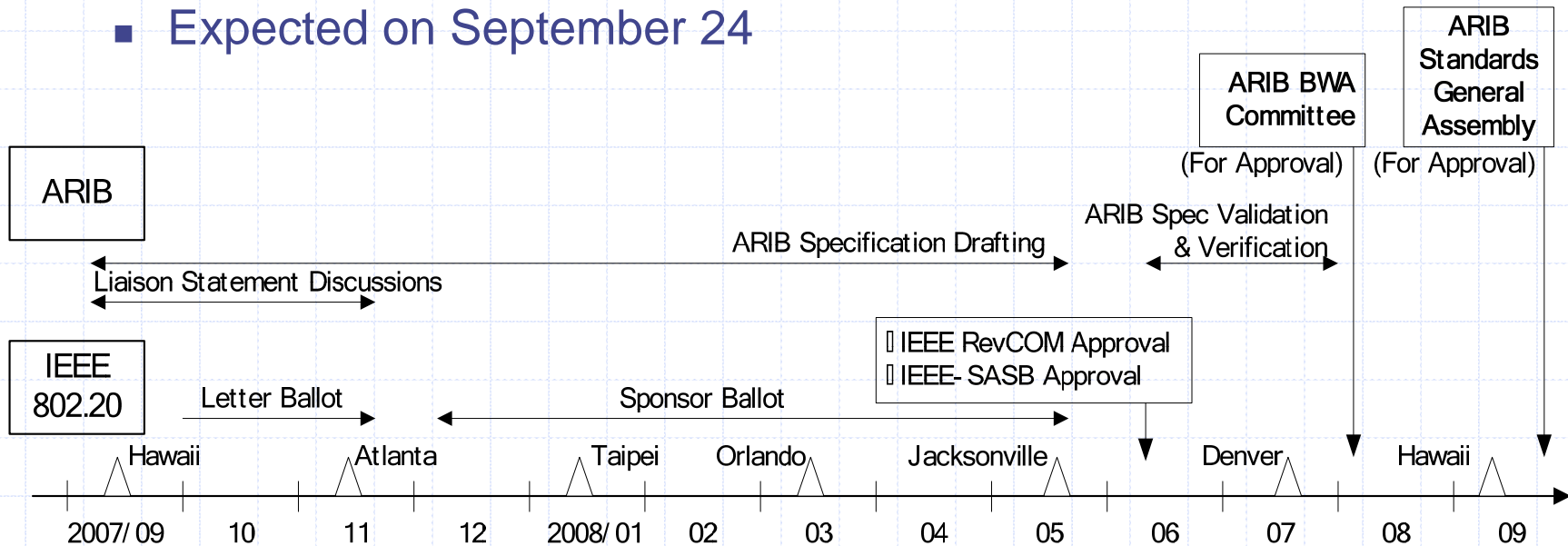


Project	IEEE 802.20 Working Group on Mobile Broadband Wireless Access < http://grouper.ieee.org/groups/802/20/ >	
Title	Liaison Report: ARIB 802.20 Time-Line for Standardization	
Date Submitted	2008-07-07	
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Re:	ARIB 802.20 Standardization Time-Line	
Abstract	ARIB BWA subcommittee presents status report and time-line for ARIB's 802.20 standardization.	
Purpose	For liaison between IEEE 802.20WG and ARIB BWA Subcommittee to introduce the IEEE 802.20 standard into Japan.	
Notice	This document has been prepared to assist the IEEE 802.20 Working Group. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
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Patent Policy	The contributor is familiar with IEEE patent policy, as outlined in Section 6.3 of the IEEE-SA Standards Board Operations Manual < http://standards.ieee.org/guides/opman/sect6.html#6.3 > and in <i>Understanding Patent Issues During IEEE Standards Development</i> < http://standards.ieee.org/board/pat/guide.html >.	

ARIB 802.20 Standardization Time-Line

- ◆ Given the IEEE-SASB approval, verification and validation are in process.
- ◆ ARIB BWA committee approval
 - Expected on August 5th
- ◆ ARIB Standards General Assembly approval
 - Expected on September 24



ARIB 802.20 Draft Standard Configuration

◆ Title:

- “Mobile Broadband Wireless Access Systems (IEEE 802.20™ TDD Wideband and 625k-MC Modes Application in Japan)”

◆ Contents

- Chapter 1 General Descriptions
 - ◆ Scope of the standard, references, etc
- Chapter 2 System Overview
 - ◆ Not a part of the standard but normative information
- Chapter 3 Regulatory Requirements of the Systems and Equipment
 - ◆ Japan radio regulations that the system / equipment shall conform.
- Chapter 4 Physical and Media Access Control Layer Specification
 - ◆ Specifications are referred to the IEEE 802.20 Standard.
- Chapter 5 Measurement Method

Unique Points in the ARIB 802.20 Draft Standard

- ◆ The IEEE 802.20 Standard may be incorporated into the ARIB 802.20 standard by “reference”.
 - Chapter 1 in the ARIB 802.20 draft describes references.
 - Chapter 4 in the ARIB 802.20 draft introduces sections and contents in the IEEE 802.20 Standard.
- ◆ The ARIB 802.20 Standard shall refer only to TDD specifications that are allowed in the Japan radio regulation.
 - 2.5 GHz BWA

Applicable Frequency Band and Status in Japan

◆ 2.5 GHz Band (2535 – 2630 MHz)

- Only TDD having 10 MHz or less channel bandwidth is allowed.
 - ◆ Up to 20 MHz channel bandwidth may be allowed in future.
- WiMAX and Next Generation PHS standardizations completed and were approved in December 2007 at ARIB.
- Japan MIC granted licenses to:
 - ◆ For nation-wide mobile operation,
 - Willcom
(Next Gen. PHS: 2545-2575 MHz with limited usage in the lower 10 MHz)
 - UQ Communications
(WiMAX: 2595 - 2625 MHz)
 - ◆ For local fixed/rural operation (e.g. by local government),
 - Local fixed/rural service operators
(WiMAX: 10 MHz in 2575-2595 MHz)

Next Step

- ◆ Approval at ARIB BWA Committee
- ◆ Approval at ARIB Standards General Assembly
- ◆ Incorporation of IEEE 802.20 Standard update

THANK YOU VERY MUCH!