

Study Group on Establishing Usage Environment for Next-Generation Broadband Technology Summary of Minutes (5th Meeting)

1. Date: Friday, April 27, 2007, 10:00 to 12:30
2. Location: Special Conference Room 1, 8th Floor, Ministry of Internal Affairs and Communications
3. Attendees
 - (1) Members (honorifics omitted)

Yuji Inoue, Takashi Ushikubo, Hiroyo Ogawa (proxy: Masahiro Toyoda), Satoshi Kurokawa, Takashi Koike (proxy: Kazuhiko Wakamori), Takayoshi Sasao, Makoto Tsubokawa, Masao Nakagawa (Vice Chair), Akira Hashimoto, Mitsutoshi Hatori (Chair), Tatsuaki Hamai, Ryuhei Fujiwara, Tomokuni Matsumura, Mitsuji Matsumoto, Kenji Murao (proxy: Takayuki Mabuchi), Hiroyuki Yashima, Yasuhiro Yamato, Tetsuya Yuge
 - (2) MIC Representatives

Sakurai (Director-General, Telecommunications Business Department), Sugiura (Director, Electromagnetic Environment Division), Emura (Director, Advanced Network Division), Katagiri (Senior Promotion Officer, Advanced Network Division), Usuda (Deputy Director, Advanced Network Division)
 - (3) Observers (honorifics omitted)

Shinichiro Haruyama (Keio University)
4. Outline of Proceedings
 - (1) Issues and their solutions regarding the broadband technology
 - Member Tsubokawa gave a presentation on Reference 5-1, followed by Member Sasao giving one on Reference 5-2 and Observer Haruyama giving one on Reference 5-3. Subsequently, the following questions and answers were voiced.
 - In regard to Reference 5-1, a question was asked on “coordination of standardization efforts of ITU-T and IEEE.” The response explained that the standards have been adopted in consideration of the economy and usability, since the physical specifications are the same. As for another question on “WDM wavelength allocation,” it was explained that the 1500 nm band is reserved for possible future use for video.
 - In response to a question on the “impact of the afternoon sun on transmission performance” in

Reference 5-2, it was explained that unless the system is provided with a built-in measure, it must be necessary to take some measure such as changing the installation location.

- In response to a question on the “receiver that conducts parallel communications by using multiple LED light sources” in Reference 5-3, it was explained that it is anticipated to be used for mobile terminals in the future.

(2) Draft Study Group Report

The secretariat explained Reference 5-4. Subsequently, the following opinions were voiced:

- Establishing a scheme to secure the minimum communications circuits automatically and at high speeds in the event of disaster is crucial. Meanwhile, in order to provide broadband access throughout Japan, it is important to support communications providers in their efforts to launch a wide variety of services.