

List of RAPID IES Histogram Modes as of 2024 Sep 06

Initially, a set of IES Histograms tests do integration times of 50, 2, 5, 15, 50 μ s, each one lasting 18 spins (1.5 min). However, there are 5 minutes between each test. Thus the whole set lasts about 25 min. but with regular IES operations in between. The test is always done in burst mode.

As of January 2003, the pattern is changed to 2, 5, 15, 50 μ s and staggered between the 4 SC so that only one is in histogram mode at any time. There is a 2 min. delay between spacecraft, so each one waits 8 min. before starting the next integration time. The entire sequence takes 35 minutes, including the wait time before switching back to auto-switching.

The set on February 24, 2003, tried to minimize the time when autoswitching is turned off, but I cut it too short. The autoswitching command is issued during the histogram test, setting integration time to 50 μ s, and it probably autoswitches some more during the test. These results are therefore very suspect. (The natural integration time is 2 μ s, high count rates.)

For the set on April 4, 2003, the autoswitching is turned back on after 3.5 minutes, to allow for a possible 32 spin wait before starting (EDB must be multiple of 32) plus 21 spins for the test.

On Feb 25, 2005, SC1, the test started very late and the autoswitching was turned back on before the test had even started. Here the spin was 4.15 s so 56 spins = 232.4 s. (The possible 32 spin delay plus 24 spins for the test.)

As of Apr 28, 2005, allow 4 minutes before setting autoswitching back on.

As of Oct 08, 2007, add GX patch to SC2, to clobber autoswitching, which was not turning off since J-Patch uploaded.

S/C	Date	Start	Stop	Comment
3	2000-09-09	13:11	14:03	NM, Commissioning
4	2000-09-16	11:21	12:18	NM, Commissioning
2	2000-11-08	07:31	08:37	NM, Commissioning
1	2000-11-23	18:27	15:37	NM, Commissioning
1 2 3 4	2001-08-19	17:40	18:05	50, 2, 5, 15, 50 μ s
1 2 3 4	2001-08-19	18:40	19:05	50, 2, 5, 15, 50 μ s
1 2 3 4	2001-08-19	19:40	20:05	50, 2, 5, 15, 50 μ s
1 2 3 4	2001-08-19	20:40	21:05	50, 2, 5, 15, 50 μ s
1 3 4	2002-03-16	12:35	13:00	50, 2, 5, 15, 50 μ s
1 3 4	2002-03-16	13:35	14:00	50, 2, 5, 15, 50 μ s

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S/C				Date	Start	Stop	Comment
1	3	4		2002-03-16	14:35	15:00	50, 2, 5, 15, 50 μ s
1	3	4		2002-03-21	00:57	03:22	50, 2, 5, 15, 50 μ s, 3 times
	2			2002-06-14	11:42	12:07	Repeat for 2 only
	2			2002-06-17	05:10	05:35	because SC2 failed
	2			2002-06-17	06:50	07:15	last time.
1	2	3	4	2002-12-12	19:30	19:55	50, 2, 5, 15, 50 μ s
1	2	3		2003-01-24	11:55	12:30	2, 5, 15, 50 μ s, staggered (4 off)
1	2	3		2003-01-24	15:45	16:20	2, 5, 15, 50 μ s, staggered (4 off)
1	2	3		2003-01-24	16:45	17:20	2, 5, 15, 50 μ s, staggered (4 off)
1	2	3	4	2003-02-24	07:56	08:27	2, 5, 15, 50 μ s, staggered, suspect
1	2	3	4	2003-02-24	08:56	09:27	2, 5, 15, 50 μ s, staggered, suspect
1	2	3	4	2003-02-24	09:56	10:27	2, 5, 15, 50 μ s, staggered, suspect
1	2	3	4	2003-04-04	06:48	09:44	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-05-09	08:54	11:50	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-06-11	15:03	17:59	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-07-10	15:55	18:55	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-09-03	03:45	06:45	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-10-04	00:15	03:15	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-11-01	17:40	20:40	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2003-12-04	19:35	22:34	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-01-18	17:40	20:40	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-02-23	06:40	09:40	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-03-25	05:30	08:30	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-04-18	06:10	09:10	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-05-14	01:20	04:20	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-06-20	21:15	00:15	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-08-20	01:22	04:22	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-09-19	19:33	20:30	2, 5, 15, 50 μ s, staggered, 1 time
1	2	3	4	2004-09-21	05:35	07:34	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2004-10-27	18:56	21:56	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2004-11-25	07:10	09:10	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2004-12-18	15:15	18:15	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2005-01-25	13:15	16:15	2, 5, 15, 50 μ s, staggered, 3 times

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S/C				Date	Start	Stop	Comment
1	2	3	4	2005-02-25	08:55	10:55	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2005-03-24	10:22	12:22	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2005-04-28	03:55	05:54	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2005-06-15	09:08	11:08	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2005-07-14	20:30	22:30	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2005-08-09	17:50	20:50	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2005-09-09	13:35	16:35	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2005-10-03	12:00	15:00	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2005-11-09	10:05	12:05	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2005-12-18	11:37	13:37	2, 5, 15, 50 μ s, staggered, 2 times
1	2	3	4	2006-01-18	02:15	05:15	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-02-22	19:35	22:35	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-03-19	20:30	23:30	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-04-15	13:30	16:30	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-05-16	08:35	11:02	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-06-16	00:36	03:03	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-07-13	19:08	21:35	2, 5, 15, 50 μ s, staggered, 3 times
1	2	3	4	2006-08-13	12:15	16:15	2, 5, 15, 50 μ s, staggered, 4 times
		3		2006-09-03	21:24	22:46	2, 5, 15, 50 μ s, staggered, 3 times
		3	4	2006-09-20	10:54	14:50	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3	4	2006-10-16	12:05	16:05	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3		2006-11-10	20:10	23:10	2, 5, 15, 50 μ s, staggered, 3 times (4 off)
1	2	3	4	2006-12-13	11:15	15:15	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3	4	2007-01-06	19:49	22:15	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3	4	2007-02-09	05:30	06:30	2, 5, 15, 50 μ s, staggered, once
1	2	3	4	2007-03-15	06:20	10:20	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3	4	2007-04-14	06:40	10:40	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3	4	2007-05-14	13:00	17:00	2, 5, 15, 50 μ s, staggered, 4 times
1	2	3	4	2007-06-23	07:15	11:14	2, 5, 15, 50 μ s, staggered, 4 times, autosw off
1	2	3	4	2007-07-24	11:00	15:00	2, 5, 15, 50 μ s, staggered, 4 times
	2			2007-08-26	05:24	06:17	2, 5, 15, 50 μ s, staggered, once, testing with patch off
	2			2007-08-31	09:50	10:28	2 μ s only, once, test with GX patch

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S/C				Date	Start	Stop	Comment
1	2	3	4	2007-09-02	14:20	18:20	2, 5, 15, 50 μ s, staggered, 4 times

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S/C	Date	Start	Stop	Comment
2	2007-09-09	18:30	19:20	2, 5, 15, 50 μ s, staggered, once, test with GX patch
1 2 3 4	2007-10-08	07:20	11:20	2, 5, 15, 50 μ s, staggered, 4 times, with GX patch on SC2
2	2007-10-31	07:01	07:14	2 μ only, once, tests with 2 reduced GX patches
1 2 3 4	2007-11-05	00:35	03:35	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
2	2007-11-12	07:00	07:16	all 4 LUTs, once, test with reduced GX patch
1 2 3 4	2007-12-07	00:25	04:25	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1 2 3 4	2007-12-31	09:20	13:20	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-01-29	00:50	04:50	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-03-03	17:15	19:15	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-04-02	06:22	07:52	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-05-03	04:36	06:36	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-07-07	20:40	23:40	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-08-05	12:54	14:54	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-09-10	05:44	08:45	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-10-18	04:50	06:50	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-11-18	15:50	19:50	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1 2 3 4	2008-12-19	05:25	08:25	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1 2 3 4	2009-01-17	09:54	12:54	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1 2 3 4	2009-02-18	20:10	22:10	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2

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S/C				Date	Start	Stop	Comment
1	2	3	4	2009-03-19	14:23	15:53	2, 5, 15, 50 μ s, staggered, 2 times, SC intermixed, with GX patch on SC2
1	2	3	4	2009-05-17	21:54	23:23	2, 5, 15, 50 μ s, staggered, 2 times, SC intermixed, with GX patch on SC2
1	2	3	4	2009-06-08	08:23	10:43	2, 5, 15, 50 μ s, staggered, 3 times, SC intermixed, with GX patch on SC2
1	2	3	4	2009-07-09	18:18	21:18	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1	2	3		2009-08-04	11:35	15:35	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1	2	3	4	2009-09-11	09:05	13:05	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1	2	3	4	2009-12-08	05:27	09:27	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-01-14	01:35	05:35	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-02-16	17:33	18:56	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-03-27	04:23	05:48	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-04-30	02:40	04:00	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-05-31	09:23	10:46	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-07-06	10:06	12:36	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-08-02	14:18	15:37	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-09-05	04:24	08:24	2, 5, 15, 50 μ s, staggered, 4 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-10-13	14:55	16:25	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-11-13	06:08	07:26	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2010-12-16	08:18	09:36	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-01-19	03:26	06:27	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2

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S/C				Date	Start	Stop	Comment
1	2	3	4	2011-02-18	19:33	20:57	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-04-12	15:20	16:40	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-05-19	01:45	03:05	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-06-15	09:46	11:06	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-07-14	15:08	16:28	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-08-16	20:10	21:30	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-09-17	13:15	14:35	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-09-18	18:00	19:16	2, 5, 15, 50 μ s, staggered, once, in NM (no output)
1	2	3	4	2011-10-16	22:45	23:59	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-11-17	14:00	15:20	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2011-12-16	00:18	01:38	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-01-16	18:38	19:58	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-02-11	00:00	02:56	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-03-12	18:00	19:20	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-04-03	04:40	07:40	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-05-03	06:54	08:54	2, 5, 15, 50 μ s, staggered, 2 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-06-03	14:48	15:25	2, 5, 15, 50 μ s, staggered, 2 times, all SC simultaneously, with GX patch on SC2
1	2	3	4	2012-07-12	01:25	02:55	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2012-08-12	12:20	15:20	2, 5, 15, 50 μ s, staggered, 3 times, one SC after another, with GX patch on SC2
1	2	3	4	2012-09-10	22:07	23:36	2, 5, 15, 50 μ s, staggered, 2 times, with SC

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S/C				Date	Start	Stop	Comment
							staggered, with GX patch on SC2
1	2	3	4	2012-09-20	04:34	07:34	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2012-11-12	15:10	19:10	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2012-12-09	21:12	22:38	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-01-10	13:28	14:48	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-02-09	09:30	12:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-03-15	04:38	05:58	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-04-15	17:46	19:15	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-05-11	09:00	11:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-06-14	07:15	08:45	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-07-13	17:50	18:36	2, 5, 15, 50 μ s, staggered, 1 time, with SC staggered, with GX patch on SC2
1	2	3	4	2013-08-05	00:40	01:52	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-09-01	04:00	05:20	2, 5, 15, 50 μ s, staggered, 2 times, NM, patches off
				2013-09-01	04:00	05:20	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-10-11	09:00	12:46	2, 5, 15, 50 μ s, staggered, 4 times, NM, with GX patch on SC2
1	2	3	4	2013-11-07	04:15	05:15	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2013-12-09	08:35	10:35	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-01-12	02:20	05:20	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-02-12	20:40	22:10	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-03-14	05:10	08:10	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-04-13	10:30	13:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC

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S/C				Date	Start	Stop	Comment
							staggered, with GX patch on SC2
1	2	3	4	2014-05-15	03:00	06:00	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-06-16	21:00	23:59	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-07-12	02:25	05:25	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-08-01	15:05	18:05	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-08-12	20:40	22:40	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-09-22	03:50	06:50	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2		4	2014-10-21	17:45	21:45	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-11-17	14:10	17:10	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2014-12-17	11:30	14:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-01-20	05:30	08:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-02-15	20:45	23:45	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-03-22	12:10	15:10	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
	2			2015-04-02	12:40	13:46	2, 5, 15, 50 μ s, staggered, 2 times, NM with GX patch on SC2
	2			2015-04-09	13:50	14:37	2, 5, 15, 50 μ s, staggered, 2 times, BM with GX patch on SC2
1	2	3	4	2015-04-14	02:15	05:15	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
	2			2015-04-27	15:20	16:36	2, 5, 15, 50 μ s, staggered, 2 times, BM with GX patch on SC2
1	2	3	4	2015-05-12	21:25	23:25	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-06-09	06:15	09:15	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-07-13	04:55	07:55	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2

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S/C				Date	Start	Stop	Comment
1	2	3	4	2015-08-09	14:35	17:35	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-09-23	19:20	21:20	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-10-20	20:50	23:50	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-11-15	09:50	12:50	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2015-12-16	13:00	16:00	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-01-12	08:00	14:31	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-02-03	15:40	18:40	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-03-15	14:30	17:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-04-16	10:15	14:15	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-05-16	00:00	02:00	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-06-16	05:08	09:08	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-07-17	19:50	23:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-08-16	13:55	17:55	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-09-12	17:20	21:20	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-10-12	02:40	06:40	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-11-21	16:39	19:39	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2016-12-14	15:15	19:15	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-01-17	15:10	19:10	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-02-07	00:50	03:50	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-03-15	04:10	08:10	2, 5, 15, 50 μ s, staggered, 4 times, with SC

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S/C				Date	Start	Stop	Comment
							staggered, with GX patch on SC2
1	2	3	4	2017-04-13	12:45	16:45	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-05-17	07:35	11:35	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-06-13	02:50	06:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-07-21	17:00	21:00	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-08-15	14:20	18:20	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-09-20	18:10	22:10	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-10-15	16:45	19:45	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-11-20	18:57	22:57	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2017-12-15	00:45	03:45	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-01-15	21:30	23:30	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-01-16	00:30	01:30	2, 5, 15, 50 μ s, staggered, 1 time, with SC staggered, with GX patch on SC2
1	2	3	4	2018-02-14	02:15	05:15	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-03-16	06:55	10:55	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-04-12	07:40	11:40	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-05-16	09:53	13:53	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-06-12	05:10	09:10	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-07-11	07:50	11:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-08-21	04:30	08:30	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-09-19	18:58	22:58	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2

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S/C				Date	Start	Stop	Comment
1	2	3	4	2018-10-16	20:25	23:25	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2018-11-22	06:20	10:20	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2

S/C				Date	Start	Stop	Comment
							staggered, with GX patch on SC2
1	2	3	4	2020-06-18	06:50	10:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2020-07-17	13:00	17:00	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2020-08-20	07:50	11:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2020-09-16	13:49	17:49	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2020-10-13	20:25	23:25	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2020-11-15	02:15	06:15	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2020-12-18	11:05	15:15	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-01-15	10:50	14:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-02-13	11:20	14:20	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-03-24	01:50	04:50	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-04-21	13:10	16:10	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-05-18	09:02	13:02	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-06-17	10:00	13:00	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-07-16	17:00	21:00	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-08-19	05:50	09:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-09-24	18:30	21:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-10-17	13:55	16:55	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-11-16	12:40	15:40	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2021-12-15	16:40	19:40	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2

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S/C				Date	Start	Stop	Comment
1	2	3	4	2022-01-16	10:00	14:00	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-02-16	08:00	10:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-04-01	09:40	11:40	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-04-17	05:55	08:55	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-05-15	07:50	11:50	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-06-16	00:30	04:30	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-07-20	00:12	04:12	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-08-16	05:00	09:00	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-09-23	20:00	23:59	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-10-18	19:20	22:20	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-11-05	17:10	20:10	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2022-12-16	10:20	14:20	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-01-17	00:50	02:50	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-01-17	13:20	15:20	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-02-15	21:50	23:50	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
		3	4	2023-04-03	15:30	18:00	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
1	2	3	4	2023-04-18	08:00	10:00	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-05-15	10:50	12:50	2, 5, 15, 50 μ s, staggered, 2 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-06-15	03:10	05:40	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-07-14	08:00	10:00	2, 5, 15, 50 μ s, staggered, 2 times, with SC

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S/C				Date	Start	Stop	Comment
							staggered, with GX patch on SC2
1	2	3	4	2023-08-12	18:40	22:40	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
1	2	3	4	2023-09-08	21:15	23:45	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
	2	3	4	2023-10-08	07:35	11:35	2, 5, 15, 50 μ s, staggered, 4 times, with SC staggered, with GX patch on SC2
	2	3	4	2023-11-13	17:44	20:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
	2	3	4	2023-12-12	05:24	07:40	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
	2	3	4	2024-01-15	20:44	23:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered, with GX patch on SC2
		3	4	2024-02-13	12:50	15:20	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
		3	4	2024-04-08	13:00	15:30	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
		3	4	2024-04-28	21:30	23:59	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
		3	4	2024-06-15	11:54	14:40	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
		3	4	2024-07-30	16:30	19:00	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
		3	4	2024-08-26	19:15	21:45	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered
		3	4	2024-09-28	01:30	04:00	2, 5, 15, 50 μ s, staggered, 3 times, with SC staggered

Last update: 2024 Sep 06