

**IEEE 802.16 Working Group on Broadband Wireless Access**

<http://WirelessMAN.org>



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To: Seizo Onoe, Chairman, IMT-Advanced Subcommittee  
Advanced Wireless Communications Study Committee  
Association of Radio Industries and Businesses (ARIB)

Subject: Response to ARIB liaison statement of 8 July concerning IMT-Advanced submission

Dear Mr. Onoe,

Thank you for the liaison statement of 8 July 2009 ([IEEE L802.16-09/0069](#)) and for informing us of the detailed timeline of the approval process within Japan for IMT-Advanced submission. The IEEE 802.16 Working Group (WG) respects the situation in Japan and will do our best to accommodate your schedule. We understand that ARIB will be our contact point within the Japanese approval process.

In reference to finalization of IEEE's IMT-Advanced submission, we would like to confirm that we plan to have all necessary documentation completed at our [Session #63](#) (31 August – 3 September in Jeju, Korea), at which time we will share those documents with you. We will submit these documents for broader IEEE review, to conclude during our [Session #63.5](#) (21 – 24 September in Hawaii, USA). We understand the importance within the Japanese approval process of the need for stability of the draft submission. It is our intent to ensure that any changes introduced following Session #63 be limited to potential improvements, editorial or otherwise, that would not have a critical impact on meeting IMT-Advanced technical requirements. We will immediately provide ARIB with the final documents for consideration during any relevant processes.

Per our liaison relationship, I would like to give you further updates on the IEEE 802.16 WG activities regarding IMT-Advanced.

In accordance with the IEEE 802.16 ITU-R Liaison Group Workplan ([L802.16-08/058](#)), the IEEE 802.16 WG continued efforts during its Session #62 (13-16 July in San Francisco, USA) to prepare materials for IMT-Advanced submission.

The IEEE 802.16 WG updated the following materials being prepared for IMT-Advanced submission:

- L802.16-09/0022d2: Working Document on Technology Description Template – Characteristics Template (TDT)
- L802.16-09/0023d2: Working Document on Technology Description Template – Link Budget Template (LBT)
- L802.16-09/0024d2r1: Working Document on Compliance Templates
- L802.16-09/0025d2: Simulation Assumptions and Configuration Parameters for IMT-Advanced Test Environments

In addition, the 802.16 WG initiated drafts of the final IMT-Advanced submission package to ITU-R Working Party 5D (WP 5D) into which materials contained in the above four working documents are incorporated. We would like to share with the ARIB IMT-Advanced Subcommittee all of these materials in order to expedite preparations for IMT-Advanced submission. Documents associated with this package are listed below:

- L802.16-09/0050d1: “Draft submission of a candidate IMT-Advanced RIT based on IEEE 802.16 (Part I)”, containing description templates (TDT and LBT)
- L802.16-09/0051d1: “Draft submission of a candidate IMT-Advanced RIT based on IEEE 802.16 (Part II)”, containing self-evaluation report and compliance templates
- L802.16-09/0052d1: “Draft submission of a candidate IMT-Advanced RIT based on IEEE 802.16 (Part III)”, containing other material required for the submission

The IEEE 802.16 WG welcomes your input and brings to your attention the Call for Comments and Contributions on IMT-Advanced Submission ([L802.16-09/0079](#)) on the submission package.

With respect to IMT-Advanced submissions, and foreseeing issues regarding on-going maintenance of future IMT-Advanced Recommendations, we have considered the need for appropriate administrative procedures. It appears that a Memorandum of Understanding (MoU) between IEEE-SA and other supporting organizations might best address these issues. We have been discussing the matter with IEEE-SA staff and hope to prepare a draft MoU over the next few weeks. Since the IEEE 802.16 WG and ARIB have received an invitation (IEEE L802.16-09/0082) from TTA for a meeting in Jeju on 30 August to discuss such issues, we propose to discuss such a draft MoU at that time.

In addition, we welcome ARIB representatives to attend IEEE 802.16 Session #63 beginning on Monday 31 August. In particular, we invite ARIB representatives to participate in our WG Opening Plenary on Monday morning. ARIB participants may also be interested in the subsequent ITU-R Liaison Group meetings. We expect that the Monday morning meeting of the ITU-R Liaison Group will particularly focus on issues regarding coordination with external bodies such as ARIB. Any participants from ARIB should convey their intent to attend by 24 August to Dr. Takashi Shono <[takashi.shono@intel.com](mailto:takashi.shono@intel.com)>, who can provide further information regarding the session.

We note that your liaison statement suggest a common text as the basis for declarations of support and

endorsement from SDOs for IEEE's IMT-Advanced candidate submission. In order to harmonize activities among supporting organizations, we would like to propose the common text contained in Annex 1 as the basis for submissions to the October 2009 meeting of ITU-R WP 5D. We would be glad to discuss your comments on this proposal when we meet on 30 August.

We continue to appreciate contributions from the ARIB IMT-Advanced Subcommittee members regarding IEEE P802.16m standard development as well as preparations for IMT-Advanced submission.

Sincerely,

Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Kohei Satoh, Managing Director, ARIB  
Takashi Shono, IEEE 802.16 WG Liaison to ARIB IMT-Advanced Subcommittee  
Reza Arefi, ITU-R Liaison Group Chair, IEEE 802.16 Working Group  
Michael Lynch, IEEE-SA Technical Liaison to ITU-R  
Paul Nikolich, Chair, IEEE 802 Executive Committee

### **Annex 1: Proposed Template as Basis for Declarations of Support for IMT-Advanced Proposal**

In response to ITU-R Circular Letter 5/LCCE/2, which invites proposals for candidate radio interface technologies for the terrestrial component of IMT-Advanced, [SDO] endorses IEEE's proposal of an initial technology submission under Step 3 of the IMT-Advanced process in Document [IMT-ADV/2\(Rev.1\)](#).