

## **North Korean satellite Kwangmyongsong-2 orbit information**

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Pyongyang, April 5 (KCNA) — Scientists and technicians of the DPRK have succeeded in putting satellite Kwangmyongsong-2, an experimental communications satellite, into orbit by means of carrier rocket Unha-2 under the state long-term plan for the development of outer space.

Unha-2, which was launched at the Tonghae Satellite Launching Ground in Hwadae County, North Hamgyong Province at 11:20 on April 5, Juche 98 (2009), accurately put Kwangmyongsong-2 into its orbit at 11:29:02, nine minutes and two seconds after its launch.

The satellite is going round the earth along its elliptic orbit at the angle of inclination of 40.6 degrees at 490 km perigee and 1,426 km apogee. Its cycle is 104 minutes and 12 seconds.

Mounted on the satellite are necessary measuring devices and communications apparatuses.

The satellite is going round on its routine orbit.

It is sending to the earth the melodies of the immortal revolutionary paeans "Song of General Kim Il Sung" and "Song of General Kim Jong Il" and measured information at 470 MHz. By the use of the satellite the relay communications is now underway by UHF frequency band.

The satellite is of decisive significance in promoting the scientific researches into the peaceful use of outer space and solving scientific and technological problems for the launch of practical satellites in the future.

Carrier rocket Unha-2 has three stages.

The carrier rocket and the satellite developed by the indigenous wisdom and technology are the shining results gained in the efforts to develop the nation's space science and technology on a higher level.

The successful satellite launch symbolic of the leaping advance made in the nation's space science and technology was conducted against the background of the stirring period when a high-pitched drive for bringing about a fresh great revolutionary surge is under way throughout the country to open the gate to a great prosperous and powerful nation without fail by 2012, the centenary of birth of President Kim Il Sung, under the far-reaching plan of General Secretary Kim Jong Il. This is powerfully encouraging the Korean people all out in the general advance.

<http://vsatku.blogspot.com/2009/04/kcna-publish-north-korea-satellite.html>