September 21, 2007 (JST)
Japan Aerospace Exploration Agency (JAXA)

KAGUYA (SELENE)
Result of the Period Error Correction Maneuver (ΔVc2)

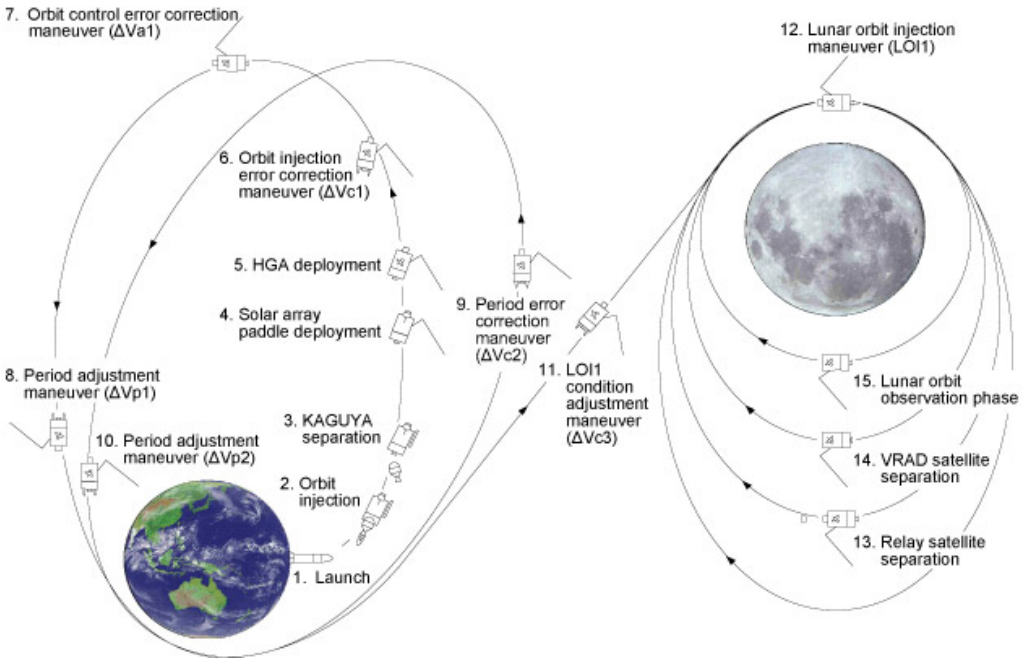
The Japan Aerospace Exploration Agency (JAXA) performed the period error correction maneuver (ΔVc2) for the "KAGUYA" (SELENE.)

* The "KAGUYA" (SELENE) is a lunar explorer launched by the H-IIA Launch Vehicle No. 13 (H-IIA F13) on September 14, 2007 (JST) from the Tanegashima Space Center.

As a result of the orbit calculation after the maneuver, we have confirmed that the KAGUYA was injected into the following orbit.

	Injected orbit
Apogee altitude	379,196 km
Perigee altitude	1,055 km
Period	10 days 0 hours 48 minutes

The satellite is confirmed to be in good health through telemetry data received at the USUDA station.



* 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.

For inquiries

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