Japan Aerospace Exploration Agency (JAXA)

KAGUYA (SELENE)
Period Error Correction Maneuver (ΔVc2)

The Japan Aerospace Exploration Agency (JAXA) plans to carry out a period error correction maneuver (ΔVc2) for the “KAGUYA” (SELENE) from around 4:59 a.m. on September 20, 2007 (Japan Standard Time, JST.)

* Period adjustment maneuver (ΔVp1): orbit control to adjust the KAGUYA’s orbit period (8 in the above figure)
* Period error correction maneuver (ΔVc2): orbit control to correct errors with ΔVp1 orbit control and determination (9 in the above figure)

[Note] The period adjustment maneuver (ΔVp1) was successfully performed and the orbit error caused by this maneuver was within the normal range. However, we decided to carry out the period error correction maneuver (ΔVc2) in order to conduct further operations more efficiently.

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