

Estimated Decay of Phobos-Grunt (2011-065A / 37872)

Latest Estimate as of 2012 Jan 13 11:27 UTC

Compiled by Ted Molczan

Source: Method	Link to Report ¹	Date of Estimate ²	Age	Estimated Decay	Uncertainty ³	
		UTC	d	UTC	h	d
Harro Zimmer	http://satobs.org/seesat/Jan-2012/0121.html	2012 Jan 12 08:20:08	1.13	2012 Jan 15 12:00:00	3	0.13
Molczan: Satevo		2012 Jan 13 06:17:43	0.21	2012 Jan 15 13:13:00	11	0.46
Molczan: Satana+Satevo		2012 Jan 13 06:17:43	0.21	2012 Jan 15 14:30:00	11	0.47
The Aerospace Corporation	http://reentrynews.aero.org/2011065a.html	2012 Jan 12 08:20:08	1.13	2012 Jan 15 17:57:00	20	0.83
Roscosmos	http://www.roscosmos.ru/main.php?id=2&nid=18551	2012 Jan 13 06:44:23	0.20	2012 Jan 15 20:22:00	12	0.50
Celestrak: AGI Lifetime	http://celestrak.com/events/reentry/phobos-grunt.asp	2012 Jan 13 09:13:14	0.09	2012 Jan 15 21:35:04	13	0.54
Abdolreza Lavari	http://satobs.org/seesat/Jan-2012/0126.html	2012 Jan 13 00:26:32	0.46	2012 Jan 16 03:00:00	0	0.00
Paul Salanitri	http://satobs.org/seesat/Jan-2012/0062.html	2012 Jan 06 13:07:00	6.93	2012 Jan 17 01:00:00	48	2.00

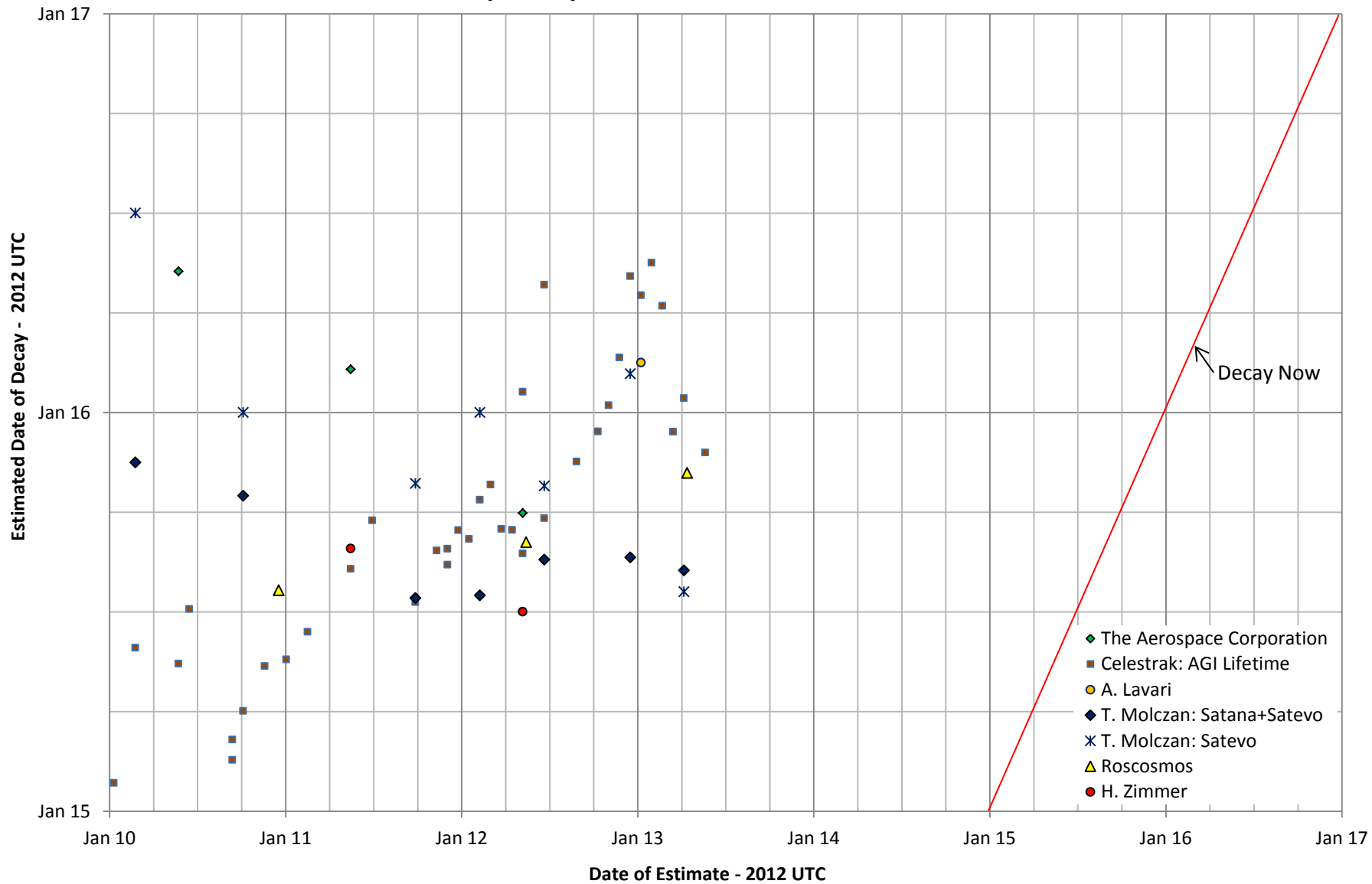
¹Current as of this compilation. Certain links may contain only latest estimate by source.

²Typically correspond to epoch of orbital elements used to estimate decay. Additional information in spreadsheet tables.

³Celestrak and Roscosmos decay uncertainty was estimated by TJM, based on data provided by source. Additional information in spreadsheet tables.

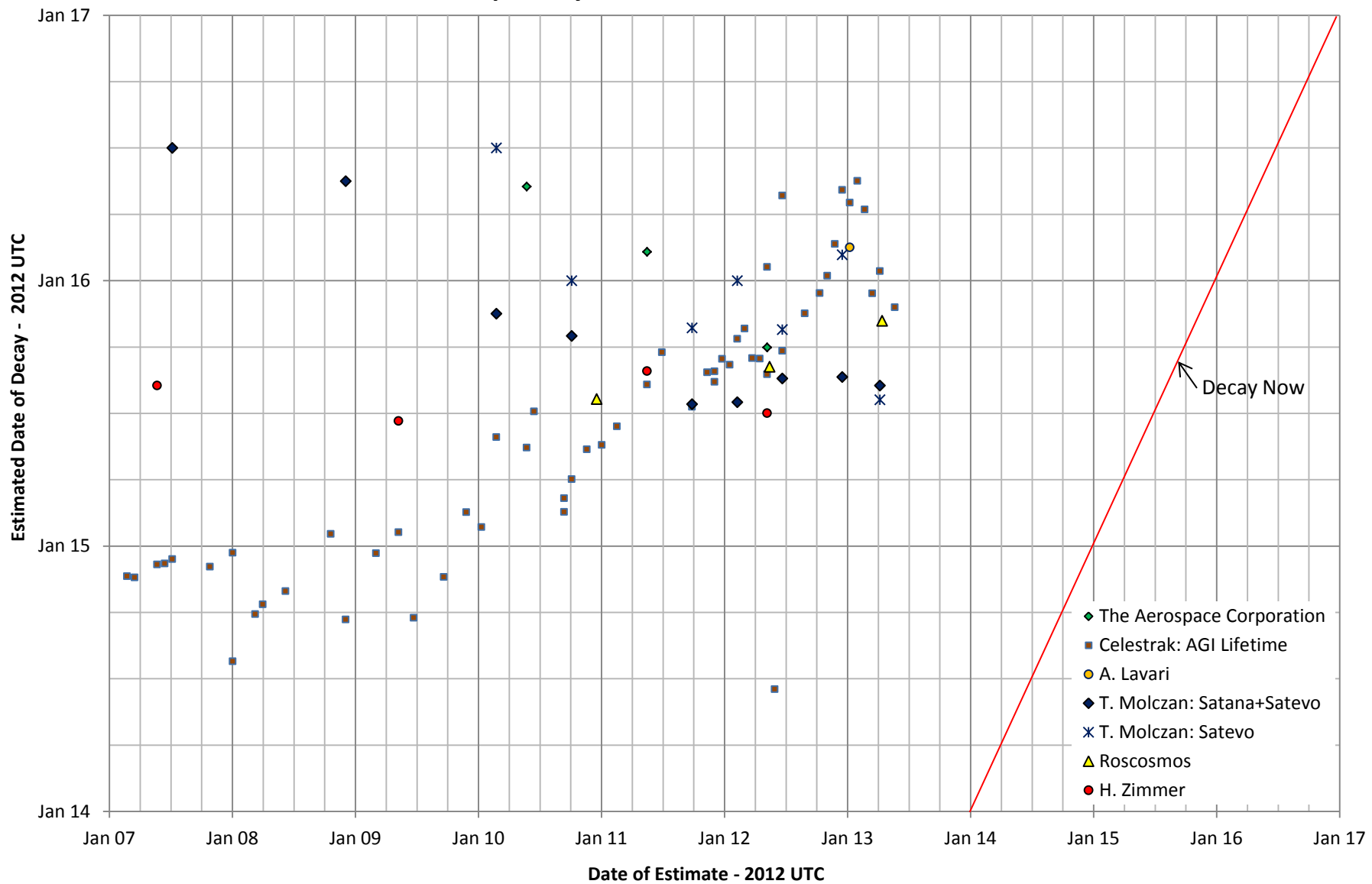
Evolution of Decay Estimates of Phobos-Grunt (2011-065A / 37872)

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