

# The Statement at the press conference of the State Council Information Office

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Ran Chengqi

BeiDou Navigation Satellite System Press Spokesman

Director of China Satellite Navigation Office

Ladies and Gentlemen,

Good Morning! It's my great pleasure to attend the press conference this morning together with Mr. Zhao Xiaojin. Firstly, I would like to announce that, BeiDou Navigation Satellite System will formally provide Initial operational service since today. Now, I will give a brief introduction about the BeiDou system.

As a Global Navigation Satellite System compatible with other navigation satellite systems worldwide, BeiDou system is independently established and operated by China, which can provide all time, all weather positioning, navigation and timing services with high accuracy and high reliability, as well as short message service for all kinds of users. According to the general guideline of 'quality, safety, application and benefits' and adhering to the development principle of "independency, openness, compatibility and gradualness", BeiDou system is steadily accelerating the construction based on a "three-step" development strategy. The first step has been achieved: in 2000, BeiDou Navigation Satellite Demonstration System was established,

which made China the third nation in the world in possession of an independent navigation satellite system. The second step is to establish the BeiDou Navigation Satellite System offering services covering most Asia-Pacific region around 2012. The third step is to complete the BeiDou Navigation Satellite System with global coverage by 2020.

So far, 10 BeiDou satellites have been launched and already formed the basic system. It retains the active positioning and short message services from BeiDou Navigation Satellite Demonstration System, and will provide Initial Operational services to China and its surrounding areas from today, including continuous passive positioning, navigation and timing services.

### **I. About the service performances of BeiDou system during the Initial Operational period**

Through previous testing upon the system, the main service performances of BeiDou system during the Initial Operational period are as follows:

1. Service coverage area: from  $84^{\circ}\text{E}$  to  $160^{\circ}\text{E}$ , from  $55^{\circ}\text{S}$  to  $55^{\circ}\text{N}$ ;
2. Positioning Accuracy: Horizontally, 25 meters, Vertically, 30 meters;
3. Velocity accuracy: 0.4 meters per second;
4. Timing accuracy: 50 ns

Based on the launching plan of BeiDou system, 6 more BeiDou satellites will be launched in 2012 to further expand service area, improve performances and provide services for most parts of Asia-Pacific region.

### **II. Interface Control Document (ICD) for space signals of BeiDou system**

In order to encourage domestic and foreign enterprises to participate in the

R&D of BeiDou system application terminals and promote its application, we announce the test version of ICD concerning BeiDou System signal-in-space today. Both Chinese and English versions will be published on BeiDou governmental website ([www.beidou.gov.cn](http://www.beidou.gov.cn)). This document will specify the signal interface relations between BeiDou Navigation Satellite System and user receivers. It will be a necessary technical document for manufacturing and development of receivers and chips.

### **III. Organization and Management on the construction and application of BeiDou system**

Many governmental departments of our country have been involved in the construction, operation and application management of BeiDou system. As a joint office established by related national departments, China Satellite Navigation Office is in charge of management on the construction, application promotion and industrialization of BeiDou system. Meanwhile, an Experts Committee, with Academician Sun Jiadong as the director, was also established to bring into full play of the experts' experience, and make scientific and democratic decisions.

That's all for my introduction. For more information concerning BeiDou system, please log on BeiDou governmental website. You are also welcome to raise questions to us right now.