



February 27, 2008 (JST)
Japan Aerospace Exploration Agency

KIZUNA (WINDS) Orbit Calculation Results and Schedule of the Fourth Apogee Engine Firing

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

	Result *	Schedule *
Apogee altitude	35,822 km	(35,821 km)
Perigee altitude	32,261 km	(32,315 km)
Orbit inclination	0.54 degrees	(0.62 degrees)
Period	22 hours and 27 minutes	(22 hours and 29 minutes)

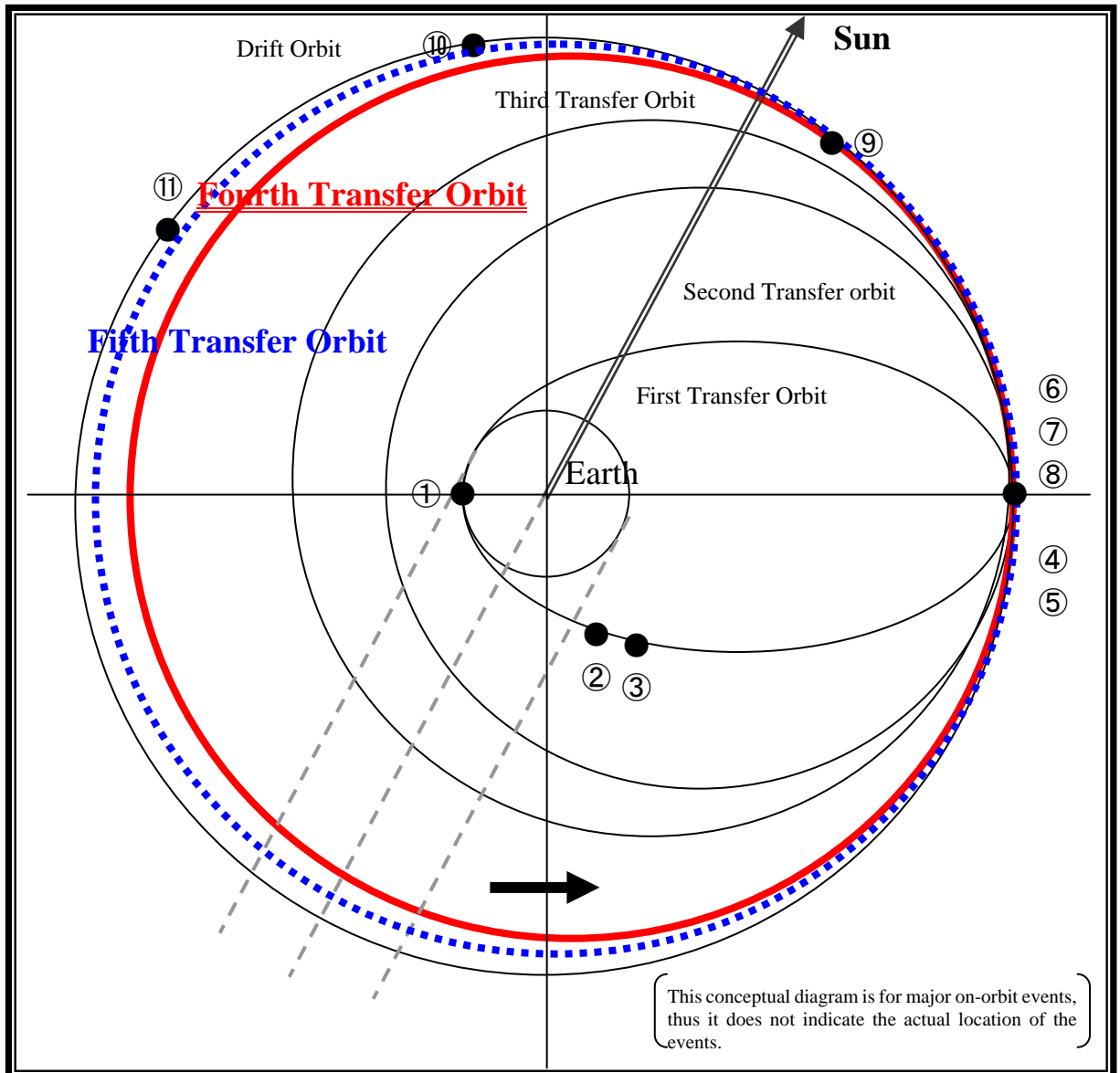
* Decimal fractions are rounded off.

The fourth apogee engine firing is scheduled to start around 1:34 p.m. on Feb. 27, 2008 (Japan Standard Time, JST), for about 5 minutes to inject the satellite into the fifth transfer orbit. As a result of the analysis after the third apogee engine firing, it is estimated that the apogee engine will be automatically stopped when propellant (oxidizer) is used up during the fourth apogee engine firing. Such an automatic stop is expected to occur, thus does not affect further orbit maneuvers.

The satellite is in good health.

(Scheduled next information release)

We plan to announce the result of the fourth apogee engine firing at around 4:00 p.m. on February 27 (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
⑦Fourth apogee engine firing	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