



February 29, 2008 (JST)
Japan Aerospace Exploration Agency

KIZUNA (WINDS) Orbit Calculation Results and Schedule of the 20N Thruster Firing

The Japan Aerospace Exploration Agency would like to inform you of the orbit calculation results after the fourth apogee engine firing. As a result of the calculation, we have confirmed that the KIZUNA was injected into its scheduled fifth transfer orbit.

	Result *	Schedule *
Apogee altitude	35,822km	(35,822km)
Perigee altitude	34,652km	(34,599km)
Orbit inclination	0.21degrees	(0.22degrees)
Period	23hours and 28minutes	(23hours and 26minutes)

* Decimal fractions are rounded off.

The 20N thruster firing is scheduled to start around 12:24 p.m. on Feb. 29, 2008 (Japan Standard Time, JST), for 9 minutes to inject the satellite into the drift orbit.

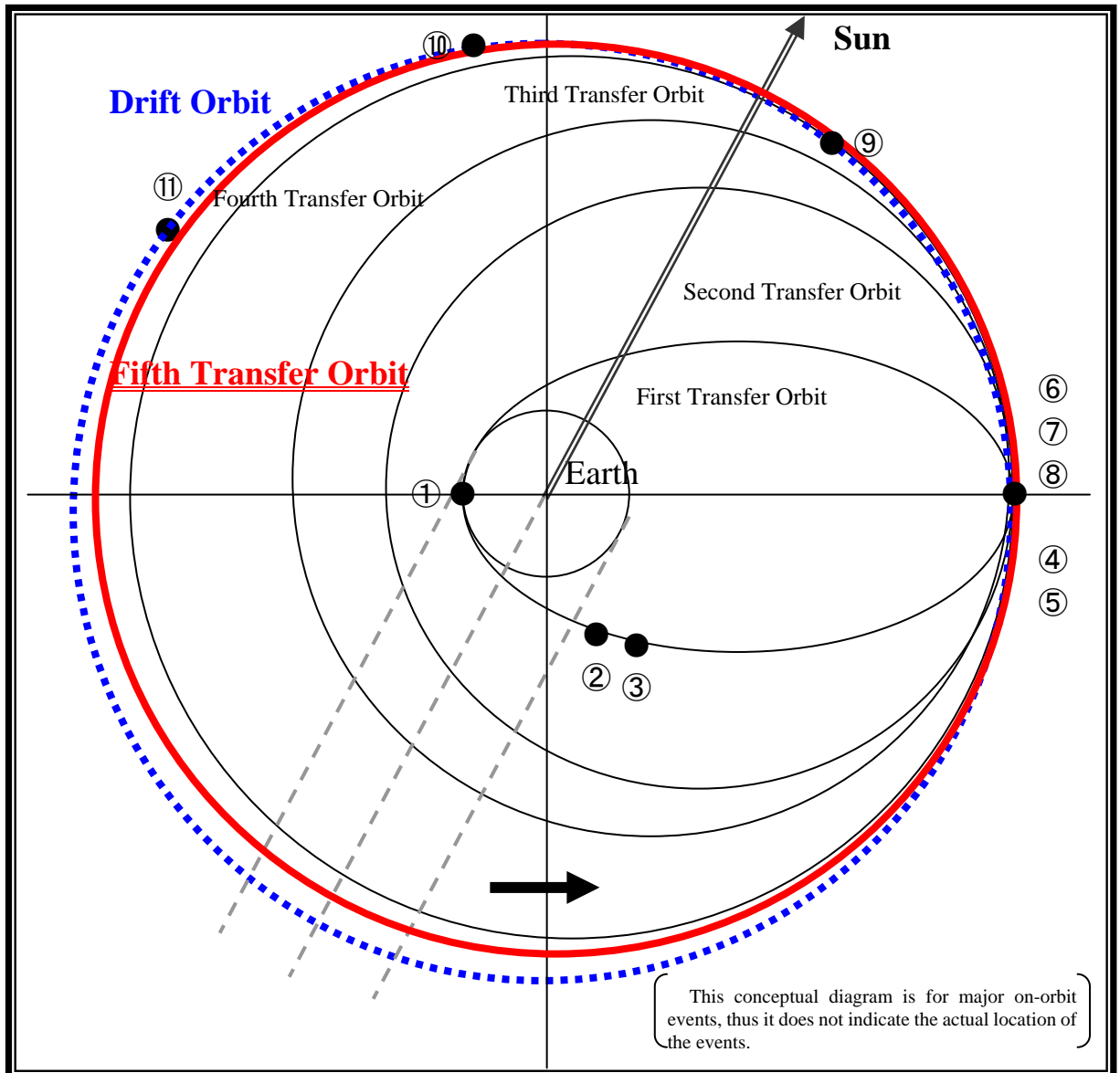
The satellite is in good health.

(Note)

- Drift orbit: The last step orbit prior to the geostationary orbit. A circular orbit whose altitude is about 36,000 km.

(Scheduled next information release)

We plan to announce the result of the 20N thruster firing at around 14:30 p.m. on February 29 (JST.)



Event	Revolution
①L/V second stage/KIZUNA separation	1
②Solar array paddle deployment	1
③Solar array paddle sun acquisition	1
④First apogee engine firing	2
⑤Second apogee engine firing	4
⑥Third apogee engine firing	6
<u>⑦Fourth apogee engine firing</u>	7
⑧20 N thruster firing	9
⑨Multi-beam antenna (MBA) deployment	10
⑩Shifting to the three axis attitude control	10
⑪Paddle rotation start	10

KIZUNA Flight Plan