/02/2020- 24/02/2020	Extra data acquisition	x		OLCI twilight test: **to be updated potentially** Extra data received for twilight orbit extensions on 17.02.2020, 20.02.2020 & 24.02.2020 Some NTC data outside of normal acquisition is yet to be recovered as per LOME ticket. Gap for 17th from 17:10:33 to 17:13:33 Gap for 20th from 17:32:59 - 17:35:59 Gaps for 24th: 20945 15:51:15 - 15:58:02, 20946 17:32:15 - 17:39:00, 20947 19:13:14 - 19:19:59	extra data data gap
28/02/2020	Missing frames	x		Missing frames due to RFI with Radarsat-2 Product sensing times affected from 03:30:36 to 03:33:36.	missing data frame isp RFI
27/02/2020- 28/02/2020	Missing frames Data Gap	x	x	Degraded data and gaps due to poor X-band signal for the following times: S3A - (27th 22:18:39 to 22:21:09, 22:46:44 to 22:48:39) and (28th 00:03:40 to 00:05:38) S3B - (27th 21:42:07 to 21:48:41 and 22:00:20 to 22:06:07) Gaps are present for the following times below: S3A from (27th 22:21:09 to 22:46:44, 22:56:09 to 00:03:40) and (28th 03:59:05 to 05:18:17) S3B from (27th 21:48:41 to 22:00:20 and 22:16:37 to 00:54:46)	missing data data gap signal loss
MARCH					
03/03/2020	Missing frames	x		Missing frames due to RFI with APRIZESAT 7. Product sensing times affected from 13:53:47 to 13:59:47.	missing data frame isp RFI
13/03/2020	Missing frames	x		Missing frames detected, cause RFI. Product sensing times affected from 15:42:54 to 15:45:54.	missing data frame isp RFI

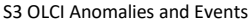| Date	Event			Description	Category
16/03/2020	Missing frames	x		Missing frames detected, cause RFI. Product sensing times affected from 15:42:54 to 15:45:54.	missing data frame isp RFI
22/03/2020	Missing frames	x		Missing frames detected, cause RFI with ALOS-2. Product sensing times affected from 10:00:19 to 10:03:19.	missing data frame isp RFI
23/03/2020	Missing frames Data Gap	x		Missing frames detected, cause snow on radome. Product sensing times affected from 09:46:08 to 09:52:08. Data gap from 09:49:18 to 09:50:15.	missing data frame isp CGS issue
24/03/2020	Missing frames Data Gap		x	Missing frames detected, cause RFI with S2B. Product sensing times affected from 00:29:18 to 00:30:30. Data gap from 00:25:25 to 00:29:18 .	missing data frame isp RFI data gap
APRIL					
05/04/2020	Missing frames	x		Missing frames detected for OLCI, due to RFI. Product sensing times affected from 12:30:45 to 12:33:45.	missing data frame isp
13-14/04/2020	Data gap		x	CGS issue caused: Data gap from 22:18:48 to 00:56:33.	data gap
14/04/2020	Data gap missing NAVATT	x		CGS issue caused: Data gap from05:00:00 to 06:45:00 Discarded NAVATTS for RO 120	data gap missing NAVATTS
14/04/2020	Missing frames Data Gap		x	Missing frames related to CGS issue: Product sensing times affected from 02:40:36 to 02:45:46. Data gap present from 02:45:46 to 04:18:31	missing data frame isp RFI data gap
19/04/2020	Missing frames		x	Missing frames due to RFI with PH1B I: Product sensing times impacted from: 14:30:36 to 14:33:36	missing data frame isp RFI
21/04/2020	Missing frames	x		Missing frames due to RFI with Pleiades 1B: Product sensing times impacted from: 12:21:50 to 12:24:50	missing data frame isp RFI
30/04/2020	Missing frames	x		Missing frames due to RFI with ICEYE-X2: Product sensing times impacted from: 19:58:07 to 20:04:07	missing data frame isp RFI
MAY					
10/05/2020	Data gap	x		Data gap due to an S09 calibration. Gap present at all EFR levels from 09:04:20 to 09:05:28 68. ERR not impacted except for discontinuity.	missing data frame ISP S09 calibration
20/05/2020	Data gap		x	Data gap due to an S09 calibration. Gap present at all EFR levels from 09:05:56 to 09:07:04. ERR not impacted except for discontinuity.	missing data frame ISP S09 calibration
22/05/2020	Missing frames	x		Missing frames due to RFI with Pleiades 1B: Product sensing times impacted from: 23:53:01 to 23:56:01	missing data frame isp RFI
JUNE					
03/06/2020	Missing frames		x	Missing frames due to CGS issue Product sensing times affected from 16:05:24 to 16:06:20.	missing data frame isp
11/06/2020	Missing frames	x		Missing frames due to RFI from GCOM-C. Product sensing times affected from 01:44:28 to 01:50:28	missing data frame isp RFI
15/05/2020	Data gap missing NAVATT	x		Products missing navatts impacted between 16:34:05 to 16:37:36 (NRT only so far) Gap reduced to 1 NTC pdu from 16:33:22 to 16:34:05.	data gap missing NAVATTS
JULY					
04/07/2020	Missing frames	x		Missing frames NT and (discarded Navatts NRT only) due to Lunar observation. Product sensing times for missing frames affected from 16:40:56 to 16:42:06.	missing data frame discarded navatts
14/07/2020	Missing frames		x	Missing frames caused by processing issue related to badly selected granules. Product sensing times affected from 08:54:52 to 09:00:52.	missing data frame processing

19/07/2020	Missing frames		x	Missing frames due to RFI from FLOCK 3P. Product sensing times affected from 18:00:52 to 18:03:52.	missing data frame isp RFI
23/07/2020	Missing frames		x	Missing frames due to RFI from PLEIADES. Product sensing times affected from 01:04:15 to 01:07:15	missing data frame isp RFI
AUGUST					
02/08/2020	Missing frames	x		Missing frames due to RFI. Product sensing times affected from 17:33:42 to 17:36:42	missing data frame isp RFI
04/08/2020	Missing frames	x		Missing frames due to RFI. Product sensing times affected from 23:37:17 to 23:40:17	missing data frame isp RFI
08/08/2020	Missing frames	x		Missing frames due to RFI with SUPERVIEW-1. Product sensing times affected from 11:58:38 to 12:01:38.	missing data frame isp RFI
09/08/2020	Missing NAVATT		x	PDGS processing issue caused missing Navatts in NTC products Discarded NAVATTS impacting from 09/08/2020 07:07:46 to 07:49:15	data gaps discarded navatts
10/08/2020	Missing NAVATT	x		PDGS processing issue caused missing Navatts in NTC products Discarded NAVATTS impacting from 10/08/2020 07:21:05 to 08:02:35	data gaps discarded navatts
10/08/2020	Missing frames		x	Missing frames due to RFI with CFOSAT. Product sensing times affected from 06:43:53 to 06:46:53.	missing data frame isp RFI
17/08/2020	Missing frames	x		Missing frames due to RFI Product sensing times affected from 09:31:58 to 09:34:58.	missing data frame isp RFI
26/08/2020	Data gap	x		Expected data gap due to an S09 planned calibration. Gap is observed from 09:04:15 to 09:05:23.	data gap S09 calibration
26/08/2020	Missing frames		x	Missing frames due to RFI. Product sensing times affected from 18:30:49 to 18:33:49.	missing data frame isp RFI
31/08/2020	Missing frames	x		Missing frames - cause not identified yet. Product sensing times affected from 16:50:17 to 16:53:17.	missing data frame isp
SEPTEMBER					
02/09/2020	Missing frames	x		Missing frames due to RFI Product including sensing period from 12:35:56 to 12:38:56 are affected by the issue	missing data frame isp RFI
05/09/2020	Data gap		x	Expected data gap due to a planned calibration. Gap is observed from 09:06:00 to 09:07:08	data gap calibration S09 S03 S02
10/09/2020	Missing frames	x		Missing frames due to RFI Product including sensing period from 07:28:31 to 07:31:31 are affected by the issue	missing data frame isp RFI
16/09/2020	Missing frames	x		Missing frames due to RFI Product including sensing period from 14:48:21 to 14:51:21 are affected by the issue	missing data frame isp RFI
16/09/2020	Missing frames Data gap		x	Missing frames for S3B: Product sensing times affected from 05:43:14 to 05:50:00. Gap is observed for NRT only of 98s due to shorter NR product durations; NTC gap resolved fully except for final orbit PDUs.	missing data frame Data gap
21/09/2020	Missing frames		x	Missing frames due to RFI Product including sensing period from 20:31:57 to 20:34:57 are affected by the issue	missing data frame isp RFI
22/09/2020	Missing frames	x		Missing frames due to RFI Product including sensing period from 10:33:18 to 10:36:18 are affected by the issue	missing data frame isp RFI
25/09/2020	Missing frames	x		Missing frames due to circulation issue: Product sensing times impacted from 10:53:07 to 11:22:44	missing data frame

28/09/2020	Missing frames	x	x	Missing frames due to circulation issue (as above but for 28th): S3A Product sensing times impacted from 06:15:13 to 06:51:13 S3B Product sensing times impacted from 12:28:42 to 12:34:42	missing data frame
OCTOBER					
05/10/2020	Missing frames		x	Missing frames due to RFI: Product sensing times impacted from 00:54:28 to 01:00:28	missing data frame isp RFI
06-07/10/2020	Missing frames	x	x	Missing frames due to PDGS circulation issues: S3A orbits ----------- 06/10/2020 24151 from 11:19:43 - 11:22:43 24155 from 18:15:40 - 18:18:40 07/10/2020 24162 from 05:53:34 - 05:59:34 24166 from 12:34:31 - 12:37:31 24168 from 15:50:29 - 15:53:29 S3B orbits ----------- 07/10/2020 12768 from 05:02:03 - 05:05:03 12778 from 21:51:56 - 21:57:56	missing data frame
09/10/2020	Missing frames	x		Missing frames due to a sporadic PDGS circulation issue: Product sensing times impacted from 08:53:11 to 08:54:32	missing data frame
10/10/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 16:15:56 to 16:18:56	missing data frame isp RFI
20/10/2020	Missing frames		x	Missing frames due to RFI: Product sensing times impacted from 09:30:40 to 09:33:40	missing data frame isp RFI
21/10/2020	Missing frames		x	Missing frames due to RFI: Product sensing times impacted from 12:32:28 to 12:35:28	missing data frame isp RFI
NOVEMBER					
01/11/2020	Missing frames Data Gap	x		Missing frames due to RFI: Product sensing times impacted from 10:34:54 to 10:36:52 Data gap from 10:36:52 to 10:37:49 as result of RFI too.	missing data frame isp RFI data gap
05/11/2020	Missing frames		x	Missing frames due to PDHU anomaly Product sensing times affected from: RO 202 - 00:50:49 to 00:53:49 RO 203 - 03:13:48 to 03:15:07	PDHU dump anomaly missing frames
08/11/2020	Missing frames		x	Missing frames due to RFI: Product sensing times impacted from 01:37:16 to 01:40:10	missing data frame isp RFI
08/11/2020	Data Gap	x		Data gap due to antenna issue: from 00:55:15 to 03:32:57	Data Gap
08/11/2020	Data Gap		x	Data gap due to antenna issue: from 01:40:10 to 04:34:33	Data Gap
10/11/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 22:59:07 to 23:02:07	missing data frame isp RFI
17/11/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 08:03:00 to 08:05:55	missing data frame isp RFI
23/11/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 20:37:41 to 20:40:41	missing data frame isp RFI

Date	Event			Description	Comment
27/11/2020	Missing frames		x	Missing frames due to RFI: Product sensing times impacted from 14:49:27 to 14:51:39	missing data frame isp RFI
DECEMBER					
05/12/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 08:57:31 to 09:00:31	missing data frame isp RFI
06/12/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 14:57:17 to 15:00:17	missing data frame isp RFI
11/12/2020	Missing frames		x	Missing frames due to RFI: Product sensing times impacted from 20:53:00 to 20:56:00	missing data frame isp RFI
12/12/2020	Missing frames	x		Missing frames due to RFI: Product sensing times impacted from 22:47:07 to 22:50:07	missing data frame isp RFI
12/12/2020	Data Gap	x		Data gap at NRT & NTC due to S09 calibration: NRT/NTC Gap from 09:04:11 to 09:05:19	missing data frame ISP S09 calibration
22/12/2020	Data Gap		x	Data gap at NRT & NTC due to S09 calibration: NRT/NTC Gap from 09:06:00 to 09:07:09	missing data frame ISP S09 calibration

	YEAR 2019				

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
01/01/2019	Missing frames	x		Missing frames due to RFI. Products including sensing period from 16:22:15 to 16:24:15 are affected	missing data frame isp RFI
04/01/2019	Data gap & Missing frames	x		Unstable signal caused uncorrectable frames. Products including sensing period from 04:57:18 to 05:15:18 are missing or degraded by missing frames	missing frame isp data gap svalbard
04/01/2019	Data gap & Missing frames		x	Sequencing errors and uncorrectable frames due to drop in signal. Products including sensing periods from 05:56:12 to 06:02:27 and from 06:22:14 to 07:32:15 are either missing or containing missing frames	missing frame isp data gap svalbard
05/01/2019	Missing frames	x		RFI from SuperView Products including sensing period from 20:04:01 to 20:07:01 are affected by missing frames	missing data frame isp RFI
05/01/2019	Data gap		x	Data gap from 21:17:52 to 23:55:53 No signal received due to antenna issue	missing frame isp data gap antenna
06/01/2019	Data gap		x	Data gap from 02:20:49 to 04:58:50 No signal received due to antenna issue	missing frame isp data gap antenna
20/01/2019	Missing frames		x	A few missing frames due to RFI FR products including sensing period from 07:21:50 to 07:24:50 are affected	missing data frame isp RFI
21/01/2019	Missing frames	x		A few missing frames due to RFI FR products including sensing period from 09:10:46 to 09:12:44 are affected	missing data frame isp RFI
29/01/2019	Missing frames	x		A band of about one hundred frames is missing due to RFI Products including sensing period from 07:25:39 to 07:27:39 are affected	missing data frame isp RFI
FEBRUARY					
06/02/2019	Missing frames		x	A few frames missing due to RFI FR products including sensing period from 09:59:51 to 10:01:51 are affected	missing data frame isp RFI
15/02/2019	Missing frames		x	A few frames missing due to RFI FR products including sensing period from 23:23:54 to 23:26:54 are affected	missing data frame isp RFI
17/02/2019	Missing frames		x	A few frames missing due to RFI FR products including sensing period from 20:33:27 to 20:35:27 are affected	missing data frame isp RFI
MARCH					
05/03/2019	Data gap (expected)	x		Due to instrument calibration, a gap is observed from 09:04:09 to 09:05:17	Instrument calibration data gap
05/03/2019	Missing frames	x		Missing frames due to RFI. FR L1-2 products including sensing period from 17:32:07 to 17:35:07 include one missing frame	missing data frame isp RFI
07/03/2019	Missing frames		x	Missing frames due to RFI Products including sensing period from 09:04:22 09:07:22 are affected	missing data frame isp RFI
09/03/2019	Data gap		x	Data gap from 05:29:21 to 08:07:27 No signal received due to antenna issue	missing frame isp data gap antenna

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
10/03/2019	Missing frames	x		Products including sensing period from 08:21:41 to 08:23:41 are affected by a large band of missing frames RFI with another spacecraft	missing data frame isp RFI
15/03/2019	Data gap (expected)		x	Due to instrument calibration, a gap is observed from about 09:05:31 to 09:08:00 depending on the product level	Instrument calibration data gap
APRIL					
05/04/2019	Data gap & Missing frames	x		Data gap from beginning of orbit, duration approx 537 seconds & missing frames. Partial data loss due to backend problems at the beginning of the pass.	missing data frame isp RFI
08/04/2019	Missing frames		x	Missing data detected for all product levels. Possible RFI from SKYMED4 at 16:47:33 and ALOS-2 16:52:54.	missing data frame isp RFI
17/04/2019	Missing frames	x		Missing frames due to RFI with SUPERVIEW-1. FR products including sensing period from 20:33:14 to 20:36:14 are affected.	missing data frame isp RFI
19/04/2019	Missing frames		x	Missing frames due to RFI from Asnaro-2 Products including sensing period from 07:05:28 to 07:08:28 are affected	missing data frame isp RFI
29/04/2019	Data gap	x		Data gap from 14:05:51 to 16:43:30 No data received during downlink	no data downlink svl
30/04/2019	Missing frames	x		Missing frames due to predicted RFI from Alos 2. Products including sensing period from 16:57:52 to 17:00:52 are affected	missing data frame isp RFI
MAY					
02/05/2019	Missing frames		x	Missing frames due to predicted RFI from Meteor M2 at 03:01:25utc.	missing data frame isp RFI
02/05/2019	Missing frames	x		Missing frames due to RFI, reported in CAMS, most likely RFI from Terra	missing data frame isp RFI
07/05/2019	Missing frames	x		Missing frames due to RFI, reported in CAMS Products including sensing period from 11:52:37 to 11:57:37 are affected	missing data frame isp RFI
24/05/2019	Missing frames		x	Sequence errors Products including sensing period from 00:13:58 to 00:19:58 are affected by missing frames	missing data frame sequencing error
28/05/2019	Missing frames	x		Missing frames due to RFI (Landsat 7), reported in CAMS. Products that include the sensing period 09:20:45 to 09:23:45 are affected by missing frames.	missing data frame isp RFI
29/05/2019-31/05/2019	Data gap & Missing frames		x	Instrument error causing processing error due to data content (ground segment anomaly) Data gap covering sensing time L1/2: 20190529 13:46:40 to 20190531 12:21:52 (NRT) Data gap covering sensing time L1/2: 20190529 15:20:50 to 20190531 12:21:52 (NTC) Missing frames seen on NRT (NTC not yet recieved, to be checked)	instrument error data gap missing frames
JUNE					
01/06/2019	Missing frames		x	Missing frames due to RFI, reported in CAMS. Affecting sensing times 09:01:24 09:04:24.	missing data frame isp RFI
09/06/2019	Missing frames	x		Sequencing errors, impacting all VCIDs due to RFI from SkyMed 2 Products including sensing periods from 17:31:27 to 17:34:27	missing data frame isp RFI

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
10/06/2019	Missing frames	x		Sequencing errors and uncorrectable frames RFI from GCOM-C1 Products including sensing periods from 12:05:18 to 12:08:18	missing data frame isp RFI
13/06/2019	Missing frames		x	Sequencing errors and uncorrectable frames due to station controller (SCC) connection lost. Products including sensing periods from 03:17:11 to 03:20:11.	missing frames isp
13/06/2019	Missing frames	x		Missing frames due to RFI with known spacecraft (TDX-1). Products including sensing periods from 10:43:45 to 10:46:45.	missing data frame isp RFI
14/06/2019	Missing frames	x		Missing frames due to RFI with the sun. Products including these sensing periods impacted from 09:03:35 to 09:06:35.	missing data frame isp RFI
21/06/2019	Data gap (expected)	x		Due to instrument calibration, a gap is observed from 09:04:09 to 09:05:17	Instrument calibration data gap (S09)
21/06/2019	Missing frames		x	Missing frames have been observed in OLCI S3B products due to known RFIs with FORMOSAT 3E and SUPERVIEW-1. Products including these sensing periods impacted from 11:46:38 to 11:49:38.	missing data frame isp RFI
28/06/2019	Missing frames		x	Missing data detected for all product levels on 28/06/2019 due to RFI with sun. Products including these sensing periods impacted from 09:01:23 to 09:04:23 and 12:02:21 to 12:05:21.	missing data frame isp RFI
JULY					
01/07/2019	Data gap (expected)		x	Due to instrument calibration, a gap is observed from 09:05:47 to 09:06:56 in OLCI products.	Instrument calibration data gap (S09)
05/07/2019	Missing frames		x	Missing frames due to an RFI. Products with sensing times covering 20:40:00 to 20:43:00 are degraded.	missing data frame isp RFI
08/07/2019	Missing frames	x		Missing frames due to an RFI. Products with sensing times covering 20:07:03 to 20:10:03 aredegraded	missing data frame isp RFI
08/07/2019	Data Gap	x		A data gap from 13:48:23 to 19:47:59 has been detected for OLCI products. Missing frames have been detected for orbit 17651 products covering sensing period 14:45:01 to 14:46:59 are affected. Product with discarded NAVATT. Reported antenna issue at SVL.	data gap missing data frames
16/07/2019	Missing frames	x		Missing frames detected, cause unknown to date (22.07.2019) Products affected covering sensing time 08:18:40 to 08:21:40.	missing data frame unknown source
16/07/2019	Missing frames	x		Missing frames detected, cause unknown to date (22.07.2019) Products affected covering sensing time 09:59:39 to 10:02:39	missing data frame unknown source
17/07/2019	Data Gap		x	Data gap from 19:19:25 to 21:57:04. Antenna did not track the pass due to switch between backup to prime SCC.	data gap
29/07/2019	Missing frames		x	Sequencing errors caused from unpredicted RFI from CFOSAT. Products affected cover sensing times: 10:05:40 to 10:08:40.	missing data frame isp RFI
30/07/2019	Missing frames		x	Missing frames caused by SCC hardware disconnection at pass setup. Products affected coversensing times: 23:16:23 to 23:45:45.	missing data frame SCC hardware disconnect
AUGUST					
07/08/2019	Missing frames	x		Missing frames due to an RFI with FORMOSAT-5. Products with sensing times covering 10:14:32 to 10:50:30 are degraded.	missing data frame isp RFI
23/08/2019	Missing frames		x	Missing frames due to an RFI with GCOM-C1. Products with sensing times covering 05:52:03 to 05:55:03 are degraded.	missing data frame isp RFI
SEPTEMBER					
01/09/2019	Missing frames		x	Missing frames due to an RFI with RE1. Products with sensing times covering 09:01:21 to 09:04:21 are degraded.	missing data frame isp RFI

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
04/09/2019	Missing frames Data Gap	x		Missing frames due to drop in signal strength caused by snow on radome. Products with sensing times covering 10:12:19 to 10:18:19 are degraded. A data gap is also present from 10:14:56 to 10:17:37.	missing data frame data gap
05/09/2019	Discarded Navatt Data Gap	x		Discarded NAVATT for products covering sensing times 07:36:01 to 08:20:09. Missing data for RO/034 & AO/18487 (in products) from 04:58:09 to 07:36:01 due to an antenna not running	discarded navatt data gap antenna
17/09/2019	Missing frames	x		Missing frames due to an RFI with SuperView-1. Products with sensing times covering 21:09:51 to 21:12:51 are degraded.	missing data frame isp RFI
26/09/2019	Data gap Missing frames		x	PDHU Memory Scrubbing activity impact Data gaps have been are observed on 26/09/2019 for NTC products covering periods: 08:13:20 - 11:19:22 3h 11:51:39 - 11:51:57 18" 13:28:28 - 13:32:55 4' Invalid products detected : 26/09/2019 from 20:23:38 to 20:26:19 27/09/2019 from 01:17:35 to 01:20:35	PDHU Memory Scrubbing activity
30/09/2019	Missing frames		x	Missing frames due to an RFI with SuperView-1. Products with sensing times covering 10:20:33 to 10:23:33 are degraded.	missing data frame isp RFI
OCTOBER					
07/10/2019	Missing frames		x	Cause as yet not identified - suspected to be antenna issue. Products with sensing times covering 10:08:39 to 10:11:39 are degraded.	missing data frame isp antenna
07/10/2019	Data gap (expected)	x		Due to instrument calibration a gap is detected from 09:04:14 to 09:05:23.	Instrument calibration data gap (S09)
12/10/2019	Missing frames	x		Sequence errors have caused missing frames, predicted RFI with GOSAT IBUKI. Products covering sensing times 03:18:43 to 03:22:23 are degraded.	missing data frame isp RFI
17/10/2019	Data gap (expected)		x	Due to instrument calibration a gap is detected from 09:05:41 to 09:07:41	Instrument calibration data gap (S09)
18/10/2019	Missing frames	x		Missing frames have been caused by an RFI with TERRA . Product sensing times affected are from 02:23:19 to 02:26:17.	missing data frame isp RFI
20/10/2019	Missing frames	x		Missing frames - cause was predicted RFI with Flock 4A. Product sensing times affected are from 17:00:48 to 17:03:48.	missing data frame isp RFI
30/10/2019	Data gap	x		Data gap caused by issue at ground segment level. Gap is present from 04:38:41 to 07:16:23.	data gap
31/10/2019	Missing frames		x	Missing frames have been caused by an RFI with SUPERVIEW-1. Product sensing times affected are from 09:34:13 to 09:37:13.	missing data frame isp RFI
NOVEMBER					
04/11/2019	Missing frames	x		Missing frames have been caused by an RFI with SUPERVIEW-1. Product sensing times affected are from 12:30:03 to 12:33:03.	missing data frame isp RFI
12/11/2019	Missing frames	x		Missing frames have been caused by an RFI with Landsat-7. Product sensing times affected are from 08:23:45 to 08:27:35.	missing data frame isp RFI
15/11/2019	Missing frames		x	Missing frames have been caused by an RFI with SKYMED 1. Product sensing times affected are from 14:48:26 to 14:51:26.	missing data frame isp RFI
18/11/2019	Missing frames		x	Missing frames have been caused by an RFI with TERRA. Product sensing times affected are from 01:45:59 to 01:48:59.	missing data frame isp RFI
20/11/2019	Missing frames		x	Missing frames detected, RFI with 0 CFOSAT. Products with sensing times affected are from 11:02:33 to 11:05:33.	missing data frame isp RFI

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
27/11/2019	Missing frames		x	Missing frames detected due to RFI collision with Terra Products with sensing times affected are from 23:17:10 to 23:23:10.	missing data frame isp RFI
DECEMBER					
02/12/2019	Missing frames	x		Missing frames diue to a reoccurrence of the PDHU Dump Error Anomaly. Products with sensing times affected are from 04:58:51 to 05:01:51.	PDHU Dump error anomaly
02/12/2019	Missing frames	x		Missing frames detected due to RFI with Skysat-A. Products with sensing times affected are from 23:20:42 to 23:26:42.	missing data frame isp RFI
03/12/2019	Missing frames		x	Missing frames detected for OLCI, cause reported as probable snow on radome Products with sensing times affected are from 10:49:09 to 10:52:09.	missing data frame
24/12/2019	Missing frames		x	Missing frames due to RFI with SUPERVIEW-1 Products with sensing times affected from: 21:33:10 to 22:06:50	missing data frame isp RFI

YEAR 2018					

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
01/01/2018	Data gap	x		Non generation of orbit 9760 due to an antenna issue at Svalbard No product(=data gap) from 02:52:58 to 05:30:57	Svalbard antenna missing orbit
FEBRUARY					
07/02/2018	Missing frames	x		Loss of transfer frames during downlink reported at SVL Products including sensing period from 14:35:26 to 14:38:26 are affected by missing frames.	missing data frames gap downlink
09/02/2018	Data gap	x		Two data gaps observed between 13:47:10 and 13:54:22 due to a ground segment anomaly	missing data gap ground segment
14/02/2018	Data gap (expected)	x		Due to instrument calibration, a gap is observed at the beginning of semi orbit, from about 09:49:35 to 09:50:47 Absolute orbit 10390	Instrument calibration data gap
15/02/2018	Missing frames	x		Loss of frames during downlink reported at SVL FR products including sensing period from 01:03:04 to 01:06:04 are affected by missing frames	missing data frames gap downlink
24/02/2018	Data gap & missing frames	x		Transfer frames loss during downlink reported at SVL Products including sensing period from 22:34:14 to 22:37:14 are affected by missing frames	missing data frames gap downlink
25/02/2018	Data gap & missing frames	x		Transfer frames loss during downlink reported at SVL Products including sensing period from 00:22:13 to 00:36:13 are affected by missing frames. The following products of the semi orbit are either inexisting or very degraded	missing data frames gap downlink
MARCH					
14/03/2018	Missing frames	x		Loss of transfer frames was reported on CAMS Products including sensing period from 01:03:04 to 01:04:51 are affected by missing data	missing data frames gap downlink
15/03/2018	Missing frames	x		Missing frames due to satellite RFI Products inclunding sensing period from 16:11:20 to 16:12:46 are affected	missing data frame isp RFI
17/03/2018	Data gap	x		No signal from spacecraft due to an antenna issue No data from 17/03/2018 13:00:06 to 17/03/2018T 14:39:45 = orbit 10834 missing	missing orbit data gap antenna
19/03/2018	Data gap (expected)	x		Data gap from 09:04:05 to 09:05:14 due to a planned instrument calibration	Instrument calibration data gap
APRIL					
22/04/2018	Data gap	x		Due to instrument calibration, a gap is observed from 09:04:09 to 09:05:17	missing data frame isp RFI
24/04/2018	Missing frames	x		Some missing frames for FR products due to antenna issue combined with RFI FR products including sensing period from 06:37:26 to 06:46:26 are affected by missing frames	missing data frame isp RFI

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
MAY					
08/05/2018	Missing frames	x		Missing frames for one granule due to a downlink issue Products including sensing period from 13:55:47 to 13:58:47 are affected by missing frames	missing data frames gap downlink
10/05/2018	Data gap		x	NRT products (NTC currently not available for verification) Granule from 08:53:24 to 08:55:41 shorter than expected and presenting missing frames The following products of the orbit are missing Loss of signal during downlink was reported	missing data frames gap downlink
18/05/2018	Missing frames	x		Missing frames including a large band of missing data for products including the following sensing period: 19:33:56 to 19:35:54 RFI reported on ARTS	missing data frames gap RFI
22/05/2018	Missing frames	x		FR products including sensing period from 02:40:57 to 02:55:16 are affected by missing frames Sequencing errors reported on ARTS	missing data frames gap sequencing
27/05/2018	Missing frames	x		FR products including sensing period from 08:57:18 to 09:00:18 are affected by missing frames	missing data frames gap RFI
28/05/2018	Missing frames	x		3 L1 FR granules are affected by missing frames located around L0 inputs transitions	L0 inputs transition missing frame data isp
JUNE					
02/06/2018	Missing frames	x		Most of OLCI products including the following sensing period are affected by missing frames: 08:07:12 to 08:40:12	missing data frame isp
05/06/2018	Missing frames		x	NRT products (NTC currently not available for verification) Two consecutive missing frames on camera 5 for FR products including sensing period from 17:27:09 to 17:28:33	missing data frame isp
08/06/2018	Data gap		x	No data acquired for orbits 618 and 619	data gap missing orbits
08/06/2018	Missing frames	x		Few missing frames affecting L1/2 FR products Products including the following sensing periods are affected: 01:59:08 to 02:08:08 ; 03:04:07 to 03:49:07 ; 05:24:06 to 05:27:06	missing data frame isp
08/06/2018	Data gap (expected)	x		OLCI data gap from 09:04:12 to 09:05:20 due to a planned instrument calibration (S09)	Instrument calibration data gap
09/06/2018	Missing frames	x		Few missing frames affecting L1/2 FR products Products including the following sensing periods are affected: 23:40:47 to 23:46:47 ; 23:49:47 to 23:52:47 ; 23:58:47 to 00:01:47	missing data frame isp
10/06/2018	Missing frames	x		Few missing frames affecting L1/2 FR products Products including the following sensing periods are affected: 00:00:00 to 00:09:14 ; 02:47:45 to 02:50:45 ; 23:23:36 to 23:32:36	missing data frame isp
11/06/2018	Missing frames	x		Few missing frames affecting L1/2 FR products Products including the following sensing periods are affected: 00:52:35 to 00:58:35 ; 01:07:35 to 01:10:35 ; 01:19:35 to 01:22:35	missing data frame isp
12/06/2018	Missing frames	x		Missing frames due to RFI Products including sensing period from 10:38:19 to 10:41:19 are affected by the issue	missing data frame isp RFI

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
19/06/2018	Missing frames	x		FR products including sensing period from 05:45:04 to 05:54:04 may be affected by missing frames	missing data frame isp
20/06/2018	Missing frames	x		Missing frames due to an RFI Products including sensing period from 23:49:44 to 23:52:44 are affected	missing data frame isp RFI
21/06/2018	Data gap / S3A OLCI camera 2 anomaly	x		OLCI VAM anomaly (re-occurrence of the AR 3798 – 16/10/2017, this time on camera 2) Data missing or degraded from 15:22:37	camera 2 VAM anomaly processing
22/06/2018	Data gap / S3A OLCI camera 2 anomaly	x		OLCI VAM anomaly (re-occurrence of the AR 3798 – 16/10/2017), this time on camera 2) Data missing or degraded until 09:31:15	camera 2 VAM anomaly processing
JULY					
02/07/2018	Missing frames	x		Two events leading to products including missing frames. Products including the following sensing periods are affected: 08:58:38 to 09:02:38 ; 13:35:36 to 13:44:36	missing data frame isp RFI
04/07/2018	Missing frames		x	Missing frames due to RFI with the sun. Products including these sensing periods impacted from 09:03:35 to 09:06:35.	Missing data frames L0 inputs transition
04/07/2018	Data gap	x		Antenna issue - no data available from about 22:30	Data gap antenna
05/07/2018	Missing frames	x		Antenna issue - no data available until about 00:15	Data gap antenna
13/07/2018	Data gap / S3A OLCI L2 camera anomaly	x		Re-occurrence of a known anomaly (DPM VAS error – VAM frame checksum error), this time on camera 5 No product available from 17:44:07	camera 5 VAM anomaly processing
14/07/2018	S3A OLCI VAM anomaly + recovery	x		Re-occurrence of a known anomaly (DPM VAS error – VAM frame checksum error), this time on camera 5 No product available until 09:59 (outage from 09:56 to 09:59:13 due to recovery operation) Note that due to the thermal impact of the recovery operations, there may be some degradation on L1/L2 products beyond this time until the FPA temperatures have stabilised. This is expected within 1 orbit	camera 5, VAM anomaly, processing
18/07/2018	Missing frames	x		Few missing frames due to processing issue FR products including sensing period from 13:50:38 to 13:52:25 are affected	Missing data frames L0 inputs transition
20/07/2018	Missing frames		x	Loss of frames during downlink affecting products sensed from 02:10:04 to 02:12:04	missing data frame isp svalbard
AUGUST					
03/08/2018	Missing frames	x		RFI reported causing missing frames Affected time range: 16:28:07 to 16:30:07	missing data frame isp RFI
18/08/2018	Missing frames		x	RFI reported Large band of missing data affecting products including sensing period from 06:27:59 to 06:29:59	missing data frame isp RFI
20/08/2018	Missing frames		x	Sequencing errors and uncorrectable frames Missing data affecting products sensed between 10:52:53 and 10:54:53	missing data frame isp
22/08/2018	Data gap	x		Antenna ground segment anomaly Data from 11:23 to 13:04 are unavailable	data gap svalbard
SEPTEMBER					

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	**S3B**		
06/09/2018	Missing frame	x		Few missing frames due to processing issue affecting FR products including sensing period from 05:32:30 to 05:35:30	L0 inputs transition missing frame data isp
16/09/2018	Missing frames		x	Loss of frames during the downlink affecting products sensed from 10:54:17 to 10:56:17	missing data frame downlink
23/09/2018	Missing frames		x	Loss of frames during the downlink affecting products sensed from 16:14:52 to 16:18:52	missing data frame downlink
24/09/2018	Missing frames	x		Loss of frames during the downlink affecting products sensed from 00:34:22 to 00:38:22	missing data frame downlink
24/09/2018	Data gap (expected)	x		OLCI data gap from 09:03:21 to 09:05:21 due to a planned instrument calibration	Instrument calibration data gap
OCTOBER					
13/10/2018	Missing frames		x	Loss of frames during the downlink affecting products sensed from 10:57:39 to 10:59:39	missing data frame downlink
26/10/2018	Missing frames	x		Loss of frames during the downlink orbit 14021 Products including the following sensing period range are affected: 23:46:13 to 23:50:13	missing data frame downlink
NOVEMBER					
02/11/2018	Missing frames		x	Loss of frames during the downlink orbit 2718 Two granules between 08:27:44 and 08:32:02 are affected	missing data frame downlink
03/11/2018	Missing frames	x		Loss of frames during the downlink orbit 14131 Products including the following sensing period are affected: 17:01:34 to 17:03:34	missing data frame downlink
09/11/2018	Missing frames		x	Loss of frames during the downlink orbit 2827 Products including sensing time from 23:58:29 are affected	missing data frame downlink
10/11/2018	Missing frames		x	Loss of frames during the downlink orbit 2827 Products including sensing time until 00:01:29 are affected	missing data frame downlink
13/11/2018	Camera blooming		x	A band on several pixels width having high values is observed due to camera blooming Products including sensing time from 00:25:55 to 00:28:55 are affected by the issue	Camera blooming
14/11/2018	Missing frames	x		Loss of frames during the downlink orbit 14279 Products including sensing period from 02:18:49 to 02:24:49 are affected	missing data frame downlink
17/11/2018	Missing frames	x		Loss of frames due to a RFI Products including sensing time from 20:54:07 20:57:07 are affected	missing data frame isp RFI
17/11/2018	Missing frames		x	Loss of frames during downlink reported at SVL FR products sensed from 17:05:49 to 17:08:49 are affected	missing data frame downlink
20/11/2018	Data gaps & Missing frames		x	Due to satellite manœuvre, many loss of frames and data gaps were observed from about 11:04 to 19:29	missing data frame isp manœuvre
23/11/2018	Data gaps & Missing frames		x	Due to satellite manœuvre, many loss of frames and data gaps were observed from about 00:46 to 09:02	missing data frame isp manœuvre
DECEMBRE					

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
01/12/2018	Data gap		x	S3B OLCI data gap from 04:25:01 to 04:27:01 following an acquisition issue	missing frame isp data gap svalbard
06/12/2018	Missing frames	x		Few missing frames due to processing issue affecting products including sensing period from 03:32:09 to 03:35:09	Missing data frames L0 inputs transition
06/12/2018	Missing frames	x		FR L1 and L2 products including one of the following sensing periods contain missing frames at L0 input granules transition: 04:17:41 to 04:20:41 ; 06:01:40 to 06:04:40 ; 07:36:39 to 07:39:39 ; 12:54:37 to 12:57:37 ; 14:26:36 to 14:29:36 ; 14:32:36 to 14:35:36	L0 inputs transition missing frame data isp
13/12/2018	Missing frames		x	A large band of missing data is observed on 13/12/2018 from approximatively 03:56:56 to 03:57:09	missing data frame downlink
28/12/2018	Data gap	x		No data acquired during downlink 14913 due to an antenna issue. Data gap from 11:59:09 to 14:37:06	missing data gap downlink antenna

				YEAR 2017	

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
JANUARY					
FEBRUARY					
01/02/2017	Missing frames	x		Missing frames on products due to RFI Products including sensing period from 14:55:43 to 14:57:43 are affected	missing frames gap RFI
MARCH					
APRIL					
10/04/2017	Missing frames	x		Missing frames on products due to RFI Products (FR and RR) including sensing period from 16:01:32 to 16:04:32 are affected	missing frames gap RFI
MAY					
07/05/2017	Missing frames	x		Loss of frames reported at SVL Products including sensing period from 10:25:35 to 10:28:35 are affected	Missig frames gap svalbard
26/05/2017	Data gap (expected)	x		OLCI data gap from 08:59:26 to 09:05:23 due to a planned instrument calibration	instrument calibration data gap
JUNE					
27/06/2017	Camera blooming	x		A band on several pixels width having high values is observed due to camera 5 blooming. Products including sensing period from 20170627T083109 to 20170627T083409 are affected	Camera 5 blooming
JULY					
06/07/2017	Missing frames	x		Dowlink issue at SVL leading to loss of frames Products including sensing period from 14:50:44 to 14:53:26 are affected by missing frames	Missing frames data gap downlink svalbard
30/07/2017	Camera blooming	x		Due to instrument calibration, a gap is observed from 09:04:09 to 09:05:17	Camera blooming
AUGUST					
15/08/2017	Data gap (expected)	x		OLCI data gap from 08:59:21 to 09:05:18 due to a planned instrument calibration	instrument calibration data gap
24/08/2017	Missing frames	x		Loss of transfer frame at Svalbard due to RFI Products including sensing period from 17:16:21 to 17:19:21 are affected by the missing frames	Missing frames gap RFI svalbard
SEPTEMBER					
01/09/2017	Data gap	x		Orbit 8026 missing due to an antenna issue No products available from about 13:53 to 16:32	Data gap missing orbit
11/09/2017	Missing frames	x		Loss of frames due to RFI Products including sensing period from 19:25:35 to 19:28:00 are affected	Missing frames gap RFI svalbard

Date(s)	Event	Satellite		Description / Impact	Key words
		S3A	S3B		
13/09/2017	Missing frames	x		Two consecutive frames missing for some cameras. Approximative time: 08:02:04	Missing frames gap
25/09/2017	Missing frames	x		Loss of frames at Svalbard Products including sensing period from 14:29:49 to 14:32:26 are affected	Missing frames data gap svalbard
OCTOBER					
19/04/2017	Missing frames		x	Missing frames due to RFI from Asnaro-2 S/C from/to 08:42:22/08:42:24 UTC	
25/10/2017	Missing frames	x		Loss of frames on one granule due to RFI FR products including sensing period from 10:03:55 to 10:06:55 are affected	Missing frames gap RFI
NOVEMBER					
04/11/2017	Data gap (expected)	x		Data gap from 08:59:23 to 09:05:20 due to spectral calibration activities	instrument calibration data gap
14/11/2017	Data gap & Missing frames	x		Antenna issue and sequencing errors reported at SVL -data gap from 11:32:12 to 11:38:12 -products affected by missing frames from 11:38:12 to 11:41:12	Missing frames gap antenna svalbard
DECEMBER					
19/12/2017	Data gap	x		Instrument anomaly From 01:44:55 to 11:00:34 : 50% data lost for camera 5 From 11:00:34 to 12:52:26 : no data for one orbit	PDHU-1_IN_CRC_ERR_8360 anomaly