

History of events impacting the DORIS data available at the IDS Data Centers.

date	satellite	description
1990/03/31	Spot2	first data on IDS DCs / data format 1.0
1992/09/25	Topex	first data on IDS DCs / data format 1.0
1994/02/01	Spot3	first data on IDS DCs / data format 1.0
1995/11/26	Topex	No data for cycle 118, from 1995/11/26 to 1995/12/05; no file topdata118
1995/12/04	Spot3	No data from 1995/12/04 to 1995/12/14
1996/04/11	Spot3	No data file available for cycle 103, from 1996/04/11 to 1996/04/20; no file sp3data103
1996/11/13	Spot3	last data on IDS DCs
1998/05/01	Spot4	first data on IDS DCs / data format 1.0 / Minimum elevation angle 12 deg / erroneous values of the center of mass correction until Jan. 09 1999 (cycles 1- 31, except cycle 29 Dec. 15-22 1998)
1998/12/20	Topex	DORIS instrument: Switch from Nominal to BackUp 1998/12/20 09:00 Nominal OFF
1999/01/10	Spot4	correct values of the center of mass correction in the data files
2002/01/11	Spot2	data format 2.1
2002/01/11	Spot4	data format 2.1
2002/01/15	Topex	data format 2.1
2002/01/15	Jason1	first data on IDS DCs / data format 2.1 / no data under 12 deg
2002/06/11	Spot5	first data on IDS DCs / data format 2.1 / Minimum elevation 8 deg but flag ' <i>edited during pre-processing</i> ' for data between 8 and 12 deg
2002/06/13	Envisat	first data on IDS DCs / data format 2.1 / All elevation angle but flag ' <i>edited during pre-processing</i> ' for data under 13 deg
2002/07/06	Envisat	Envisat Interface Control Unit anomaly: no data from 2002/07/06 08:02:00 to 2002/07/09 14:00:00
2002/09/01	Envisat	More validated data between 10 and 13 deg in data files starting from en1data020 (cycle 10)
2002/11/25	Jason1	New DORIS software upload
2003/02/20	Envisat	Envisat Payload anomaly, DORIS MVR switch off. No data from 2003/02/20 to 2003/02/24
2003/02/20	Envisat	Envisat Payload anomaly, DORIS MVR switch off. No data from 2003/03/15 to 2003/03/17
2003/09/04	Envisat	Envisat Payload anomaly, DORIS MVR switch off. No data from 2003/09/04 to 2003/09/08
2003/09/17	Spot5	Less flagged data in data files starting from sp5data053
2003/09/30	Spot2	DORIS software failure; no data from 2003/09/30 to 2003/10/07
2003/10/07	Spot2	Software uploads

2003/11/19	Jason1	Jason1 incident. No data from 2003/11/19 to 2003/11/27.
2003/11/25	Envisat	Change in POE pre-processing: tropospheric correction improved in data files starting from en1data076 (cycle 22)
2004/02/15	Jason1	Jason1 incident. No data from 2004/02/15 to 2004/02/19
2004/05/26	Topex	Safehold mode. No data for cycle 431 and 432, from 2004/05/26 to 2004/06/14; no file topdata431 and topdata432
2004/06/06	Envisat	DORIS instrument failure. No data for week 1274 (2004/06/06-2004/06/14); no file en1data104
2004/06/14	Envisat	DORIS instrument: Switch from Nominal to BackUp
2004/06/28	Jason1	DORIS instrument: Switch from BackUp to Nominal
2004/10/12	Envisat	CHAINED MODE More validated data in data files starting from en1data122 (cycle 31)
2004/11/01	Topex	last data on IDS DCs
2005/04/07	Envisat	More validated data between 10 and 12 deg in data files starting from en1data147 (cycle 36)
2005/09/14	Jason1	<i>(Still no data under 12 deg)</i>
2005/09/19	Envisat	POE GDRB. This new configuration is set up on 2005/09/19. Wrt to the previous one, an additional bias of +6.5 microseconds is applied to the onboard Doppler time transits of chain2 from 2005/09/19
2005/09/20	Envisat	More validated data from 8 deg in data files starting from en1data171 (cycle 41) / A bias of 6.5 microseconds is added to the onboard Doppler transit time values in order to reduce the along-track bias between DORIS and SLR.
2005/09/20	Jason1	Jason-1 in safe hold mode. No data from 2005/09/20 to 2005/09/28
2005/09/27	Jason1	POE GDRB. This new configuration is set up on 2005/09/27. Wrt to the previous one, an additional bias of +6.0 microseconds is applied to the onboard Doppler time transits of chain1 from 2005/09/27
2005/11/09	Spot5	No more flagged data between 8 and 12 deg, only data over 12 deg in data files starting from file sp5data133
2006/01/18	Spot2	Less data for a selection of high-latitude stations in data files starting from sp2data574
2006/01/18	Spot4	Less data for a selection of high-latitude stations in data files starting from sp2data574
2006/04/06	Envisat	DORIS/ENVISAT Payload anomaly.DORIS reset. No data or less data from 2006/04/06 to 2006/04/24
2006/10/30	Jason1	Jason-1 in safe hold mode. No data for cycle 178, from 2006/10/30 18:28:50 to 2006/11/16 05:47:29; no file ja1data178
2006/11/12	Spot5	<i>(Still no data under 12 deg)</i>
2006/11/14	Spot2	<i>(Still no data under 12 deg)</i>
2006/11/14	Spot4	<i>(Still no data under 12 deg)</i>
2007/05/01	Spot5	new ionospheric correction starting from file sp5data187
2007/05/02	Jason1	new ionospheric correction starting from file ja1data196
2007/05/03	Spot2	new ionospheric correction starting from file sp2data623
2007/05/03	Spot4	new ionospheric correction starting from file sp4data374

2007/05/08	Envisat	new ionospheric correction starting from file en1data256
2007/08/22	Spot2	No data under 15 deg. Less data in data files starting from sp2data???
2007/08/31	Spot2	Series of DORIS instrument failures from 2007/08/31
2007/10/06	Spot2	No data under 15 deg. Still less data for a selection of high-altitude stations in data files starting from sp2data???
2007/11/13	Spot2	WAITING MODE
2007/12/04	Spot2	DORIS software failure. No data from 2007/12/04 to 2007/12/19
2007/12/19	Spot2	New DORIS software upload
2008/01/15	Spot5	an angle of +25° wrt the origin position was applied on the orientation of the array on its rotation axis
2008/01/17	Spot5	an 2nd additional angle of +10° was applied
2008/01/22	Spot5	a 3rd additional angle of +5° was applied
2008/04/22	Envisat	POE GDRC. This new configuration is applied to Envisat POE processing from en1data306 (2008/04/22-2008/04/28)
2008/07/10	Jason1	POE GDRC. This new configuration is set up on 2008/07/10 and all the data reprocessed. Additional biases are applied to the onboard Doppler time transits: +6.0 microseconds for chain 2 (i.e. before 2004/06/28); +6.0 microseconds before 2008/07/10 and +8.8 microseconds from 2008/07/10 for chain 1
2008/07/12	Jason2	first data on IDS DCs
2008/08/07	Jason1	Jason-1 in safe hold mode. No data for cycle 243, from 2008/08/07 11:40:00 to 2008/08/20 10:46:50; no file ja1data243
2008/10/24	Spot2	DORIS software failure. No data from 2008/10/24 to 2008/11/06.
2008/11/05	Spot2	New DORIS software upload
2009/01/26	Jason1	Orbit change: no data for cycles 260 and 261; no file ja1data260, ja1data261
2009/04/05	Jason2	RINEX files: correction of the bias error on the receiver clock offset of 51.83 microseconds in the [TAI - OBT] field, starting from file ja2rx09095. All previous files reprocessed and submitted with version number 002.
2009/07/14	Spot2	last data on IDS DCs
2009/07/29	Spot2	DORIS switch off.
2009/09/15	Jason1	Jason-1 in safe hold mode from 2009/09/15 to 2009/09/25. Cycles 283 and 284 impacted
2009/11/26	Jason2	<i>RINEX files: error detected in Time Reference Station data. Not corrected ?</i>
2009/12/08	Spot4	Orbit change: first series of maneuvers
2010/03/10	Jason2	DORIS1B files: correction of the ionospheric correction field, starting from file ja2data058.001.Z. All previous files corrected and resubmitted with version number 002
2010/05/11	Jason2	RINEX files: correction of the phase center position, starting from file ja2rx10159. Previous files not corrected.
2010/05/30	Cryosat2	first data on IDS DCs
2010/07/20	Jason1	Hydrazine depletion maneuvers from 2010/07/20 to 2010/08/04. Possible impact on cycle 315 and 316

2010/09/22	Spot4	1998 data corrected of an error in phase center position and resubmitted with version number 002 (from sp4data004.002 to sp4data033.002)
2010/10/22	Envisat	Orbit change and change in cycle/arc number and length; no file en1data437, en1data438, en1data439
2011/05/17	Jason2	DORIS 1B files: complete redelivery of Jason-2 data files ; a new version is available for files from ja2data001 to ja2data102
2011/05/17	Cryosat2	DORIS 1B files: complete redelivery of Cryosat-2 data files ; a new version is available for files from cs2data008 to cs2data054
2011/09/28	Jason1	Jason-1 depletion manoeuvres
2011/10/01	Hy-2a	first data on IDS DCs HY-2A POE orbits produced in GDRD standards from the first arc
2012/01/20	Spot5	SPOT-5 POE orbits in GDRD standards since arc 361 (20/01/2012-31/01/2012)
2012/01/21	Spot4	SPOT-4 POE orbits in GDRD standards since arc 549 (21/01/2012-01/02/2012)
2012/02/16	Jason1	Jason-1 in safe hold mode from 2012/02/16 to 2012/02/29. Cycle 373 impacted
2012/03/03	Jason1	Jason-1 in safe hold mode from 2012/03/03 to 2012/05/07. Cycles 374 impacted
2012/03/20	Spot5	value of the additional of the Solar Array Pitch: +37.0 deg
2012/04/01	Spot5	value of the additional of the Solar Array Pitch: +36.3 deg
2012/04/08	Envisat	End of mission
2012/04/11	Jason2	New delivery of RINEX files: ja2rx10090.001.Z (initially with wrong names)
2012/04/26	Spot5	value of the additional of the Solar Array Pitch: +35.5 deg
2012/05/07	Jason1	Jason-1 orbit change
2012/05/16	Envisat	New delivery of the ENVISAT 2.2 dataset
2012/06/07	Spot5	value of the additional of the Solar Array Pitch: +34.7 deg
2012/06/22	Jason2	New delivery of some RINEX files: ja2rx11365.001.Z (missing file); ja2rx12007.001.Z, ja2rx12008.001.Z, ja2rx12021.001.Z to ja2rx12041.001.Z (initially with wrong names)
2012/06/22	Cryosat2	New delivery of some RINEX files: cs2rx11365.001.Z (missing file); cs2rx12007.001.Z, cs2rx12008.001.Z, cs2rx12021.001.Z to cs2rx12041.001.Z (initially with wrong names)
2012/07/25	Jason2	New delivery of some RINEX files: ja2rx09151.001.Z, ja2rx10031.001.Z, ja2rx10076.001.Z, ja2rx10077.001.Z, ja2rx10078.001.Z, ja2rx10079.001.Z, ja2rx10120.001.Z (initially with wrong names)
2012/10/03	Spot5	value of the additional of the Solar Array Pitch: +35.0 deg
2012/11/08	Spot5	value of the additional of the Solar Array Pitch: +35.9 deg
2012/12/04	Spot5	value of the additional of the Solar Array Pitch: +36.8 deg
2013/01/08	Spot5	value of the additional of the Solar Array Pitch: +37.2 deg
2013/02/05	Spot5	value of the additional of the Solar Array Pitch: +36.7 deg
2013/02/28	Jason1	Jason-1 in safe hold mode from 2013/02/28 to 2013/03/18. No DORIS data was delivered from February 28, 2013 (during cycle 527) to March 15, 2013 (during cycle 528). Cycles 527 and 528 impacted

2013/03/05	Spot5	value of the additional of the Solar Array Pitch: +35.9 deg
2013/03/14	Saral	first data on IDS DCs
2013/03/25	Jason2	Jason-2 in safe hold mode. No DORIS data was delivered from 2013/03/25 2:40 to 2013/03/26 22:20 (safe hold mode) and from 2013/03/26 22:20 to 2013/03/29 14:00 (mispointing)
2013/03/30	Jason2	Jason-2 in safe hold mode. No DORIS data was delivered from 2013/03/30 21:55 to 2013/04/02 17:20 (safe hold mode) and from 2013/04/02 17:20 to 2013/04/04 11:49 (mispointing) . Cycles 174 and 175 impacted.
2013/04/03	Spot5	value of the additional of the Solar Array Pitch: +35.0 deg
2013/05/07	Spot5	value of the additional of the Solar Array Pitch: +34.3 deg
2013/06/07	Spot5	value of the additional of the Solar Array Pitch: +33.2 deg
2013/06/21	Jason1	End of mission
2013/06/24	Spot4	End of mission
2013/11/01	Spot5	value of the additional of the Solar Array Pitch: +34.1 deg
2013/12/01	Spot5	value of the additional of the Solar Array Pitch: +34.8 deg