



ASSOCIATION OF RADIO INDUSTRIES AND BUSINESSES

1-4-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 Japan

Tel +81 3 5510 8594 Fax +81 3 3592 1103 Website www.arib.or.jp

To: Mr. Ronald Resnick, Chair, WiMAX Forum
Dr. Roger Marks, Chair, IEEE802.16WG
Mr. Arnie Greenspan, Chair, IEEE802.20WG
Mr. Nobuhiro Horisaki, Chair, PHS MoU Group

Subject: Situation regarding standardization of BWA systems in Japan

Date: December 27, 2006

Dear Sirs,

It is my great pleasure to draw your attention to our activities and the latest situation in Japan regarding the progress of a study on broadband wireless access systems in the 2.5 GHz frequency band.

Association of Radio Industries and Businesses (ARIB) is a non-governmental Standards Development Organization (SDO) in Japan for radio systems in the field of telecommunications and broadcasting.

In April 2006, the Broadband Wireless Access (BWA) Subcommittee was established under the Advanced Wireless Communications Study Committee in ARIB to develop technical standards (ARIB standards) for broadband wireless access systems with an immediate focus on the systems used in the 2.5 GHz band.

The BWA Subcommittee, supported by about 90 members from manufacturers and operators, has met several times since its inauguration and plans to develop and publish ARIB standards of BWA systems within the framework of related regulations and a policy of licensing to be made probably at around the end of the first quarter of the next year by the Ministry of Internal Affairs and Communications (MIC) of Japan.

The progress of the study in Japan on BWA systems to be used in the 2.5GHz band is summarized as follows:

- On February 27, 2006, An inquiry regarding technical conditions for BWA systems to be used in the 2.5 GHz band was submitted by the Minister of Internal Affairs and Communications to the Telecommunications Council (an advisory body to the Minister).
- On November 17, 2006, the draft report for the inquiry was completed and submitted for public comments with the comment-submission deadline of December 8, 2006.
- On December 21, 2006, the Telecommunications Council approved the draft report

as the final one. The report includes precise frequency range to be used and draft technical conditions for four different technologies. A few key features are as follows:

» Frequency range:

2535 - 2630 MHz (95 MHz bandwidth) including guard bands

» Candidates of technologies and their corresponding standardization bodies:

- WiMAX WiMAX Forum, IEEE802.16WG

- MBTDD-Wideband IEEE802.20WG

- MBTDD 625k-MC IEEE802.20WG

- Next Generation PHS ... PHS MoU Group

- Based on the final report from the Telecommunications Council, a set of radio regulations and the policy on licensing are to be drafted, submitted for public comments and finally published during the timeframe of the first quarter of the next year.

According to the result of the process mentioned above, the BWA Subcommittee will work on development of draft ARIB standards for the system(s) to be finally implemented.

I would like to draw your attention to our intention to transpose the international standards of the technology(ies) determined to implement into ARIB standards under any appropriate bilateral agreement. We also would like to establish a liaison relationship with such standards development organization(s) to share relevant information before the conclusion of such agreement for transposition.

As the Chair of the BWA Subcommittee, it is my great pleasure that you understand the situation on this latest issue in Japan and I will inform you when any new development is made.

Sincerely yours,



Fumio Watanabe
Chair, BWA Subcommittee
Advanced Wireless Communications Study Committee