

The Construction of China's Satellite Navigation Legal System

14th Meeting of the International Committee on
Global Navigation Satellite Systems

Junlin Yang

Head of Legal expert group of China Satellite Navigation Office
Professor of Beihang University

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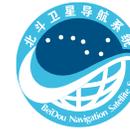


| Introduction |



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- 02 Main methods of the construction of satellite navigation legal system in China.**
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01

China pays great attention to the construction of satellite navigation legal system.

01

China's great attention to the construction of satellite navigation legal system.

◆ In order to promote the development of BeiDou Navigation Satellite System, China is in line with the rule of law.



White Paper on China's BeiDou Navigation Satellite System, issued in 2016



Medium and Long Term Development Plan of National Satellite Navigation Industry, issued in 2013 on the website of General Office of the State Council

01

China's great attention to the construction of satellite navigation legal system.

◆ Chinese government has formulated a set of laws and regulations, related to satellite navigation.



- ◆ 《Law of the People's Republic of China on Scientific and Technological Progress》
- ◆ 《Law of the People's Republic of China on Promoting the Transformation of Scientific and Technological Achievements》
- ◆ 《Law of the People's Republic of China on the Promotion of Small and Medium-sized Enterprises》
- ◆ 《Anti-Unfair Competition Law of the People's Republic of China》
- ◆ 《Patent Law of the People's Republic of China》
- ◆ 《Trademark Law of the People's Republic of China》
- ◆ 《Surveying and Mapping Law of the People's Republic of China》
- ◆ 《Civil Aviation Law of the People's Republic of China》
- ◆ 《Regulation on Optimizing the Business Environment》
- ◆ 《Radio Regulation of the People's Republic of China》

01

China's great attention to the construction of satellite navigation legal system.

- ◆ China is also drafting a regulation on satellite navigation
- ◆ BDS is developed by China, dedicated to the world, and ruled by law.



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02

Main methods of the construction of satellite navigation legal system in China.

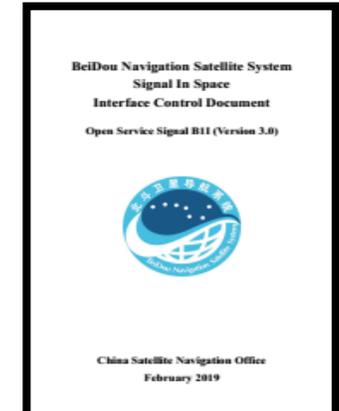
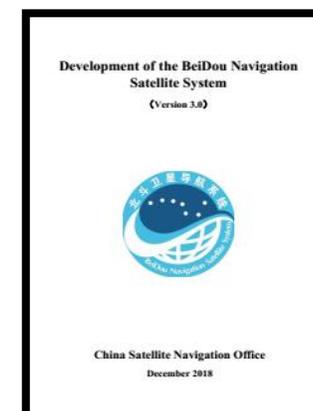
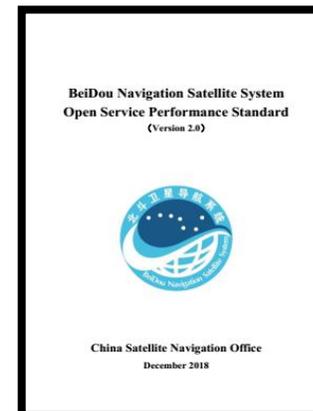
Main methods of the construction of satellite navigation legal system in China.

◆ Measures related to BDS construction

◆ Improving planning and coordination

◆ Enhancing mechanism on operation and maintenance

◆ Strengthening information publicity



Main methods of the construction of satellite navigation legal system in China.

◆ Measures related to GNSS applications

◆ Forming a market mechanism of fair competition

◆ Pushing forward integrated applications

◆ Making regulations to protect the rights and interests of all entities on the market



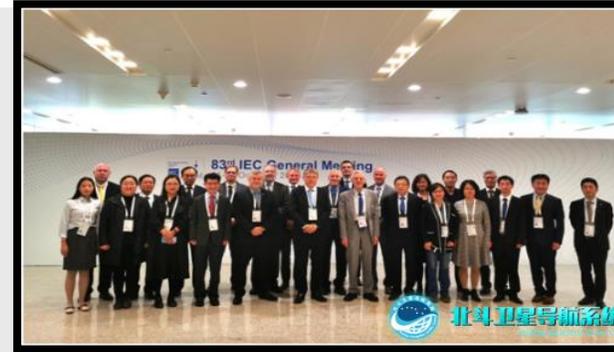
Main methods of the construction of satellite navigation legal system in China.

◆ Measures related to international cooperation of GNSS.

◆ Promoting compatibility and interoperability among GNSS

◆ Advancing the ratification of BDS by international standards

◆ Using frequency and orbital slot resources, according to international rules.



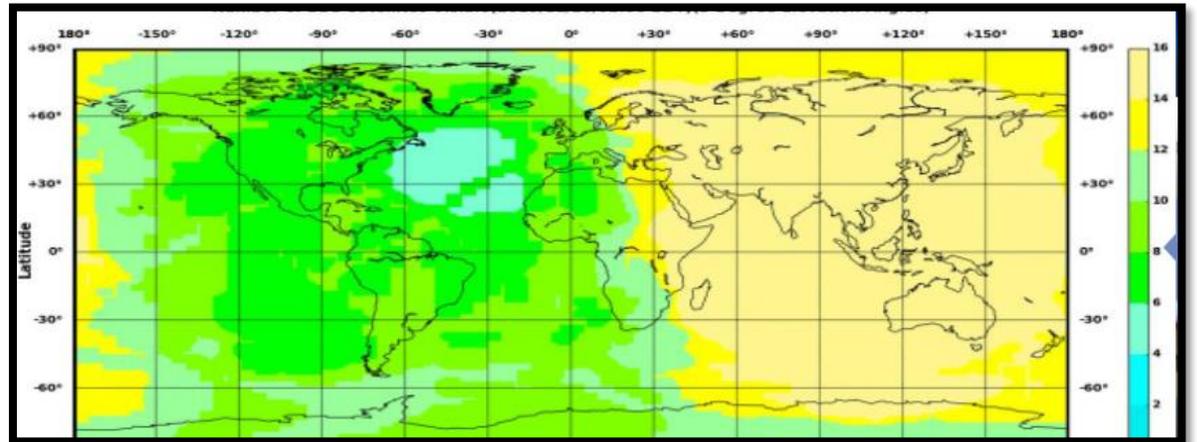
Main methods of the construction of satellite navigation legal system in China.

◆ Measures to ensure the safety of satellite navigation.

◆ Establishing the testing and assessment mechanism

◆ Making regulations to protect the safe operation

◆ Punishing hostile interference



03

China's suggestions on the construction of GNSS legal system

China's suggestions on the construction of GNSS legal system.

When GNSS are bringing benefits to society, they are also faced with risks and challenges.

- **1. The basic rights and obligations of signal providers and users;**
- **2. The open market and fair competition issue;**
- **3. The risk management and control for applications security;**
- **4. The damage assessment and liability for satellite navigation applications**

Conclusion

- All countries, organizations and experts need to work on legal issues of diversity and complexity together.
- We suggest to set up a special topic, regarding the satellite navigation legal issues, under the framework of ICG.
- We are willing to cooperate with all parties, to agree on the basic criteria, for solving these legal problems.