

Telecommunication standardization research and activities in China

- ◆ Course that the national standards and industrial standards are established in telecommunication?
- ◆ Organization that is in charge of standardization activities
- ◆ Situation of taking part in international standardization activities
- ◆ Popularization of standards
- ◆ Future plans

The general situation of established national standards in China

- ◆ By the end of 2001, there are 19744 national standards and 34000 industrial standards
- ◆ The 43.7 percent of the 19744 national standards, 8621 national standards, adopt international standards and foreign advanced standards.
- ◆ Source: www.sac.gov.cn (Web of Standardization Administration of the People's Republic of China)

The general situation of established national standards and industrial standards in telecommunication in China

- ◆ From 1978 to Jun. 2002, Ministry of Information Industry (including former Ministry of Posts and Telecommunication) organized technicians to establish 450 national standards in telecommunication.
- ◆ Now there are 30 national standards that are researching in telecommunication.
- ◆ From 1977 to Sep. 2002, Ministry of Information Industry(including former Ministry of Posts and Telecommunication) organized technicians to establish 850 industrial standards in telecommunication.
- ◆ Now there are 150 industrial standards that are researching in telecommunication.

organizational structure of standardization activities

- ◆ National administrative ministry : Standardization Administration of the People's Republic of China
- ◆ Industrial administrative ministry : Ministry of information industry
- ◆ Draftsman : research and testing institutes, operating enterprises, manufacturing, universities and other societies in nation

Situations of participating in international standardization activities(1)

◆ ITU

- Participate in ITU-T (15 SGs), ITU-R (9 SGs), ITU-D (2 SGs).
- There are over 500 people from 60 enterprises that have took part in the groups meetings since 1998.
- There are over 20 documents that have been submitted to ITU annually since 1998

Situations of participating in international standardization activities(2)

◆ 3GPP/3GPP2

-The enterprises joined in 3GPP/3GPP2 in the name of CWTS now.

-In addition, there are 10 independent members in 3GPP and 5 independent members in 3GPP2.

-We not only take part in the 3GPPs meetings actively by delegacy, but also host the 3GPPs meetings in China. CWTS has hosted nearly 20 3GPPs meeting since 2000.

-CWTS has submitted over 1000 documents to 3GPPs since 1999.

Situations of participating in international standardization activities(3)

- ◆ For tracking international soft switch development trends, Network and Switch Standard Group (NSSG) joined in ISC in 2002. Then an ISC meeting was hosted successfully by NSSG in Beijing.
- ◆ Network and Management Standard Group (NMSG) joined in TMF in 2001. Then NMSG organized delegates to attend the meetings and grasped development trends.
- ◆ Chinese delegation attended IETF meetings many times and grasped development trends.

Popularization and Spread of standards(1)

◆ Publish of standards

The standards that be approved by national or industrial ministry are published by national special publishing company

- National standards are published by Standard Press of China
- Industrial standards in telecommunication are published by People Posts and Telecommunications Publishing House.

Popularization and Spread of standards(2)

- ◆ Popularization and training of standards
 - Ministry of information industry is in charge of publicizing and implementing industrial standards in telecommunication.
 - Over 10 important technical standards were spread and over 1000 people took part in standardization training annually.

- ◆ Web of standards

www.ccsa.org.cn

www.pstn.net.cn

Future project

- ◆ Prepare for CCSA
- ◆ Organize and arrange activities of technical committees
- ◆ Enhance technology exchange and cooperation with the foreign
- ◆ Participate in activities of international standardization organizations actively.