

Proposed updates to the TGm Work Plan and Schedule

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Base Document: Initial TGm Work Plan (802.16m-07/001)

Purpose: To assist updating TGm work plan and schedule for the development of 802.16m standard

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Purpose

- The TGm work plan covers the present work items adequately but does not address the following:
 - System Description Document (SDD) development process and timelines
 - Keeps the call for proposals open only for 2 meetings which could be considered a little too short
 - Needs to add slight updates to the ITU schedule since Cameroon
 - Also establish clarity between the schedule for the SDD, IMT-Advanced proposal and 802.16m amendment development
- We propose updates to address the above issues

Motivation

The updates proposed consider the following aspects:

- The System Description Document (SDD) can help establish a system view and architecture for the 802.16m air interface and is important to develop, but at the same time it should not delay the 802.16m draft development
- The SDD will also help us develop the initial IMT-Advanced proposals based on the architecture and technical concepts adopted
- SDD should help decide about the core technical components and some decisions may have to be made during the amendment development.
- Balance can be established by making sure critical design issues are addressed during SDD development
- Partial overlap of the work items help us move forward faster and while interdependencies may not be avoided, they can be managed through careful planning and execution

Proposed Updates to 802.16m-07/001

- On page 2, titled “Documents to be developed in TGm”, we proposed adding the work item
 - System Description Document (SDD)
 - Architecture and design of the 802.16m Air interface amendment
 - Captures the core technical concepts behind the features included in the amendment
 - Will enable analysis and/or simulations for characterizing the coarse level performance benefits of the air interface in association with the Evaluation Methodology
- Instead of page 3,4 adopt the following slides 5,6,7 which essentially propose the following:
 - Add more clarity in the work plan for following issues:
 - SDD development schedule details from sessions in May’07 to Jan’08
 - IMT advanced development schedule details from sessions in Nov’07 to Sept’09
 - 802.16m amendment schedule details from sessions in Sept’07 to Dec’09
 - *Key Assumption:* If SDD is not at least 50% stable by Sept’07 the call for contributions for 16m text will have to done after the Nov’07 session.
- Also on page 5 adopt the updates in slide 8 or alternate slide 10 which is consistent with it but has more detail.

TGm Proposed 2007 Schedule Updates

IEEE Meetings	S#47, London	S#48, Orlando	S#49, Portland	S#50, San Francisco	S#51	S#52
TGm Documents	January 2007	March 2007	May 2007	July 2007	September 2007	November 2007
TGm Work Plan/Schedule	Create and Finalize Work Plan		Update Work Plan for SDD and more details			
System Requirements	Discussion on Requirements. Adopt initial baseline requirements. Issue Call for contributions/ comments	Discuss contributions; Adopt Initial Baseline; Issue Call for comments	Finalize Initial Draft Requirements Document; Issue Call for final comments	Address additional comments if any		
Evaluation Methodology	Call for contributions issued	Adhoc created for harmonization of initial submissions	Discuss contributions; Adopt Initial Baseline; Issue Call for comments	Finalize Evaluation Methodology Document		
System Description Document			Define SDD development process; Call for contributions issued on SDD outline and general architecture	Discuss initial contributions; adopt SDD outline and general architecture and continue call for contributions	Contributions on prioritized topics Discussions and some selections; Continue Call for contributions and comments	Contributions on prioritized topics Discussions and some selections; Continue Call for contributions and comments;
IMT-Advanced Proposal						Start initial IMT proposal ToC
802.16m Amendment					Issue Call for 16m Text Contributions	Discuss contributions. Create Initial baseline 16m document; Issue Call for Contributions

TGm Proposed 2008 Schedule Updates

IEEE Meetings	S#53	S#54	S#55	S#56	S#57	S#58
TGm Documents	Jan 2008	March 2008	May 2008	July 2008	September 2008	November 2008
System Requirements		Review Outputs from ITU-R		Review Outputs from ITU-R		Review Outputs from ITU-R
Evaluation Methodology		Review Outputs from ITU-R		Review Outputs from ITU-R		Review Outputs from ITU-R
System Description Document (SDD)	Contributions on prioritized topics Discussions and selections; Finalize SDD					
IMT-Advanced proposal	Update IMT proposal based on SDD agreed concepts	Update IMT proposal based on SDD agreed concepts. Approve initial submission to ITU-R	Submit Initial IMT-Advanced Proposal to ITU-R	Continue updating IMT Proposal	Submit Updated IMT Proposal for harmonization	Continue updating IMT Proposal
802.16m Amendment	Discuss contributions. Create Initial baseline 16m document; Issue Call for Contributions	Discuss contributions. Update baseline 16m document; Issue Call for Contributions for SDD agreed concepts	Finalize and Issue WG Draft for Letter Ballot	WG Letter Ballot Recirculation	WG Letter Ballot Recirculation	WG Letter Ballot Recirculation

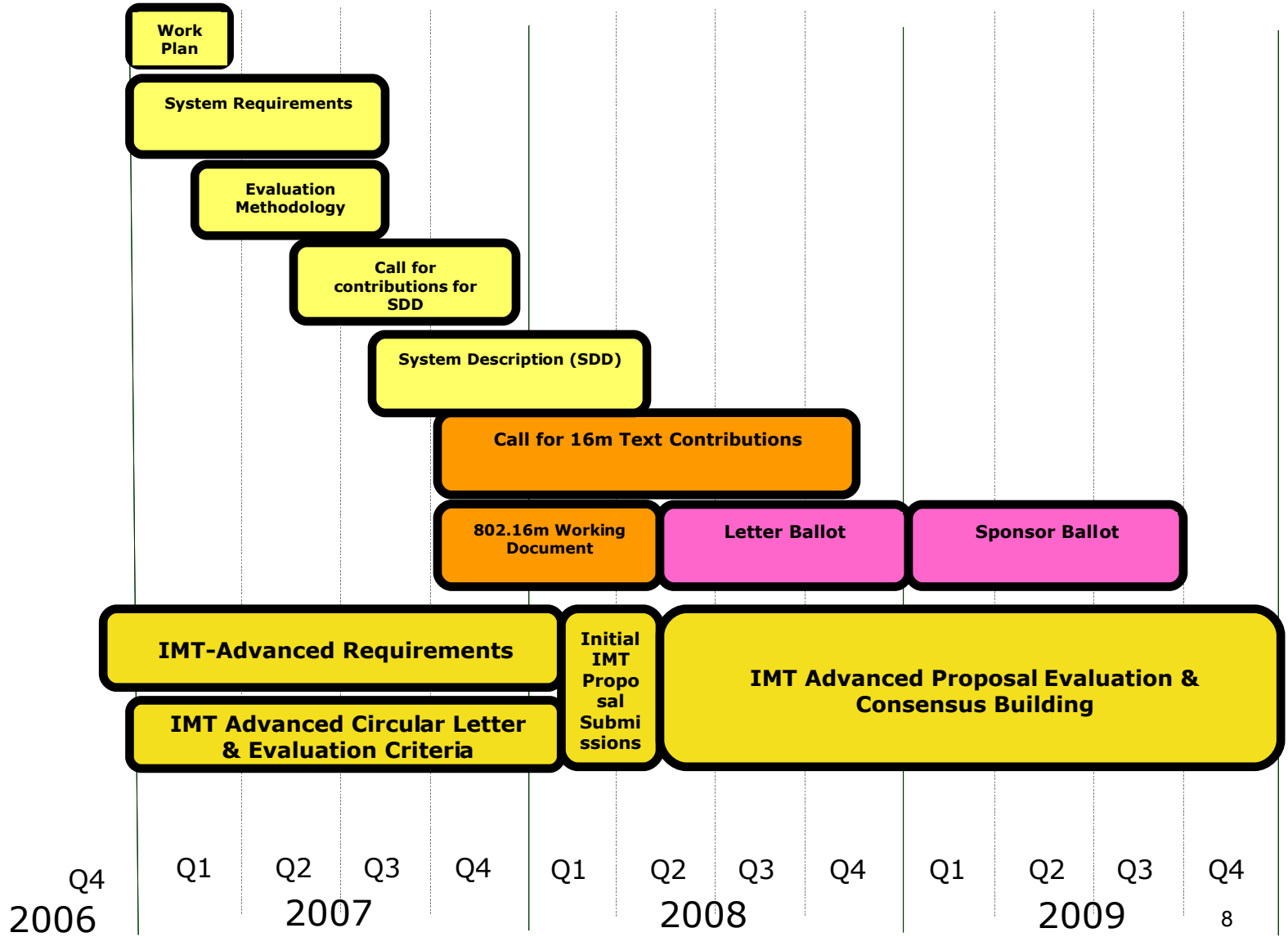
TGm Proposed 2009 Schedule Updates

IEEE Meetings	S#59	S#60	S#61	S#62	S#63	
TGm Documents	Jan 2009	March 2009	May 2009	July 2009	September 2009	December 2009
System Requirements		Review Outputs from ITU-R		Review Outputs from ITU-R		
Evaluation Methodology		Review Outputs from ITU-R		Review Outputs from ITU-R		
System Description Document						
IMT-Advanced proposal	Submit Updated IMT Proposal for harmonization	Continue updating /harmonizing IMT Proposal	Submit Updated IMT Proposal for harmonization	Continue updating /harmonizing IMT Proposal	Submit Final IMT proposal	
802.16m Amendment	Initiate Sponsor Ballot	Sponsor Ballot Recirculation	Sponsor Ballot Recirculation	Sponsor Ballot Recirculation	Sponsor Ballot Confirmation Recirculation; RevCom Submission	RevCom/IEEE-SA Approval

TGm Timelines

802.16m

ITU-R/
IMT-Advanced
WP-8F



Alternate TGm Schedule Slide

TGm Timelines

