

## CryoSat-2 Data Unavailability Periods: Full mission (2010 - present)

Document issue:

1.84

Last updated:

20/04/2021

| Unavailability Start Time (UTC) | Unavailability Stop Time (UTC) | Planned/Unplanned | Reason                 | SIRAL Mode Affected |
|---------------------------------|--------------------------------|-------------------|------------------------|---------------------|
| 2021-04-19 16:29:33             | 2021-04-19 20:57:11            | Planned           | On-board Maintenance   | All                 |
| 2021-04-19 12:31:37             | 2021-04-19 21:01:09            | Unplanned         | On-board Maintenance   | SARIn               |
| 2021-04-12 15:52:20             | 2021-04-12 16:06:02            | Planned           | On-board Maintenance   | All                 |
| 2021-03-27 02:49:54             | 2021-03-27 05:20:48            | Unplanned         | Ground Segment Anomaly | SARIn               |
| 2021-03-23 19:27:58             | 2021-03-23 20:24:54            | Planned           | Orbit Manoeuvre        | All                 |
| 2021-02-16 12:38:00             | 2021-02-16 12:52:02            | Planned           | On-board Maintenance   | All                 |
| 2021-01-28 10:25:30             | 2021-01-28 10:40:01            | Planned           | On-board Maintenance   | All                 |
| 2021-01-26 22:00:41             | 2021-01-26 23:49:17            | Planned           | Orbit Manoeuvre        | All                 |
| 2021-01-05 03:09:16             | 2021-01-05 11:54:38            | Unplanned         | Platform Anomaly       | All                 |
| 2021-01-05 01:32:08             | 2021-01-05 02:26:08            | Unplanned         | Platform Anomaly       | SAR & SARIn         |
| 2020-12-29 10:55:06             | 2020-12-29 12:26:39            | Planned           | On-board Maintenance   | All                 |
| 2020-12-29 07:46:45             | 2020-12-29 09:56:05            | Unplanned         | Platform Anomaly       | SAR & SARIn         |
| 2020-12-16 13:35:00             | 2020-12-16 13:50:02            | Planned           | Orbit Manoeuvre        | All                 |
| 2020-12-04 13:46:30             | 2020-12-04 14:02:02            | Planned           | On-board Maintenance   | All                 |
| 2020-12-03 08:48:40             | 2020-12-03 13:03:22            | Planned           | On-board Maintenance   | All                 |
| 2020-11-25 18:02:06             | 2020-11-25 19:48:19            | Planned           | Orbit Manoeuvre        | All                 |
| 2020-11-24 13:59:26             | 2020-11-24 14:14:01            | Planned           | On-board Maintenance   | All                 |
| 2020-11-05 13:28:24             | 2020-11-05 13:43:01            | Planned           | On-board Maintenance   | All                 |
| 2020-10-25 16:06:23             | 2020-10-25 16:21:33            | Planned           | On-board Maintenance   | All                 |
| 2020-10-22 05:20:35             | 2020-10-22 07:06:36            | Planned           | Orbit Manoeuvre        | All                 |
| 2020-10-15 07:48:54             | 2020-10-15 08:05:02            | Planned           | On-board Maintenance   | All                 |
| 2020-09-21 06:50:26             | 2020-09-21 07:05:01            | Planned           | On-board Maintenance   | All                 |
| 2020-09-09 07:40:43             | 2020-09-09 09:30:06            | Planned           | Orbit Manoeuvre        | All                 |
| 2020-08-25 07:47:09             | 2020-08-25 08:06:12            | Planned           | On-board Maintenance   | All                 |
| 2020-08-13 09:36:10             | 2020-08-13 09:56:38            | Unplanned         | Platform Anomaly       | All                 |
| 2020-08-11 19:21:00             | 2020-08-11 19:33:36            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 19:00:00             | 2020-08-11 19:11:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 18:37:00             | 2020-08-11 18:47:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 17:42:00             | 2020-08-11 18:27:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 17:21:00             | 2020-08-11 17:32:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 16:58:00             | 2020-08-11 17:08:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 16:22:00             | 2020-08-11 16:48:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 07:03:00             | 2020-08-11 07:14:20            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 06:36:00             | 2020-08-11 06:53:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 06:05:00             | 2020-08-11 06:23:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 05:22:00             | 2020-08-11 05:55:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 04:56:00             | 2020-08-11 05:12:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 04:25:00             | 2020-08-11 04:43:02            | Planned           | Roll Manoeuvre         | All                 |
| 2020-08-11 03:49:00             | 2020-08-11 04:15:02            | Planned           | Roll Manoeuvre         | All                 |

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|---------------------|---------------------|-----------|--|-------------|
| 2020-07-30 22:23:17 | 2020-07-31 00:10:28 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-07-27 22:26:11 | 2020-07-28 05:09:47 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-07-23 22:30:22 | 2020-07-24 05:14:33 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-07-20 21:44:06 | 2020-07-21 04:29:06 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-07-16 21:48:52 | 2020-07-16 23:35:09 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-07-15 12:36:35 | 2020-07-15 12:54:22 | Unplanned | Platform Anomaly                       | All         |
| 2020-05-14 15:39:02 | 2020-05-14 16:37:12 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-04-02 18:09:29 | 2020-04-02 19:56:55 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-02-27 15:33:44 | 2020-02-27 17:24:27 | Planned   | Orbit Manoeuvre                        | All         |
| 2020-02-21 08:17:00 | 2020-02-21 08:41:01 | Unplanned | Platform Anomaly                       | All         |
| 2020-02-12 09:17:05 | 2020-02-12 09:53:54 | Unplanned | Platform Anomaly                       | All         |
| 2020-01-15 11:28:30 | 2020-01-15 18:13:02 | Planned   | Orbit Manoeuvre & On-board Maintenance | All         |
| 2019-11-18 14:14:46 | 2019-11-18 15:44:00 | Unplanned | Ground Segment Anomaly                 | SAR & SARIn |
| 2019-11-17 13:44:25 | 2019-11-17 15:33:16 | Unplanned | Platform Anomaly                       | SAR & SARIn |
| 2019-11-17 09:30:20 | 2019-11-17 13:37:25 | Unplanned | Platform Anomaly                       | All         |
| 2019-11-13 14:24:28 | 2019-11-13 16:10:50 | Planned   | Orbit Manoeuvre                        | All         |
| 2019-11-06 13:40:57 | 2019-11-06 14:35:00 | Unplanned | Ground Segment Anomaly                 | SAR & SARIn |
| 2019-11-06 06:13:37 | 2019-11-06 07:09:59 | Unplanned | Ground Segment Anomaly                 | SARIn       |
| 2019-10-04 09:41:09 | 2019-10-04 09:42:54 | Unplanned | Ground Segment Anomaly                 | SARIn       |
| 2019-10-02 09:43:36 | 2019-10-02 09:45:29 | Unplanned | Ground Segment Anomaly                 | SARIn       |
| 2019-09-29 21:40:42 | 2019-09-30 09:35:18 | Unplanned | Platform Anomaly                       | All         |
| 2019-09-22 14:51:05 | 2019-09-22 15:01:47 | Planned   | On-board Maintenance                   | All         |
| 2019-09-22 14:39:26 | 2019-09-22 14:50:49 | Planned   | On-board Maintenance                   | All         |
| 2019-09-17 13:54:41 | 2019-09-17 15:49:40 | Planned   | Orbit Manoeuvre                        | All         |
| 2019-09-14 03:00:54 | 2019-09-14 03:10:50 | Planned   | On-board Maintenance                   | All         |
| 2019-09-14 02:49:15 | 2019-09-14 03:00:38 | Planned   | On-board Maintenance                   | All         |
| 2019-07-07 01:53:23 | 2019-07-08 07:47:50 | Unplanned | Platform Anomaly                       | All         |
| 2019-06-06 05:15:38 | 2019-06-06 07:01:50 | Planned   | Orbit Manoeuvre                        | All         |
| 2019-05-17 10:38:13 | 2019-05-17 12:42:26 | Unplanned | Ground Segment Anomaly                 | SAR & SARIn |
| 2019-04-25 18:56:00 | 2019-04-25 19:11:41 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 18:36:00 | 2019-04-25 18:46:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 18:11:00 | 2019-04-25 18:23:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 17:16:00 | 2019-04-25 18:01:01 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 16:58:00 | 2019-04-25 17:06:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 16:37:00 | 2019-04-25 16:45:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 16:01:00 | 2019-04-25 16:27:01 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 06:40:00 | 2019-04-25 06:52:12 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 06:13:00 | 2019-04-25 06:30:01 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 05:43:00 | 2019-04-25 06:00:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 05:02:00 | 2019-04-25 05:33:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 04:35:00 | 2019-04-25 04:52:01 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 04:05:00 | 2019-04-25 04:22:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-25 03:29:00 | 2019-04-25 03:55:02 | Planned   | Roll Manoeuvre                         | All         |
| 2019-04-03 10:41:49 | 2019-04-03 12:28:02 | Planned   | Orbit Manoeuvre                        | All         |

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| 2019-02-28 23:59:57 | 2019-03-01 01:31:55 | Unplanned | Ground Segment Anomaly        | LRM         |
| 2019-02-14 09:05:09 | 2019-02-14 11:00:07 | Planned   | Orbit Manoeuvre               | All         |
| 2019-01-24 11:57:43 | 2019-01-24 12:16:02 | Planned   | On-board Maintenance          | All         |
| 2018-12-22 21:02:22 | 2018-12-23 00:28:10 | Planned   | Orbit Manoeuvre               | All         |
| 2018-12-13 14:27:14 | 2018-12-13 14:47:01 | Planned   | On-board Maintenance          | All         |
| 2018-12-13 07:09:56 | 2018-12-13 08:56:17 | Planned   | Orbit Manoeuvre               | All         |
| 2018-11-15 08:33:44 | 2018-11-15 10:19:43 | Planned   | Orbit Manoeuvre               | All         |
| 2018-11-08 07:54:29 | 2018-11-08 08:15:02 | Planned   | On-board Maintenance          | All         |
| 2018-10-04 09:26:50 | 2018-10-04 11:10:13 | Planned   | On-board Maintenance          | All         |
| 2018-09-06 23:55:46 | 2018-09-06 23:56:58 | Unplanned | Ground Segment Anomaly        | SARin       |
| 2018-09-06 23:54:58 | 2018-09-06 23:55:46 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-09-05 23:26:10 | 2018-09-05 23:30:38 | Unplanned | Ground Segment Anomaly        | LRM         |
| 2018-09-05 23:24:31 | 2018-09-05 23:26:10 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-09-05 23:09:24 | 2018-09-05 23:13:47 | Unplanned | Ground Segment Anomaly        | LRM         |
| 2018-09-05 23:07:24 | 2018-09-05 23:09:23 | Unplanned | Ground Segment Anomaly        | SARin       |
| 2018-09-05 23:06:07 | 2018-09-05 23:07:24 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-09-05 22:53:01 | 2018-09-05 23:06:07 | Unplanned | Ground Segment Anomaly        | LRM         |
| 2018-09-05 22:25:52 | 2018-09-05 22:27:44 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-09-05 06:59:59 | 2018-09-05 07:01:01 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-09-05 06:48:46 | 2018-09-05 06:50:02 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-08-01 18:43:44 | 2018-08-02 16:30:58 | Unplanned | Platform Anomaly              | All         |
| 2018-07-29 11:37:24 | 2018-07-29 13:16:20 | Unplanned | Ground Segment Anomaly        | SAR & SARin |
| 2018-07-29 04:55:48 | 2018-07-29 08:10:40 | Unplanned | Ground Segment Anomaly        | SARIN       |
| 2018-07-20 00:04:55 | 2018-07-20 00:08:22 | Unplanned | Ground Segment Anomaly        | SAR         |
| 2018-07-12 04:30:27 | 2018-07-12 07:55:51 | Planned   | Orbit Manoeuvre               | All         |
| 2018-07-09 02:54:30 | 2018-07-09 04:42:04 | Planned   | Collision Avoidance Manoeuvre | All         |
| 2018-07-03 12:07:52 | 2018-07-03 14:03:02 | Planned   | Orbit Manoeuvre               | All         |
| 2018-06-20 12:28:40 | 2018-06-20 16:33:21 | Planned   | On-board Maintenance          | All         |
| 2018-06-20 12:20:09 | 2018-06-20 12:27:42 | Planned   | On-board Maintenance          | All         |
| 2018-06-20 11:35:46 | 2018-06-20 12:17:44 | Planned   | On-board Maintenance          | All         |
| 2018-05-09 07:55:46 | 2018-05-09 08:17:48 | Unplanned | Ground Segment Anomaly        | All         |
| 2018-04-26 03:35:19 | 2018-04-26 04:44:35 | Planned   | Orbit Manoeuvre               | All         |
| 2018-03-23 12:33:00 | 2018-03-23 17:37:58 | Planned   | Orbit Manoeuvre               | All         |
| 2018-03-23 07:35:19 | 2018-03-23 09:25:55 | Planned   | Collision Avoidance Manoeuvre | All         |
| 2018-03-16 05:15:01 | 2018-03-16 07:01:45 | Planned   | Orbit Manoeuvre               | All         |
| 2018-02-06 17:11:00 | 2018-02-06 17:27:32 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 16:52:00 | 2018-02-06 17:01:02 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 16:32:00 | 2018-02-06 16:39:02 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 15:32:00 | 2018-02-06 16:22:02 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 15:13:00 | 2018-02-06 15:22:02 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 14:53:00 | 2018-02-06 15:00:02 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 14:17:00 | 2018-02-06 14:43:01 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 04:57:00 | 2018-02-06 05:07:32 | Planned   | Roll Manoeuvre                | All         |
| 2018-02-06 04:28:00 | 2018-02-06 04:47:01 | Planned   | Roll Manoeuvre                | All         |

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| 2018-02-06 03:58:00 | 2018-02-06 04:15:02 | Planned   | Roll Manoeuvre         | All         |
| 2018-02-06 03:18:00 | 2018-02-06 03:48:02 | Planned   | Roll Manoeuvre         | All         |
| 2018-02-06 02:50:00 | 2018-02-06 03:08:01 | Planned   | Roll Manoeuvre         | All         |
| 2018-02-06 02:18:00 | 2018-02-06 02:36:02 | Planned   | Roll Manoeuvre         | All         |
| 2018-02-06 01:42:00 | 2018-02-06 02:08:02 | Planned   | Roll Manoeuvre         | All         |
| 2017-12-27 12:34:14 | 2017-12-27 17:38:29 | Unplanned | Ground Segment Anomaly | All         |
| 2017-12-27 11:55:08 | 2017-12-27 12:32:45 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2017-12-20 10:18:22 | 2017-12-20 12:04:46 | Planned   | Orbit Manoeuvre        | All         |
| 2017-12-16 00:28:42 | 2017-12-18 23:50:37 | Unplanned | Platform Anomaly       | All         |
| 2017-12-01 13:53:08 | 2017-12-01 15:15:31 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2017-11-30 12:22:00 | 2017-11-30 14:21:24 | Planned   | Orbit Manoeuvre        | All         |
| 2017-11-02 08:44:54 | 2017-11-02 09:28:07 | Unplanned | Ground Segment Anomaly | All         |
| 2017-11-02 08:35:29 | 2017-11-02 08:43:35 | Unplanned | Ground Segment Anomaly | All         |
| 2017-11-02 07:51:56 | 2017-11-02 08:31:24 | Unplanned | Ground Segment Anomaly | All         |
| 2017-10-05 11:01:29 | 2017-10-05 12:52:11 | Planned   | Orbit Manoeuvre        | All         |
| 2017-09-12 16:26:51 | 2017-09-12 16:29:06 | Unplanned | Ground Segment Anomaly | SAR         |
| 2017-08-23 06:56:21 | 2017-08-23 08:59:18 | Planned   | Orbit Manoeuvre        | All         |
| 2017-08-09 10:34:43 | 2017-08-09 10:35:14 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2017-07-06 03:47:08 | 2017-07-06 05:34:33 | Planned   | Orbit Manoeuvre        | All         |
| 2017-06-02 03:54:31 | 2017-06-03 09:30:31 | Unplanned | Platform Anomaly       | All         |
| 2017-05-31 11:57:41 | 2017-05-31 13:44:30 | Planned   | Orbit Manoeuvre        | All         |
| 2017-04-28 09:23:41 | 2017-04-28 10:10:19 | Unplanned | Ground Segment Anomaly | SAR         |
| 2017-04-28 09:03:57 | 2017-04-28 09:23:41 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2017-04-28 08:49:11 | 2017-04-28 09:03:57 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2017-04-28 02:07:39 | 2017-04-28 03:14:20 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2017-03-26 13:20:41 | 2017-03-26 13:20:43 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2017-03-26 12:41:31 | 2017-03-26 12:41:40 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2017-03-26 12:31:45 | 2017-03-26 12:32:56 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2017-03-16 04:24:56 | 2017-03-16 06:37:03 | Planned   | Orbit Manoeuvre        | All         |
| 2017-02-07 13:26:13 | 2017-02-07 15:21:08 | Planned   | Orbit Manoeuvre        | All         |
| 2016-12-21 03:32:48 | 2016-12-21 03:33:44 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-12-21 02:51:42 | 2016-12-21 02:59:06 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2016-12-16 04:35:49 | 2016-12-16 06:26:07 | Planned   | Orbit Manoeuvre        | All         |
| 2016-12-14 01:26:46 | 2016-12-14 01:27:41 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-12-13 20:18:41 | 2016-12-13 20:19:46 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-11-24 13:43:51 | 2016-11-24 19:00:24 | Planned   | On-board Maintenance   | All         |
| 2016-10-20 12:15:02 | 2016-10-20 12:15:32 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-10-20 08:56:54 | 2016-10-20 12:12:53 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2016-10-20 04:06:22 | 2016-10-20 05:52:41 | Planned   | Orbit Manoeuvre        | All         |
| 2016-10-14 22:50:46 | 2016-10-15 00:09:30 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2016-10-14 09:03:11 | 2016-10-14 15:50:12 | Unplanned | Ground Segment Anomaly | All         |
| 2016-09-06 14:54:14 | 2016-09-06 14:54:49 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-09-06 14:49:31 | 2016-09-06 14:51:18 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-09-06 14:26:25 | 2016-09-06 14:27:04 | Unplanned | Ground Segment Anomaly | SARIN       |

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|---------------------|---------------------|-----------|------------------------|-------------|
| 2016-09-06 13:41:15 | 2016-09-06 13:42:33 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-09-06 13:28:54 | 2016-09-06 13:30:52 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-09-06 13:27:39 | 2016-09-06 13:28:08 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-09-06 13:21:23 | 2016-09-06 13:22:17 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-09-06 13:18:32 | 2016-09-06 13:21:18 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-09-06 13:14:45 | 2016-09-06 13:18:14 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-09-06 13:09:57 | 2016-09-06 13:14:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-09-06 12:50:09 | 2016-09-06 12:50:44 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-09-06 12:32:57 | 2016-09-06 12:37:47 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-09-01 18:50:00 | 2016-09-01 19:00:23 | Planned   | Roll Manoeuvre         | All         |
| 2016-09-01 18:28:00 | 2016-09-01 18:40:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-09-01 18:04:00 | 2016-09-01 18:09:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-09-01 17:07:00 | 2016-09-01 17:54:01 | Planned   | Roll Manoeuvre         | All         |
| 2016-09-01 16:50:00 | 2016-09-01 16:57:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-09-01 16:26:00 | 2016-09-01 16:30:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-09-01 15:49:00 | 2016-09-01 16:16:01 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 07:15:00 | 2016-08-31 07:27:43 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 06:53:00 | 2016-08-31 07:05:01 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 06:22:00 | 2016-08-31 06:40:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 05:42:00 | 2016-08-31 06:12:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 05:11:00 | 2016-08-31 05:32:01 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 04:42:00 | 2016-08-31 05:00:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-31 04:06:00 | 2016-08-31 04:32:02 | Planned   | Roll Manoeuvre         | All         |
| 2016-08-15 11:55:28 | 2016-08-15 14:57:49 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2016-07-28 07:28:11 | 2016-07-28 08:24:54 | Planned   | Orbit Manoeuvre        | All         |
| 2016-07-25 07:56:47 | 2016-07-25 13:03:13 | Planned   | On-board Maintenance   | All         |
| 2016-07-20 07:13:16 | 2016-07-20 12:15:26 | Planned   | On-board Maintenance   | All         |
| 2016-06-23 22:14:16 | 2016-06-24 00:00:21 | Planned   | Orbit Manoeuvre        | All         |
| 2016-06-06 13:19:45 | 2016-06-06 13:20:26 | Unplanned | Ground Segment Anomaly | SAR         |
| 2016-06-03 06:12:01 | 2016-06-03 06:50:23 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-06-02 10:15:44 | 2016-06-02 13:41:57 | Planned   | Orbit Manoeuvre        | All         |
| 2016-05-10 10:43:44 | 2016-05-10 12:30:01 | Planned   | Orbit Manoeuvre        | All         |
| 2016-04-28 11:55:29 | 2016-04-28 11:56:33 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-04-12 12:52:19 | 2016-04-12 12:53:55 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-04-09 00:31:13 | 2016-04-09 03:58:37 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-04-08 15:21:58 | 2016-04-08 20:28:53 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2016-04-05 22:11:21 | 2016-04-06 11:32:23 | Planned   | Orbit Manoeuvre        | All         |
| 2016-03-22 03:27:23 | 2016-03-22 05:16:50 | Planned   | Orbit Manoeuvre        | All         |
| 2016-03-16 01:44:07 | 2016-03-16 01:45:03 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-02-29 13:44:18 | 2016-02-29 15:20:00 | Unplanned | Ground Segment Anomaly | All         |
| 2016-02-29 12:35:12 | 2016-02-29 13:42:48 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-02-19 04:56:06 | 2016-02-19 06:05:00 | Planned   | Orbit Manoeuvre        | All         |
| 2016-01-31 13:54:14 | 2016-01-31 14:21:26 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2016-01-15 06:28:28 | 2016-01-15 08:14:31 | Planned   | Orbit Manoeuvre        | All         |

|                     |                     |           |                        |             |
|---------------------|---------------------|-----------|------------------------|-------------|
| 2015-12-22 04:28:47 | 2015-12-22 06:14:40 | Planned   | Orbit Manoeuvre        | All         |
| 2015-12-07 06:57:15 | 2015-12-07 07:03:22 | Unplanned | Ground Segment Anomaly | LRM & SARIN |
| 2015-11-30 18:09:22 | 2015-11-30 20:02:35 | Planned   | Orbit Manoeuvre        | All         |
| 2015-11-03 18:42:12 | 2015-11-03 19:39:43 | Planned   | Orbit Manoeuvre        | All         |
| 2015-11-01 22:44:41 | 2015-11-01 22:56:25 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2015-11-01 18:05:34 | 2015-11-01 18:06:08 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-11-01 17:56:50 | 2015-11-01 17:57:30 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-11-01 17:52:45 | 2015-11-01 17:53:46 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-11-01 17:06:00 | 2015-11-01 17:52:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-11-01 15:27:50 | 2015-11-01 15:33:07 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-10-14 21:27:54 | 2015-10-14 21:28:51 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-10-14 21:20:55 | 2015-10-14 21:21:30 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-10-13 14:04:04 | 2015-10-13 14:11:07 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-10-13 12:32:09 | 2015-10-13 12:34:14 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-10-03 20:54:56 | 2015-10-03 21:00:56 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-10-03 19:38:11 | 2015-10-03 19:39:18 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-10-01 23:30:32 | 2015-10-02 00:26:54 | Planned   | Orbit Manoeuvre        | All         |
| 2015-09-23 21:07:50 | 2015-09-23 21:13:02 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-09-09 12:15:53 | 2015-09-09 15:48:52 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2015-08-27 01:04:00 | 2015-08-27 02:50:21 | Planned   | Orbit Manoeuvre        | All         |
| 2015-07-26 23:13:07 | 2015-07-27 03:27:51 | Planned   | Orbit Manoeuvre        | All         |
| 2015-07-13 01:14:06 | 2015-07-13 01:14:58 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-06-30 11:20:44 | 2015-06-30 13:07:18 | Planned   | Orbit Manoeuvre        | All         |
| 2015-06-24 05:31:06 | 2015-06-24 05:59:01 | Planned   | On-board Maintenance   | All         |
| 2015-06-23 14:47:59 | 2015-06-23 14:51:40 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-06-15 03:16:37 | 2015-06-15 04:49:57 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2015-06-15 00:48:51 | 2015-06-15 03:16:37 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2015-05-28 06:19:07 | 2015-05-28 08:30:27 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2015-05-28 05:14:59 | 2015-05-28 06:18:30 | Unplanned | Ground Segment Anomaly | All         |
| 2015-05-26 10:16:08 | 2015-05-26 17:05:58 | Unplanned | Ground Segment Anomaly | All         |
| 2015-05-25 16:15:01 | 2015-05-25 16:18:35 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-05-25 06:17:21 | 2015-05-25 08:03:29 | Planned   | Orbit Manoeuvre        | All         |
| 2015-05-06 18:44:00 | 2015-05-06 18:55:15 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 17:59:00 | 2015-05-06 18:34:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 17:02:00 | 2015-05-06 17:49:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 16:20:00 | 2015-05-06 16:52:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 15:44:00 | 2015-05-06 16:10:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 08:00:00 | 2015-05-06 08:12:32 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 06:25:00 | 2015-05-06 07:50:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 05:28:00 | 2015-05-06 06:15:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 03:47:00 | 2015-05-06 05:18:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-06 03:11:00 | 2015-05-06 03:37:02 | Planned   | Roll Manoeuvre         | All         |
| 2015-05-05 22:16:33 | 2015-05-05 22:18:50 | Unplanned | Ground Segment Anomaly | SAR         |
| 2015-05-05 18:03:27 | 2015-05-05 18:11:23 | Unplanned | Ground Segment Anomaly | SARIN       |

|                     |                     |           |                        |       |
|---------------------|---------------------|-----------|------------------------|-------|
| 2015-05-04 20:41:01 | 2015-05-04 20:47:40 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-05-04 19:08:46 | 2015-05-04 19:09:23 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-05-04 15:00:33 | 2015-05-04 15:07:04 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-05-03 00:03:31 | 2015-05-03 00:08:03 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-05-02 22:21:54 | 2015-05-02 22:29:06 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-04-30 22:24:21 | 2015-04-30 22:31:33 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-04-30 20:52:36 | 2015-04-30 20:55:27 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-04-30 05:58:18 | 2015-04-30 07:46:48 | Planned   | Orbit Manoeuvre        | All   |
| 2015-04-22 20:56:01 | 2015-04-22 21:02:22 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-04-11 11:53:04 | 2015-04-11 11:59:36 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-04-07 18:00:51 | 2015-04-07 18:57:27 | Planned   | Orbit Manoeuvre        | All   |
| 2015-04-01 20:31:34 | 2015-04-01 20:38:46 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-03-23 19:44:44 | 2015-03-23 19:54:48 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-03-16 21:46:10 | 2015-03-16 23:54:24 | Planned   | Orbit Manoeuvre        | All   |
| 2015-02-25 22:10:52 | 2015-02-25 22:11:31 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-02-25 18:15:47 | 2015-02-25 18:16:30 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-02-20 01:26:19 | 2015-02-20 01:36:04 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-02-16 01:31:01 | 2015-02-16 01:40:58 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-02-12 10:00:54 | 2015-02-12 11:48:58 | Planned   | Orbit Manoeuvre        | All   |
| 2015-02-02 01:47:44 | 2015-02-02 01:58:06 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-02-01 19:12:29 | 2015-02-01 19:15:05 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-02-01 15:58:13 | 2015-02-01 16:00:06 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-02-01 02:41:36 | 2015-02-01 02:48:50 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-02-01 01:09:54 | 2015-02-01 01:12:51 | Unplanned | Ground Segment Anomaly | SAR   |
| 2015-01-23 13:26:18 | 2015-01-23 13:26:20 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-01-22 05:25:24 | 2015-01-22 05:30:09 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-01-22 03:32:25 | 2015-01-22 04:40:08 | Unplanned | Ground Segment Anomaly | All   |
| 2015-01-22 03:16:30 | 2015-01-22 03:30:56 | Unplanned | Ground Segment Anomaly | All   |
| 2015-01-22 03:13:07 | 2015-01-22 03:13:08 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-01-22 01:38:22 | 2015-01-22 01:38:24 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-01-22 00:30:51 | 2015-01-22 00:30:54 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-01-21 21:12:37 | 2015-01-21 21:12:43 | Unplanned | Ground Segment Anomaly | SARIN |
| 2015-01-20 09:39:22 | 2015-01-20 11:32:51 | Planned   | Orbit Manoeuvre        | All   |
| 2015-01-17 03:55:47 | 2015-01-17 07:21:15 | Planned   | Orbit Manoeuvre        | All   |
| 2015-01-08 13:12:30 | 2015-01-08 14:59:28 | Planned   | Orbit Manoeuvre        | All   |
| 2015-01-05 02:26:00 | 2015-01-05 02:32:28 | Unplanned | Ground Segment Anomaly | SAR   |
| 2014-12-19 13:40:37 | 2014-12-19 13:47:11 | Unplanned | Ground Segment Anomaly | SARIN |
| 2014-12-19 04:31:13 | 2014-12-19 05:33:51 | Planned   | Orbit Manoeuvre        | All   |
| 2014-12-18 11:04:54 | 2014-12-18 11:11:05 | Unplanned | Ground Segment Anomaly | SAR   |
| 2014-12-18 04:35:32 | 2014-12-18 04:36:14 | Unplanned | Ground Segment Anomaly | SARIN |
| 2014-12-08 12:47:31 | 2014-12-08 12:53:11 | Unplanned | Ground Segment Anomaly | LRM   |
| 2014-12-08 11:17:49 | 2014-12-08 11:23:16 | Unplanned | Ground Segment Anomaly | SAR   |
| 2014-12-08 08:48:12 | 2014-12-08 08:51:05 | Unplanned | Ground Segment Anomaly | SARIN |
| 2014-12-08 03:31:19 | 2014-12-08 03:33:02 | Unplanned | Ground Segment Anomaly | SARIN |

|                     |                     |           |                        |             |
|---------------------|---------------------|-----------|------------------------|-------------|
| 2014-12-04 12:16:07 | 2014-12-04 14:02:16 | Planned   | Orbit Manoeuvre        | All         |
| 2014-11-14 04:24:29 | 2014-11-14 06:11:30 | Planned   | Orbit Manoeuvre        | All         |
| 2014-10-30 04:42:46 | 2014-10-30 05:41:11 | Planned   | Orbit Manoeuvre        | All         |
| 2014-10-09 22:23:45 | 2014-10-09 22:24:22 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-10-09 20:41:23 | 2014-10-09 20:45:40 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-10-09 04:18:49 | 2014-10-09 07:44:11 | Planned   | Orbit Manoeuvre        | All         |
| 2014-10-08 10:08:11 | 2014-10-08 10:09:29 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-10-07 00:13:10 | 2014-10-07 02:00:07 | Planned   | Orbit Manoeuvre        | All         |
| 2014-09-24 07:05:56 | 2014-09-24 08:52:24 | Planned   | Orbit Manoeuvre        | All         |
| 2014-09-03 06:55:01 | 2014-09-03 10:37:01 | Planned   | On-board Maintenance   | All         |
| 2014-09-03 04:57:59 | 2014-09-03 06:47:25 | Planned   | On-board Maintenance   | SARIN       |
| 2014-08-28 07:38:51 | 2014-08-28 09:26:06 | Planned   | Orbit Manoeuvre        | All         |
| 2014-08-26 10:13:48 | 2014-08-26 12:10:21 | Planned   | On-board Maintenance   | All         |
| 2014-08-26 06:55:26 | 2014-08-26 10:13:48 | Planned   | On-board Maintenance   | SAR & SARIN |
| 2014-08-25 22:33:03 | 2014-08-26 11:56:35 | Planned   | On-board Maintenance   | SARIN       |
| 2014-08-05 13:05:20 | 2014-08-05 14:44:01 | Unplanned | Ground Segment Anomaly | All         |
| 2014-07-22 23:35:31 | 2014-07-22 23:49:47 | Unplanned | Ground Segment Anomaly | LRM & SAR   |
| 2014-07-20 20:46:01 | 2014-07-20 20:46:37 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-07-20 20:31:05 | 2014-07-20 20:31:46 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-07-20 20:28:49 | 2014-07-20 20:29:21 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-07-20 20:27:52 | 2014-07-20 20:28:22 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-07-20 20:10:47 | 2014-07-20 20:15:17 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-07-20 20:08:54 | 2014-07-20 20:09:33 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-07-18 11:47:09 | 2014-07-18 12:44:31 | Planned   | Orbit Manoeuvre        | All         |
| 2014-07-13 12:32:22 | 2014-07-13 12:43:54 | Unplanned | Ground Segment Anomaly | LRM & SAR   |
| 2014-07-13 11:42:44 | 2014-07-13 11:53:00 | Unplanned | Ground Segment Anomaly | All         |
| 2014-07-11 17:49:30 | 2014-07-11 17:50:26 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-07-09 17:49:22 | 2014-07-09 18:46:38 | Unplanned | Ground Segment Anomaly | All         |
| 2014-07-09 06:52:34 | 2014-07-09 06:53:59 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-07-02 02:04:14 | 2014-07-02 02:04:50 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-07-02 00:50:02 | 2014-07-02 02:02:17 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-07-02 00:37:30 | 2014-07-02 00:40:39 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-28 14:44:14 | 2014-06-28 15:16:50 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-28 02:11:57 | 2014-06-28 03:49:21 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-25 12:05:59 | 2014-06-25 13:06:00 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-06-25 03:05:43 | 2014-06-25 05:45:30 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-24 12:23:27 | 2014-06-24 12:24:13 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-23 01:22:11 | 2014-06-23 02:18:37 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-06-22 13:09:37 | 2014-06-22 13:10:27 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-18 07:26:00 | 2014-06-18 09:12:10 | Planned   | Orbit Manoeuvre        | All         |
| 2014-06-16 10:48:34 | 2014-06-16 10:49:10 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-06-16 04:07:25 | 2014-06-16 04:08:24 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-13 10:54:02 | 2014-06-13 11:32:51 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-12 11:27:34 | 2014-06-12 11:35:45 | Unplanned | Ground Segment Anomaly | SARIN       |

|                     |                     |           |                        |             |
|---------------------|---------------------|-----------|------------------------|-------------|
| 2014-06-10 07:51:34 | 2014-06-10 07:52:38 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-06-01 12:38:57 | 2014-06-01 12:39:28 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-05-22 16:10:44 | 2014-05-22 16:11:28 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-05-16 08:06:14 | 2014-05-16 10:03:32 | Planned   | Orbit Manoeuvre        | All         |
| 2014-05-11 17:52:31 | 2014-05-11 17:53:54 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-05-11 09:54:26 | 2014-05-11 10:04:52 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-05-09 09:50:58 | 2014-05-09 09:51:31 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-05-07 05:53:44 | 2014-05-07 07:35:41 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-04-20 09:27:36 | 2014-04-20 11:19:08 | Planned   | Orbit Manoeuvre        | All         |
| 2014-04-18 20:12:17 | 2014-04-18 20:22:13 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-04-18 18:33:32 | 2014-04-18 19:12:01 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-04-18 06:24:47 | 2014-04-18 07:55:26 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-04-18 06:11:38 | 2014-04-18 06:24:47 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-04-18 06:03:38 | 2014-04-18 06:09:30 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-04-03 04:01:02 | 2014-04-03 05:00:11 | Planned   | Orbit Manoeuvre        | All         |
| 2014-03-21 05:06:30 | 2014-03-21 06:54:14 | Planned   | Orbit Manoeuvre        | All         |
| 2014-03-14 13:11:11 | 2014-03-14 13:18:08 | Unplanned | Ground Segment Anomaly | LRM         |
| 2014-03-05 08:44:30 | 2014-03-05 10:29:26 | Planned   | Orbit Manoeuvre        | All         |
| 2014-02-19 06:32:44 | 2014-02-19 07:28:21 | Planned   | Orbit Manoeuvre        | All         |
| 2014-02-15 07:25:00 | 2014-02-15 07:30:44 | Unplanned | Ground Segment Anomaly | SAR         |
| 2014-02-14 18:14:57 | 2014-02-14 22:55:48 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2014-02-14 10:10:28 | 2014-02-14 18:19:47 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2014-01-31 06:06:20 | 2014-01-31 07:51:32 | Planned   | Orbit Manoeuvre        | All         |
| 2014-01-09 04:53:56 | 2014-01-09 05:58:45 | Planned   | Orbit Manoeuvre        | All         |
| 2014-01-05 18:43:00 | 2014-01-05 18:56:44 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-05 17:57:00 | 2014-01-05 18:33:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-05 16:59:00 | 2014-01-05 17:47:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-05 16:18:00 | 2014-01-05 16:49:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-05 15:42:00 | 2014-01-05 16:08:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-04 07:12:00 | 2014-01-04 07:24:40 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-04 06:15:00 | 2014-01-04 07:02:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-04 05:33:00 | 2014-01-04 06:05:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-04 04:35:00 | 2014-01-04 05:23:02 | Planned   | Roll Manoeuvre         | All         |
| 2014-01-04 03:59:00 | 2014-01-04 04:25:02 | Planned   | Roll Manoeuvre         | All         |
| 2013-12-18 17:44:50 | 2013-12-18 19:30:42 | Planned   | Orbit Manoeuvre        | All         |
| 2013-12-15 11:45:38 | 2013-12-15 11:52:10 | Unplanned | Ground Segment Anomaly | SAR         |
| 2013-12-06 10:47:28 | 2013-12-06 12:07:50 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-12-05 08:54:54 | 2013-12-05 10:43:11 | Planned   | Orbit Manoeuvre        | All         |
| 2013-11-15 04:21:36 | 2013-11-15 06:07:21 | Planned   | Orbit Manoeuvre        | All         |
| 2013-11-01 08:46:42 | 2013-11-01 09:48:14 | Planned   | Orbit Manoeuvre        | All         |
| 2013-10-15 00:01:44 | 2013-10-15 05:56:45 | Planned   | Orbit Manoeuvre        | All         |
| 2013-10-02 16:21:02 | 2013-10-11 22:21:44 | Unplanned | Platform Anomaly       | All         |
| 2013-10-02 15:00:50 | 2013-10-02 16:09:56 | Unplanned | Platform Anomaly       | SAR & SARIN |
| 2013-09-12 00:20:00 | 2013-09-12 00:31:57 | Planned   | Roll Manoeuvre         | All         |

|                     |                     |           |                        |             |
|---------------------|---------------------|-----------|------------------------|-------------|
| 2013-09-11 23:34:30 | 2013-09-12 00:10:01 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-11 22:40:00 | 2013-09-11 23:24:31 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-11 21:57:00 | 2013-09-11 22:30:01 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-11 21:21:00 | 2013-09-11 21:47:02 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-10 12:50:00 | 2013-09-10 13:00:24 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-10 11:57:30 | 2013-09-10 12:40:02 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-10 11:12:00 | 2013-09-10 11:47:32 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-10 10:16:30 | 2013-09-10 11:02:02 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-10 09:40:00 | 2013-09-10 10:06:32 | Planned   | Roll Manoeuvre         | All         |
| 2013-09-03 21:33:18 | 2013-09-03 22:30:32 | Planned   | Orbit Manoeuvre        | All         |
| 2013-08-24 19:01:27 | 2013-08-24 19:08:52 | Unplanned | Ground Segment Anomaly | LRM         |
| 2013-08-15 12:50:49 | 2013-08-15 14:39:22 | Planned   | Orbit Manoeuvre        | All         |
| 2013-07-23 15:36:14 | 2013-07-23 15:37:32 | Unplanned | Ground Segment Anomaly | LRM         |
| 2013-07-20 00:11:38 | 2013-07-20 00:23:32 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-07-19 05:07:44 | 2013-07-19 06:03:25 | Planned   | Orbit Manoeuvre        | All         |
| 2013-06-06 05:10:49 | 2013-06-06 06:57:56 | Planned   | Orbit Manoeuvre        | All         |
| 2013-05-22 21:51:55 | 2013-05-23 06:19:07 | Unplanned | Ground Segment Anomaly | All         |
| 2013-05-16 07:15:39 | 2013-05-16 08:12:43 | Planned   | Orbit Manoeuvre        | All         |
| 2013-04-23 08:33:24 | 2013-04-23 10:18:26 | Planned   | Orbit Manoeuvre        | All         |
| 2013-04-04 12:15:03 | 2013-04-04 13:11:17 | Planned   | Orbit Manoeuvre        | All         |
| 2013-03-07 07:51:38 | 2013-03-07 09:36:54 | Planned   | Orbit Manoeuvre        | All         |
| 2013-03-04 09:36:52 | 2013-03-04 16:17:21 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-03-04 05:20:00 | 2013-03-04 06:46:36 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-03-04 02:00:42 | 2013-03-04 05:06:59 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-01-31 10:13:38 | 2013-01-31 11:59:58 | Planned   | Orbit Manoeuvre        | All         |
| 2013-01-09 20:35:56 | 2013-01-09 22:21:50 | Planned   | Orbit Manoeuvre        | All         |
| 2013-01-02 00:02:39 | 2013-01-02 04:11:25 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-01-01 10:51:25 | 2013-01-01 22:28:34 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2013-01-01 04:55:53 | 2013-01-01 10:51:24 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-12-31 23:42:00 | 2013-01-01 04:55:52 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2012-12-31 05:47:47 | 2012-12-31 23:41:59 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-12-31 00:00:22 | 2012-12-31 05:47:46 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2012-12-30 20:50:08 | 2012-12-30 21:17:12 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-12-30 16:40:52 | 2012-12-30 18:54:28 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-11-29 11:30:53 | 2012-11-29 13:17:23 | Planned   | Orbit Manoeuvre        | All         |
| 2012-11-08 03:28:42 | 2012-11-08 03:31:15 | Unplanned | Ground Segment Anomaly | LRM         |
| 2012-10-18 06:35:02 | 2012-10-18 08:01:25 | Planned   | Orbit Manoeuvre        | All         |
| 2012-09-20 07:09:19 | 2012-09-20 08:54:09 | Planned   | Orbit Manoeuvre        | All         |
| 2012-09-16 03:21:28 | 2012-09-16 03:35:45 | Unplanned | Ground Segment Anomaly | LRM & SAR   |
| 2012-09-15 21:27:09 | 2012-09-15 21:27:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-09-12 18:33:00 | 2012-09-12 18:44:02 | Unplanned | Ground Segment Anomaly | LRM         |
| 2012-09-12 17:47:00 | 2012-09-12 18:23:00 | Planned   | Roll Manoeuvre         | All         |
| 2012-09-12 16:49:00 | 2012-09-12 17:37:00 | Planned   | Roll Manoeuvre         | All         |
| 2012-09-12 16:08:00 | 2012-09-12 16:39:00 | Planned   | Roll Manoeuvre         | All         |

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| 2012-09-12 15:34:00 | 2012-09-12 15:58:00 | Planned   | Roll Manoeuvre         | All         |
| 2012-09-11 07:02:01 | 2012-09-11 07:16:06 | Unplanned | Ground Segment Anomaly | LRM & SAR   |
| 2012-09-11 06:04:01 | 2012-09-11 06:52:00 | Planned   | Roll Manoeuvre         | All         |
| 2012-09-11 05:24:01 | 2012-09-11 05:54:01 | Planned   | Roll Manoeuvre         | All         |
| 2012-09-11 04:25:01 | 2012-09-11 05:14:00 | Planned   | Roll Manoeuvre         | All         |
| 2012-09-11 03:04:00 | 2012-09-11 04:15:01 | Planned   | Roll Manoeuvre         | All         |
| 2012-08-21 05:59:49 | 2012-08-21 17:47:00 | Planned   | On-board Maintenance   | All         |
| 2012-08-18 07:19:42 | 2012-08-18 08:28:53 | Unplanned | Ground Segment Anomaly | All         |
| 2012-08-18 07:15:53 | 2012-08-18 07:16:25 | Unplanned | Ground Segment Anomaly | LRM         |
| 2012-08-14 07:07:26 | 2012-08-14 07:08:10 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-08-13 06:16:33 | 2012-08-13 08:07:02 | Planned   | Orbit Manoeuvre        | All         |
| 2012-07-28 21:21:54 | 2012-07-28 21:22:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-07-26 05:48:53 | 2012-07-26 07:34:41 | Planned   | Orbit Manoeuvre        | All         |
| 2012-07-25 05:52:48 | 2012-07-25 05:53:19 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-07-23 05:55:08 | 2012-07-23 05:55:43 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-07-15 02:40:02 | 2012-07-15 02:44:37 | Unplanned | Ground Segment Anomaly | SAR         |
| 2012-07-15 01:05:40 | 2012-07-15 01:07:44 | Unplanned | Ground Segment Anomaly | SAR         |
| 2012-07-12 08:34:46 | 2012-07-12 09:30:05 | Planned   | Orbit Manoeuvre        | All         |
| 2012-06-30 22:04:56 | 2012-07-01 08:43:35 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-06-30 17:19:42 | 2012-06-30 22:04:55 | Unplanned | Ground Segment Anomaly | All         |
| 2012-06-28 07:15:59 | 2012-06-28 07:46:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-06-13 16:33:57 | 2012-06-13 17:31:18 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2012-06-12 09:11:21 | 2012-06-12 11:02:10 | Planned   | Orbit Manoeuvre        | All         |
| 2012-05-15 10:35:09 | 2012-05-15 11:31:37 | Planned   | Orbit Manoeuvre        | All         |
| 2012-04-19 11:07:04 | 2012-04-19 12:52:45 | Planned   | Orbit Manoeuvre        | All         |
| 2012-04-15 15:09:42 | 2012-04-15 16:49:40 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2012-03-22 14:09:59 | 2012-03-22 15:05:20 | Planned   | Orbit Manoeuvre        | All         |
| 2012-03-15 13:28:54 | 2012-03-15 14:25:00 | Planned   | Orbit Manoeuvre        | All         |
| 2012-03-01 09:42:56 | 2012-03-01 11:11:59 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2012-02-16 05:47:01 | 2012-02-16 07:33:01 | Planned   | Orbit Manoeuvre        | All         |
| 2012-01-12 19:57:12 | 2012-01-12 19:57:14 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2011-12-21 08:35:44 | 2011-12-21 10:22:25 | Planned   | Orbit Manoeuvre        | All         |
| 2011-11-30 13:17:14 | 2011-11-30 13:50:47 | Unplanned | Ground Segment Anomaly | All         |
| 2011-11-29 06:33:33 | 2011-11-29 08:19:16 | Planned   | Orbit Manoeuvre        | All         |
| 2011-11-09 11:55:36 | 2011-11-09 13:47:46 | Planned   | Orbit Manoeuvre        | All         |
| 2011-11-08 14:44:52 | 2011-11-08 15:17:19 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2011-10-21 09:00:16 | 2011-10-21 09:56:20 | Planned   | Orbit Manoeuvre        | All         |
| 2011-10-20 02:33:17 | 2011-10-20 02:34:00 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2011-10-18 21:46:01 | 2011-10-18 23:16:17 | Planned   | Roll Manoeuvre         | All         |
| 2011-10-18 21:06:01 | 2011-10-18 21:40:01 | Planned   | Roll Manoeuvre         | All         |
| 2011-10-18 20:13:01 | 2011-10-18 20:56:01 | Planned   | Roll Manoeuvre         | All         |
| 2011-10-18 15:25:01 | 2011-10-18 20:05:01 | Planned   | Roll Manoeuvre         | All         |
| 2011-10-18 14:28:01 | 2011-10-18 15:17:01 | Planned   | Roll Manoeuvre         | All         |
| 2011-10-18 13:43:01 | 2011-10-18 14:20:01 | Planned   | Roll Manoeuvre         | All         |

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|---------------------|---------------------|-----------|----------------------------|-------------|
| 2011-10-18 12:05:01 | 2011-10-18 13:35:01 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-17 23:38:01 | 2011-10-18 01:29:31 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-17 22:45:01 | 2011-10-17 23:28:01 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-17 20:50:01 | 2011-10-17 22:35:01 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-17 11:12:01 | 2011-10-17 13:04:32 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-17 10:28:01 | 2011-10-17 11:02:01 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-17 08:30:01 | 2011-10-17 10:18:01 | Planned   | Roll Manoeuvre             | All         |
| 2011-10-11 23:17:16 | 2011-10-11 23:18:43 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-09-29 07:47:51 | 2011-09-29 09:34:32 | Planned   | Orbit Manoeuvre            | All         |
| 2011-09-20 08:00:00 | 2011-09-22 08:01:38 | Planned   | Ground Station Maintenance | All         |
| 2011-09-14 07:19:35 | 2011-09-14 07:28:42 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-09-01 10:50:48 | 2011-09-01 11:47:27 | Planned   | Orbit Manoeuvre            | All         |
| 2011-07-31 08:05:17 | 2011-07-31 13:11:43 | Unplanned | Ground Segment Anomaly     | All         |
| 2011-07-28 04:07:02 | 2011-07-28 05:02:43 | Planned   | Orbit Manoeuvre            | All         |
| 2011-07-26 15:37:24 | 2011-07-26 15:38:39 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-06-30 16:17:37 | 2011-06-30 16:18:24 | Unplanned | Ground Segment Anomaly     | SAR         |
| 2011-06-30 01:05:15 | 2011-06-30 01:08:18 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-06-29 23:47:56 | 2011-06-29 23:49:10 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-06-29 23:43:41 | 2011-06-29 23:45:19 | Unplanned | Ground Segment Anomaly     | SAR         |
| 2011-06-10 18:22:00 | 2011-06-10 18:22:24 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-06-01 05:16:44 | 2011-06-01 07:02:26 | Planned   | Orbit Manoeuvre            | All         |
| 2011-05-26 08:59:36 | 2011-05-26 09:30:49 | Unplanned | Ground Segment Anomaly     | SAR & SARIN |
| 2011-05-25 16:58:38 | 2011-05-26 06:04:06 | Unplanned | Ground Segment Anomaly     | All         |
| 2011-05-25 10:18:34 | 2011-05-25 16:58:37 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-05-25 10:16:30 | 2011-05-25 16:58:38 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-05-23 05:19:42 | 2011-05-23 06:56:31 | Unplanned | Ground Segment Anomaly     | All         |
| 2011-04-30 16:34:00 | 2011-05-05 07:21:30 | Unplanned | Payload Anomaly            | All         |
| 2011-04-18 08:01:25 | 2011-04-18 08:22:18 | Unplanned | Ground Segment Anomaly     | LRM         |
| 2011-04-18 07:04:44 | 2011-04-18 08:01:24 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-04-18 05:04:57 | 2011-04-18 05:08:18 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-04-15 10:45:11 | 2011-04-15 10:45:26 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-04-14 08:44:01 | 2011-04-14 10:32:22 | Planned   | Orbit Manoeuvre            | All         |
| 2011-03-15 04:23:11 | 2011-03-15 06:00:30 | Unplanned | Ground Segment Anomaly     | All         |
| 2011-03-11 07:46:16 | 2011-03-11 08:42:16 | Planned   | Orbit Manoeuvre            | All         |
| 2011-03-03 15:32:17 | 2011-03-03 15:33:07 | Unplanned | Ground Segment Anomaly     | SAR         |
| 2011-02-21 11:08:13 | 2011-02-21 11:18:56 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-02-21 10:22:01 | 2011-02-21 10:23:12 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-02-04 17:38:40 | 2011-02-04 17:38:56 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-02-04 17:31:58 | 2011-02-04 17:32:57 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-02-04 17:27:42 | 2011-02-04 17:28:19 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-02-03 11:52:16 | 2011-02-03 11:52:37 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-02-03 11:50:15 | 2011-02-03 11:51:21 | Unplanned | Ground Segment Anomaly     | SARIN       |
| 2011-01-26 10:30:11 | 2011-01-28 08:39:15 | Unplanned | Platform Anomaly           | All         |
| 2011-01-26 09:37:14 | 2011-01-26 10:30:10 | Unplanned | Platform Anomaly           | SAR & SARIN |

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|---------------------|---------------------|-----------|--|-------------|
| 2011-01-26 08:42:06 | 2011-01-26 09:37:13 | Unplanned | Platform Anomaly                               | SARIN       |
| 2011-01-26 05:22:14 | 2011-01-26 07:00:45 | Unplanned | Ground Segment Anomaly                         | All         |
| 2011-01-26 04:37:01 | 2011-01-26 05:17:38 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2011-01-21 09:35:37 | 2011-01-21 10:32:34 | Planned   | Orbit Manoeuvre                                | All         |
| 2010-12-31 23:58:58 | 2011-01-01 00:01:31 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-12-22 17:27:01 | 2010-12-22 17:31:30 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-12-16 14:16:00 | 2010-12-16 14:47:14 | Planned   | On-board Maintenance                           | All         |
| 2010-12-16 02:53:08 | 2010-12-16 03:47:00 | Planned   | Orbit Manoeuvre                                | All         |
| 2010-12-13 22:46:23 | 2010-12-13 22:52:27 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-12-12 18:49:14 | 2010-12-12 20:13:29 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-12-11 19:17:20 | 2010-12-11 19:21:09 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-12-10 08:13:39 | 2010-12-10 08:16:03 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-12-08 13:31:01 | 2010-12-08 13:31:40 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-12-07 20:10:46 | 2010-12-07 20:13:04 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-11-29 19:38:30 | 2010-11-30 02:25:01 | Unplanned | Ground Segment Anomaly                         | All         |
| 2010-11-28 07:24:18 | 2010-11-28 09:03:06 | Unplanned | Ground Segment Anomaly                         | All         |
| 2010-11-28 04:29:17 | 2010-11-28 05:29:59 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-11-28 00:43:47 | 2010-11-28 00:45:14 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-11-26 17:22:31 | 2010-11-26 17:26:17 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-11-23 18:04:22 | 2010-11-23 18:10:54 | Unplanned | Ground Segment Anomaly                         | All         |
| 2010-11-23 01:00:00 | 2010-11-23 13:18:39 | Planned   | On-board Maintenance                           | All         |
| 2010-11-22 23:27:09 | 2010-11-23 01:00:00 | Planned   | On-board Maintenance                           | SARIN       |
| 2010-11-20 05:12:45 | 2010-11-20 05:32:42 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-11-20 04:09:32 | 2010-11-20 05:12:45 | Unplanned | Ground Segment Anomaly                         | All         |
| 2010-11-11 11:47:14 | 2010-11-11 11:53:56 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-11-11 10:13:33 | 2010-11-11 10:19:08 | Unplanned | Ground Segment Anomaly                         | All         |
| 2010-11-10 21:33:31 | 2010-11-10 21:35:41 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-11-10 02:12:15 | 2010-11-10 02:12:51 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-11-08 21:35:58 | 2010-11-08 21:38:19 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-11-08 09:28:01 | 2010-11-08 09:33:50 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-11-08 07:00:00 | 2010-11-08 07:38:50 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-11-06 17:32:15 | 2010-11-06 17:32:50 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-11-05 15:20:48 | 2010-11-05 15:33:01 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-10-31 15:23:02 | 2010-10-31 17:47:35 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-10-29 14:31:33 | 2010-10-29 14:38:51 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-10-29 13:19:25 | 2010-10-29 13:40:08 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-10-29 12:51:51 | 2010-10-29 12:54:45 | Planned   | On-board Maintenance                           | All         |
| 2010-10-28 19:10:47 | 2010-10-28 19:28:16 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-10-26 02:08:51 | 2010-10-26 02:09:52 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-10-18 07:25:51 | 2010-10-21 15:05:17 | Planned   | SIRAL B to A switchover & On-board Maintenance | All         |
| 2010-10-08 14:10:29 | 2010-10-08 17:32:41 | Planned   | On-board Maintenance                           | All         |
| 2010-10-04 07:43:00 | 2010-10-04 09:26:50 | Planned   | SIRAL A to B switchover                        | All         |
| 2010-10-01 10:00:00 | 2010-10-04 07:43:00 | Planned   | Orbit Manoeuvre                                | All         |
| 2010-09-29 08:34:28 | 2010-09-29 08:36:02 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-09-28 04:25:04 | 2010-09-28 04:25:36 | Unplanned | Ground Segment Anomaly                         | SARIN       |

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| 2010-09-22 08:00:58 | 2010-09-22 08:02:28 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-09-15 07:16:46 | 2010-09-17 12:42:47 | Planned   | On-board Maintenance                           | All         |
| 2010-09-14 04:41:15 | 2010-09-14 04:42:17 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-09-14 00:23:27 | 2010-09-14 00:25:44 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-09-11 20:04:34 | 2010-09-13 07:29:58 | Unplanned | Payload Anomaly                                | All         |
| 2010-09-11 15:38:03 | 2010-09-11 15:38:34 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-09-10 11:30:34 | 2010-09-10 12:07:18 | Planned   | On-board Maintenance                           | All         |
| 2010-09-06 10:07:01 | 2010-09-06 10:09:00 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-09-02 17:10:30 | 2010-09-06 08:26:47 | Unplanned | Payload Anomaly                                | All         |
| 2010-09-02 06:44:00 | 2010-09-02 17:10:30 | Planned   | SIRAL B to A switchover & On-board Maintenance | All         |
| 2010-08-31 07:30:00 | 2010-09-01 17:33:35 | Planned   | Roll Manoeuvre                                 | All         |
| 2010-08-24 04:35:51 | 2010-08-24 10:11:00 | Unplanned | Payload Anomaly                                | All         |
| 2010-08-12 07:58:46 | 2010-08-12 11:24:50 | Planned   | SIRAL A to B switchover                        | All         |
| 2010-08-11 17:05:31 | 2010-08-11 17:06:02 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-11 03:43:31 | 2010-08-11 03:44:33 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-10 17:59:17 | 2010-08-10 18:00:06 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-10 09:51:12 | 2010-08-10 13:06:59 | Unplanned | Payload Anomaly                                | All         |
| 2010-08-10 06:13:35 | 2010-08-10 06:14:29 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-06 16:04:14 | 2010-08-06 16:05:01 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-08-06 06:18:28 | 2010-08-06 06:19:23 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-06 01:24:41 | 2010-08-06 01:25:27 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-05 05:11:50 | 2010-08-05 09:06:16 | Unplanned | Payload Anomaly                                | All         |
| 2010-08-05 00:36:08 | 2010-08-05 00:37:25 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-08-04 03:05:58 | 2010-08-04 03:06:43 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-04 01:27:11 | 2010-08-04 01:27:45 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-03 03:57:04 | 2010-08-03 03:58:03 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-02 06:23:20 | 2010-08-02 06:23:54 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-02 04:47:39 | 2010-08-02 04:48:23 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-01 04:57:33 | 2010-08-01 04:58:42 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-07-31 06:25:47 | 2010-07-31 06:26:22 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-07-31 03:10:52 | 2010-07-31 03:11:57 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-30 06:01:26 | 2010-07-30 14:01:15 | Unplanned | Payload Anomaly                                | All         |
| 2010-07-29 09:58:01 | 2010-07-29 10:09:00 | Planned   | On-board Maintenance                           | All         |
| 2010-07-29 09:56:27 | 2010-07-29 09:57:02 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-07-27 08:18:01 | 2010-07-28 20:51:45 | Planned   | On-board Maintenance                           | All         |
| 2010-07-26 00:55:24 | 2010-07-26 00:55:58 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-25 13:10:00 | 2010-07-25 13:10:35 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-23 03:20:36 | 2010-07-23 03:21:23 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-07-22 04:11:36 | 2010-07-22 04:12:23 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-07-21 19:06:36 | 2010-07-21 19:12:43 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-07-21 18:25:19 | 2010-07-21 18:27:39 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-21 08:10:55 | 2010-07-21 15:19:00 | Unplanned | Payload Anomaly                                | All         |
| 2010-07-20 10:00:00 | 2010-07-20 15:04:56 | Planned   | Venting Manoeuvre                              | All         |
| 2010-07-20 03:10:53 | 2010-07-20 03:13:06 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-07-19 18:30:09 | 2010-07-19 22:51:08 | Planned   | On-board Maintenance                           | SARIN       |

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|---------------------|---------------------|-----------|------------------------|-------------|
| 2010-07-19 06:40:24 | 2010-07-19 06:41:13 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-18 07:31:14 | 2010-07-18 07:32:13 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-18 04:16:26 | 2010-07-18 04:17:55 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-17 13:19:45 | 2010-07-17 13:20:52 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-17 06:42:51 | 2010-07-17 06:43:44 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-17 01:49:01 | 2010-07-17 01:49:44 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2010-07-16 16:02:12 | 2010-07-16 16:02:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-16 12:31:21 | 2010-07-16 12:33:17 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-16 02:39:45 | 2010-07-16 02:41:51 | Unplanned | Ground Segment Anomaly | SAR         |