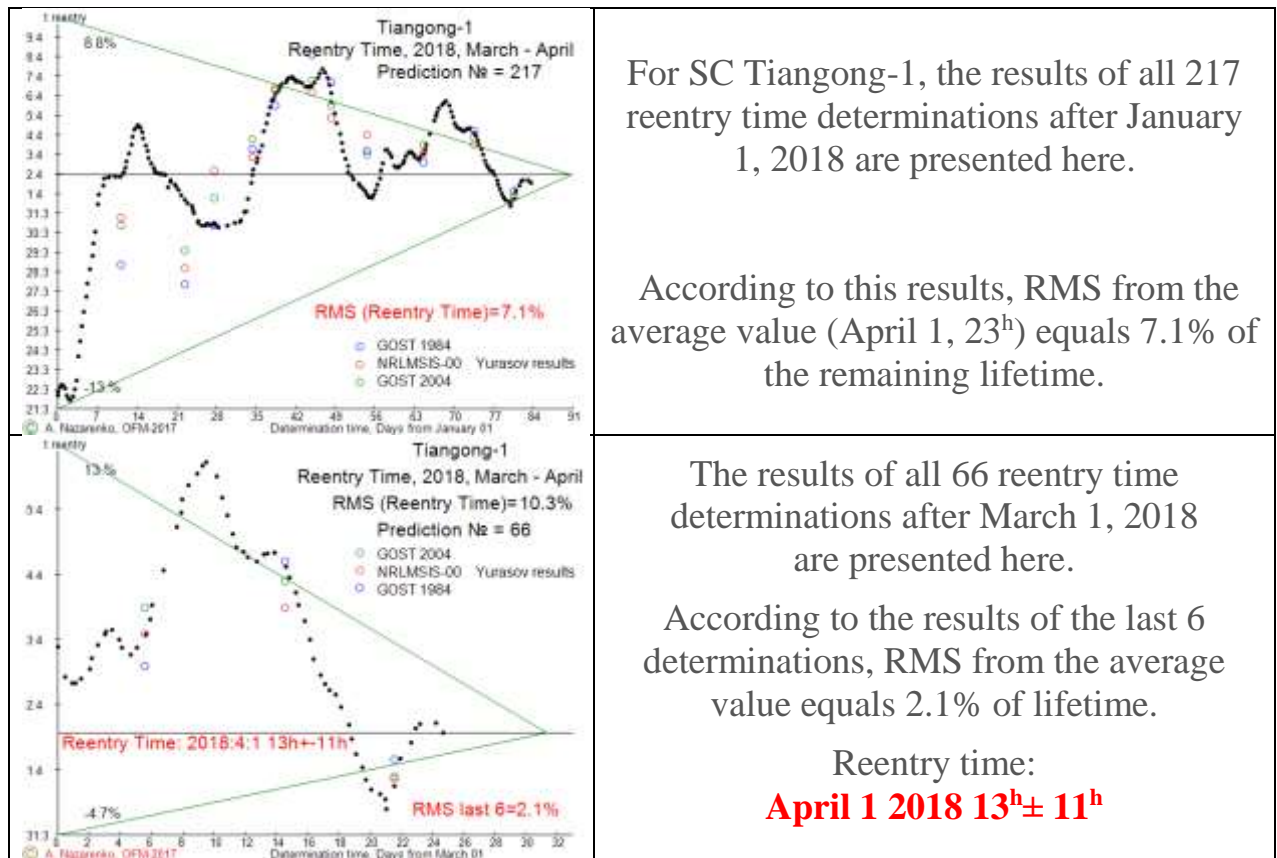


## XV. Decay Epoch of the "Tiangong-1" Spacecraft. March 26, 2018

Andrey I. Nazarenko, Professor, retired

### 1. The results for March 26, 2018



### 2. Recent publication of other authors

a) Aerospace Corporation

Tiangong-1 is predicted to reenter in around **April 1st, 2018 ± 3 Days**.

This prediction was performed by The Aerospace Corporation on 2018 March 22.

б) ESA data:

Latest reentry forecast provided by ESA's Space Debris Office, ESOC, Darmstadt, Update 24 March 2018. The current estimated reentry window remains between **30 March and 2 April**; this is highly variable.

### References

1. A.I. Nazarenko, V.S. Yurasov, S.V. Tikhomirova. Determination of the satellite reentry time with allowance for random variations of atmospheric drag. ESOC, Reentry Workshop 2018, Darmstadt.
2. A.I. Nazarenko. Stochastic astrodynamics tasks. Mathematical methods and algorithms for solving. Moscow, URSS, 2017, 352 (p).