IEEE P802.11  
Wireless LANs

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| 2nd call for Contributions to the TGai Specification Framework | | | | |
| Date: 2012-03-26 | | | | |
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Abstract

2nd Call for Contributions to the TGai Specification Framework Document.

Deadline for submissions: 04 May 2012

**Call for Contributions to the TGai Specification Framework**

**Deadline: 04 May 2012**

The IEEE 802.11ai Working Group’s *Task Group ai* is developing a Specification Framework Document (SFD) to provide a top-level technical description of the functionality to be specified in IEEE P802.11ai in order to amend IEEE Std 802.11 so as to address the requirements specified in the 802.11ai Requirements Document [11-11/0745r05]. It is the intent of the Task Group to address technical tradeoffs of different proposed concepts and techniques during the development of the SFD.

At IEEE 802.11’s Session #132 in March 2012, Task Group ai accepted amendments to current SFD that are recorded in the minutes [11-12/0472r01].

Latest SFD revised and uploaded as [11-12/0151r07].

**Call for Contributions**

This announcement requests contributions on the following, listed in order of priority:

* The next level(s) of detail of Sections of the SFD [11-12/0151r07].
* Additional, “high-level” specification aspects that are currently not covered by the SFD but were presented to TGai at any previous meeting
* Additional, “high-level” specification aspects that are currently not covered by the SFD and were not introduced to TGai at any previous meeting.

It is strongly recommended that contributors review the content of the *Task Group ai* Requirements Document [11-11/0745r05] and Evaluation Methodology [11-11/0811r07] in development of their contributions.

**Contributions *shall* comply with the following**:

* Specify on the cover page (e.g. as part of the abstract) the technical area they address by stating the Sections of the SFD that the contributions provides text for and, if applicable, referencing presentations on the same technical area that were discussed by TGai during a previous meeting;
* Unambiguously identify text intended for inclusion in the SFD, e.g. having the text on a single slide or a single word document
* Provide the text for any motions / straw polls resulting from the contribution in form of power point slides.
* Upload the final contribution to Mentor Server and announce by the following submission template the upload to the TG Chair Hiroshi Mano <hiroshi@MANOSAN.ORG> and the task group reflector not later as 04 May 2012.

Contributions Contributions may be accompanied with supporting material as necessary.

Submission template

* + **DCN <#>**
  + **Title <title>**
  + **Author <Author\_name>**
  + **Company <Company\_name>**
  + **Scope** 
    - [AP Discovery/Network Discovery/Security/Upper layer/general]
  + **Motivation**
    - Slides page <#> - <#>
  + **Background information**
    - Slides page <#> - <#>
  + **Clause to amend**
    - <Clause>
  + **Add to <line>**
    - <Sentence>
  + **Amendment to <line>**
    - <Alternative sentence>
  + •**Motion**
    - Slides page <#>

Additionally, contibutions *should* follow the guidelines below:

* Include a descriptive title of the proposed Functional Area or Characteristic
* Include a brief description and discussion of the proposed Characteristic or Functional Area, demonstrating either through analysis, simulation, or reasoning how it satisfies or helps satisfy the System Requirements [11-11/0745r05].
* In addition to the contribution document, if appropriate, it is suggested that contributors prepare a **concise** presentation describing their proposal. It is also recommended to contributors who are intending to make motion or straw poll in Hawai meeting, please include the corresponding power-point slides in your presentation.
* Any new terminology should be defined within the contribution in such a way that the Task Group may directly adopt the definition for inclusion in Section 1 of the SFD.

In order to stimulate technical discussion and evaluation of the extend how a contribution resulted in changes to the IEEE 802.11 standard, contributions *may* be accompanied with an example of draft amending text implementing one approach for the proposed technical aspect.

Please note that contributions compliant to this call will be given preference on the Task Group ai’s agenda. Presentations that propose motions to amend the SFD will be given priority over presentations that have straw polls. Additional contributions may be allowed for discussion at the Chair’s discretion according to available agenda time. Within that remaining agenda time, preference will be given to contributions addressing preveousliy presented material, and clearly indicating the intend to motion addressed topics for inclusion in to the SFD as new, high level contributions.

**References:**

[11-11/0745r05] Marc Emmelmann: TGai Requirements Document. Available online:  
<https://mentor.ieee.org/802.11/dcn/11/11-11-0745-05-00ai-tgai-functional-requirements.docx>

[11-11/0811r07] Marc Emmelmann: TGai Evaluation Methodology. Available online:  
<https://mentor.ieee.org/802.11/dcn/11/11-11-0811-07-00ai-tgai-evaluation-methodology.docx>

[11-12/0151r07] Tom Siep, Marc Emmelmann, and Hiroshi Mano: Specification Framework for TGai. Available online:  
<https://mentor.ieee.org/802.11/dcn/12/11-12-0151-02-00ai-proposed-specification-framework-for-tgai.docx>

[11-12/0359r07] Hiroshi Mano: TGai agenda March 2012 Waikoloa online:https://mentor.ieee.org/802.11/dcn/12/11-12-0359-07-00ai-tgai-agenda-mar-2012-waikoloa.pptx

[11-12/0472r01] Hitoshi Morioka, Tom Siep, Marc Emmelmann, and Hiroshi Mano: March 2012 TGai Waikoloa meeting minutes https://mentor.ieee.org/802.11/dcn/12/11-12-???????