

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

Latest Estimate as of 2012 Jan 15, 15:33 UTC

Compiled by Ted Molczan

Source: Method	Link to Report ¹	Date of Estimate ²	Age ³	Estimated Decay ⁴	Uncertainty ⁵	
		UTC	h	UTC	h	d
Molczan: Satana+Satevo		2012 Jan 15 09:21	6.2	2012 Jan 15 16:37	1.45	0.06
V. Yurasov: GOST		2012 Jan 15 06:26	9.1	2012 Jan 15 17:27	1.48	0.06
Paul Salanitri	http://satobs.org/seesat/Jan-2012/0181.html	2012 Jan 15 09:36	6.0	2012 Jan 15 17:30	3.00	0.13
Russian Aerospace Defence Forces		2012 Jan 13 05:00	58.5	2012 Jan 15 17:51	NA	NA
Abdolreza Lavari	http://satobs.org/seesat/Jan-2012/0168.html	2012 Jan 14 20:15	19.3	2012 Jan 15 18:00	NA	NA
Harro Zimmer	http://satobs.org/seesat/Jan-2012/0178.html	2012 Jan 15 09:21	6.2	2012 Jan 15 18:02	0.40	0.02
V. Yurasov: NRLMSIS		2012 Jan 15 06:26	9.1	2012 Jan 15 18:11	1.02	0.04
Roscosmos	http://www.roscosmos.ru/main.php?id=2&nid=18564	2012 Jan 15 14:30	1.1	2012 Jan 15 18:21	0.85	0.04
The Aerospace Corporation	http://reentrynews.aero.org/2011065a.html	2012 Jan 15 06:25	9.1	2012 Jan 15 19:21	3.00	0.13
Molczan: Satevo		2012 Jan 15 09:21	6.2	2012 Jan 15 20:07	2.15	0.09

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

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

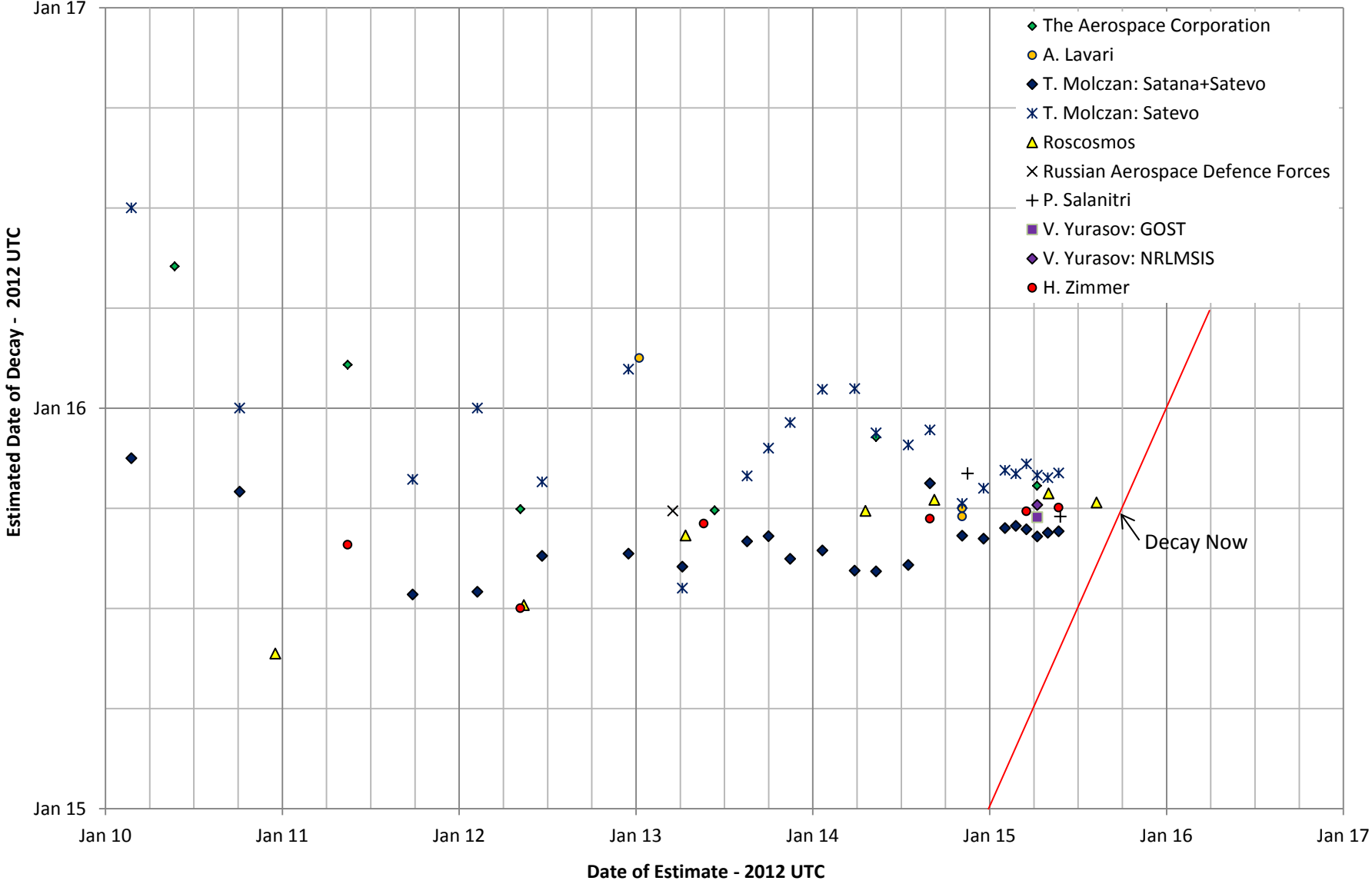
³Hours since estimate was made, as of the time of this compilation.

⁴Sorted from earliest to latest.

⁵Roscosmos decay uncertainty was estimated by TJM, based on data provided by source. Additional information in spreadsheet tables.

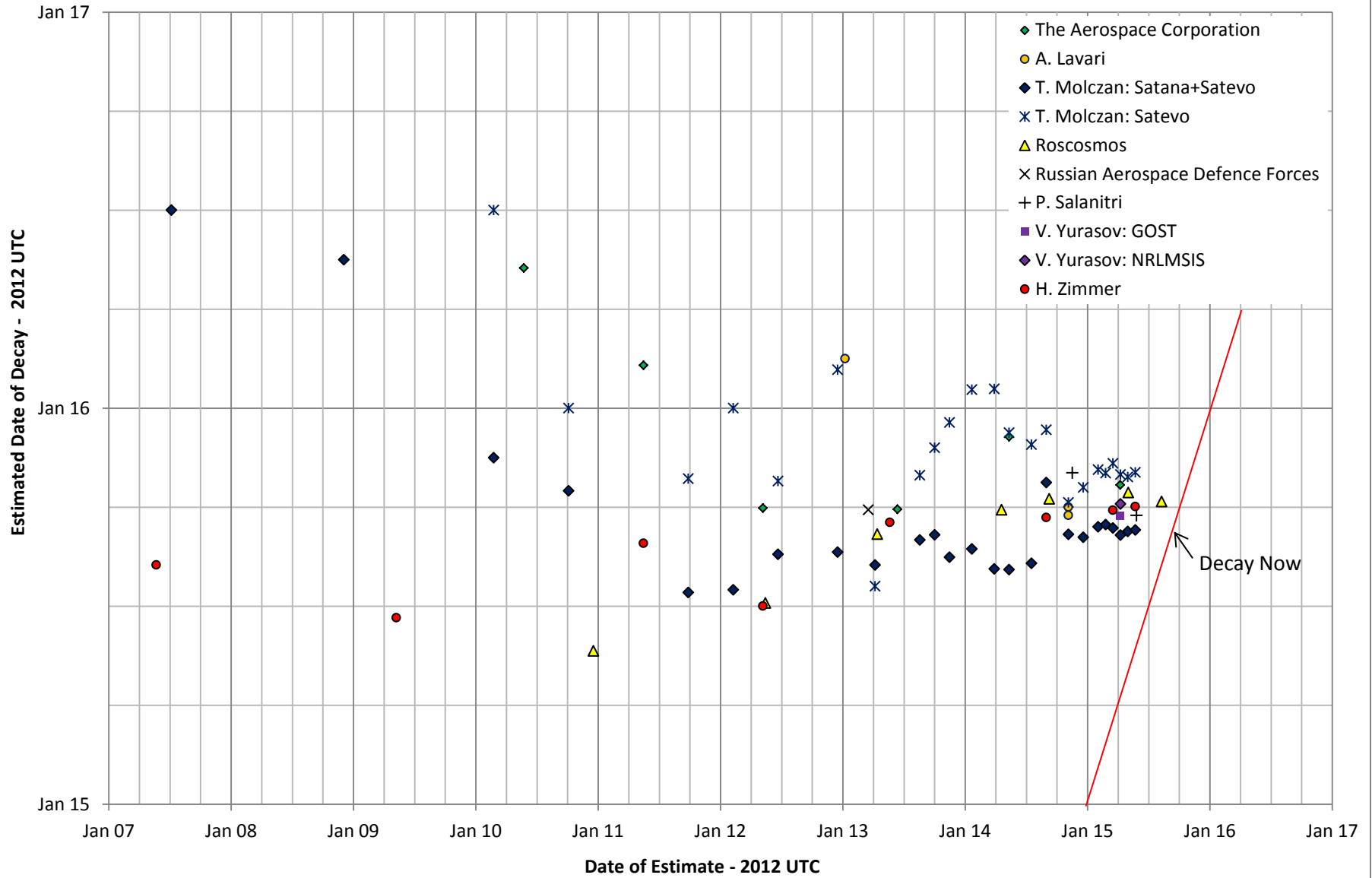
Evolution of Decay Estimates of Phobos-Grunt (2011-065A / 37872)

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