



December 20, 2006 (JST)
Japan Aerospace Exploration Agency (JAXA)

Orbit Determination Result and the Second Apogee Engine Firing Schedule of the Engineering Test Satellite VIII “KIKU No. 8”

JAXA would like to announce the orbit determination result of the “KIKU No. 8” after its first apogee engine firing.

We have confirmed that the KIKU No. 8 has been injected into the scheduled second transfer orbit as a result of the orbit determination.

	Determination result	Scheduled value
Apogee Altitude	35,994 km	35,996 km
Perigee Altitude	4,057 km	4,115 km
Inclination	16.7 degrees	16.7 degrees
Period	11 hours 51 minutes	11 hours 52 minutes

JAXA will perform the second apogee engine firing for about 90 minutes from 6:48 a.m. on December 20, 2006 (Japan Standard Time, JST) to inject the satellite into the third transfer orbit.

The satellite is in good condition.

Next Update:

The result of the second apogee engine firing will be released at around 12:00 p.m. on Dec. 20 (JST.)

This information is also available on the following website:

<http://www.jaxa.jp/>

For inquiries:

JAXA Tsukuba Space Center General Administration Office

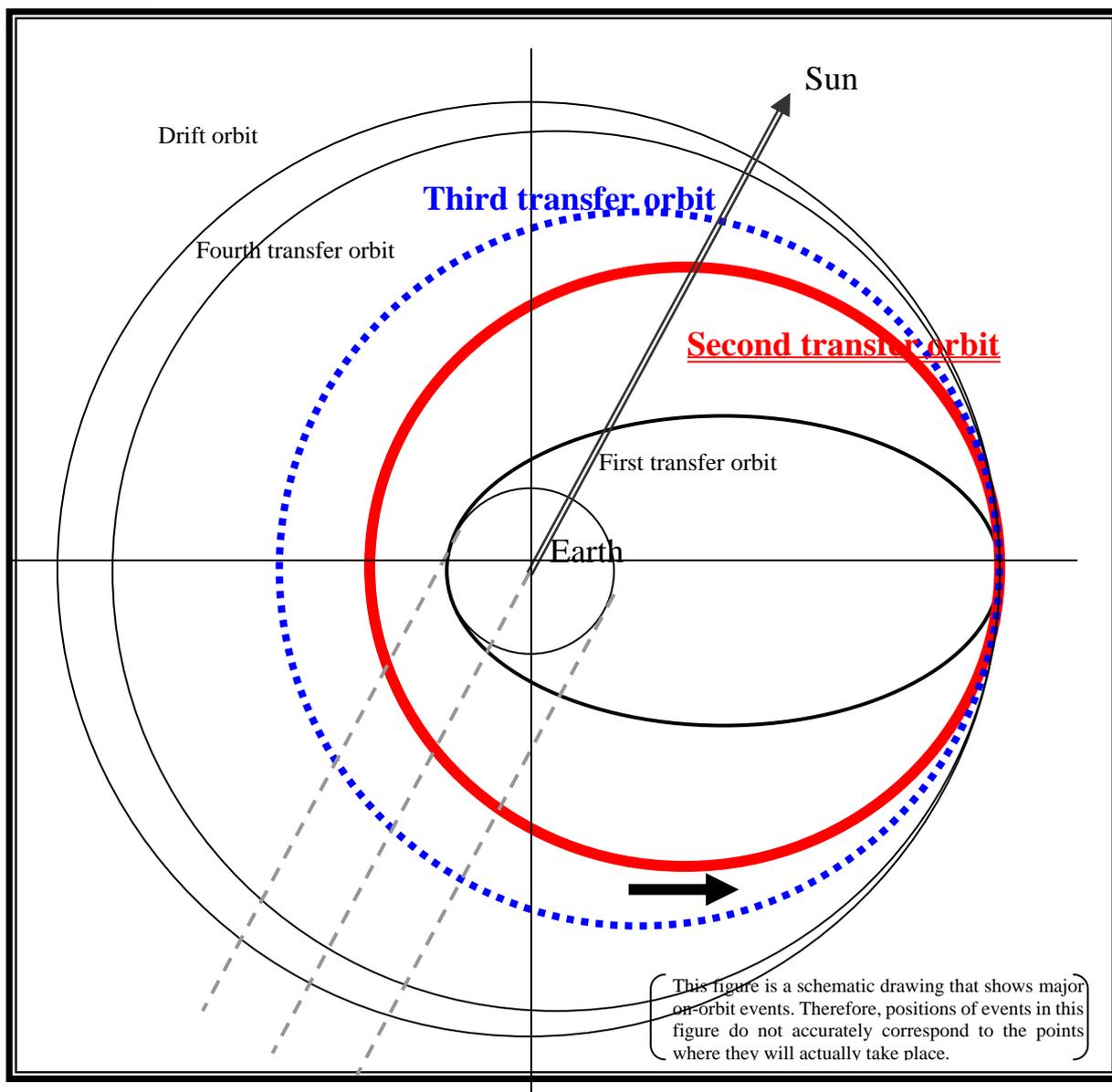
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Event	Revolution
Second stage/KIKU No. 8 separation	1
Solar array paddle deployment	1
Solar array paddle sun acquisition	1
<u>First apogee engine firing</u>	2
Second apogee engine firing	4
Third apogee engine firing	9
Fourth apogee engine firing	10
Shift to the three axis attitude control	10
Large Deployable Reflectors (LDR) Deployment	11
Shift to the regular control mode	12

Flight Plan of the "KIKU No. 8"

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