



December 21, 2006 (JST)

Japan Aerospace Exploration Agency (JAXA)

Orbit Determination Result and the Third 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 second apogee engine firing.

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

	Determination result	Scheduled value
Apogee Altitude	35,989Km	35,992Km
Perigee Altitude	12,014Km	12,033Km
Inclination	7.6degrees	7.7degrees
Period	14 hours 38 minutes	14 hours 38 minutes

JAXA will perform the third apogee engine firing for about 86 minutes at 8:00 a.m. on December 23, 2006 (Japan Standard Time, JST) to inject the satellite into the fourth transfer orbit.

The satellite is in good condition.

Next Update:

The result of the third apogee engine firing will be released at around 1:00 a.m. on Dec. 23 (JST.)

This information is also available on the following website:

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

For inquiries:

JAXA Tsukuba Space Center General Administration Office

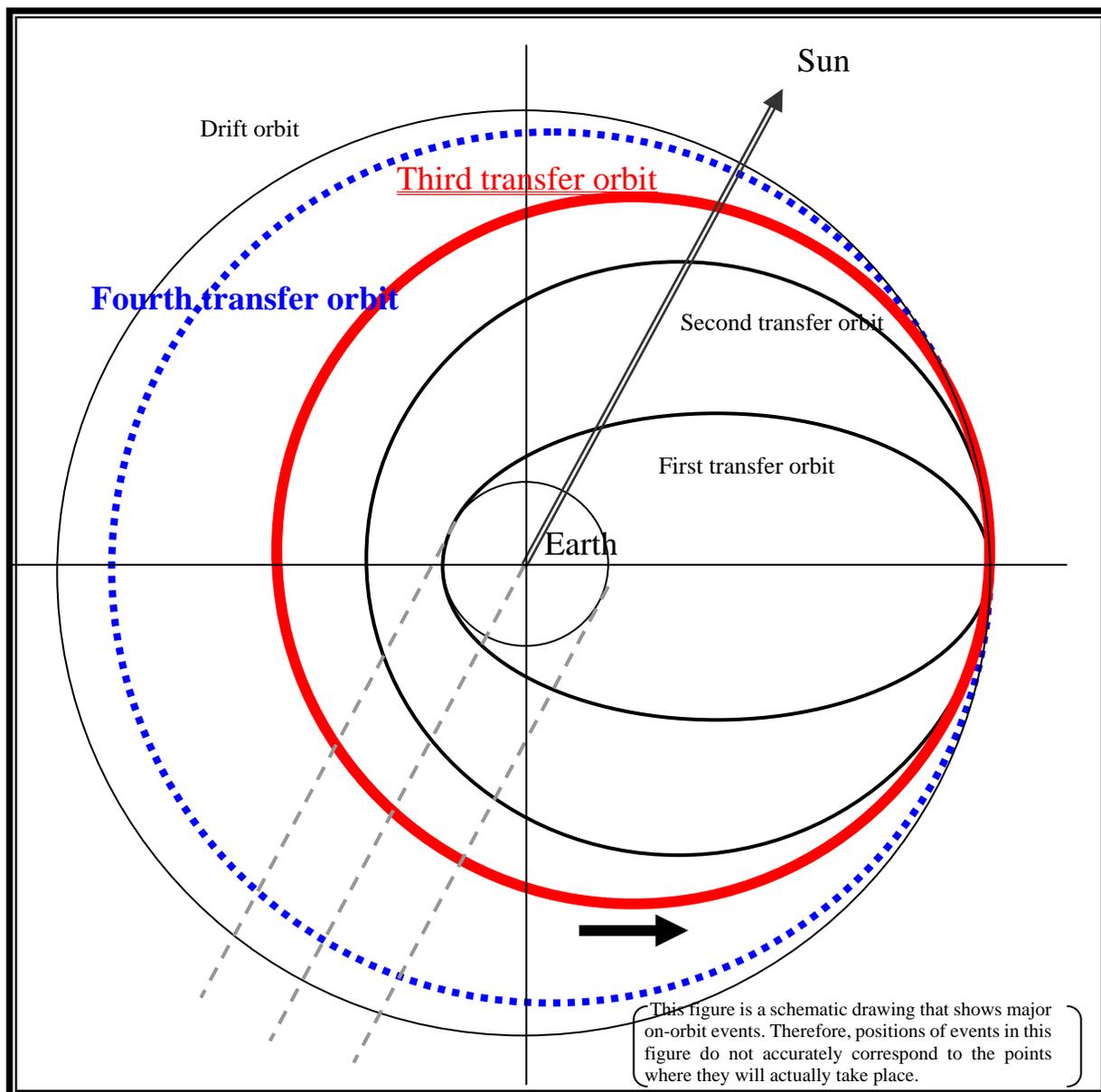
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Event	Revolution
Second stage/KIKU No. 8 separation	1
Solar array paddle deployment	1
Solar array paddle sun acquisition	1
First apogee engine firing	2
<u>Second apogee engine firing</u>	4
Third apogee engine firing	9
Fourth apogee engine firing	10
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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