

# IEEE 802 IMT-Advanced Technology Proposal Process

**Date:** 2008-07-16

**Authors:**

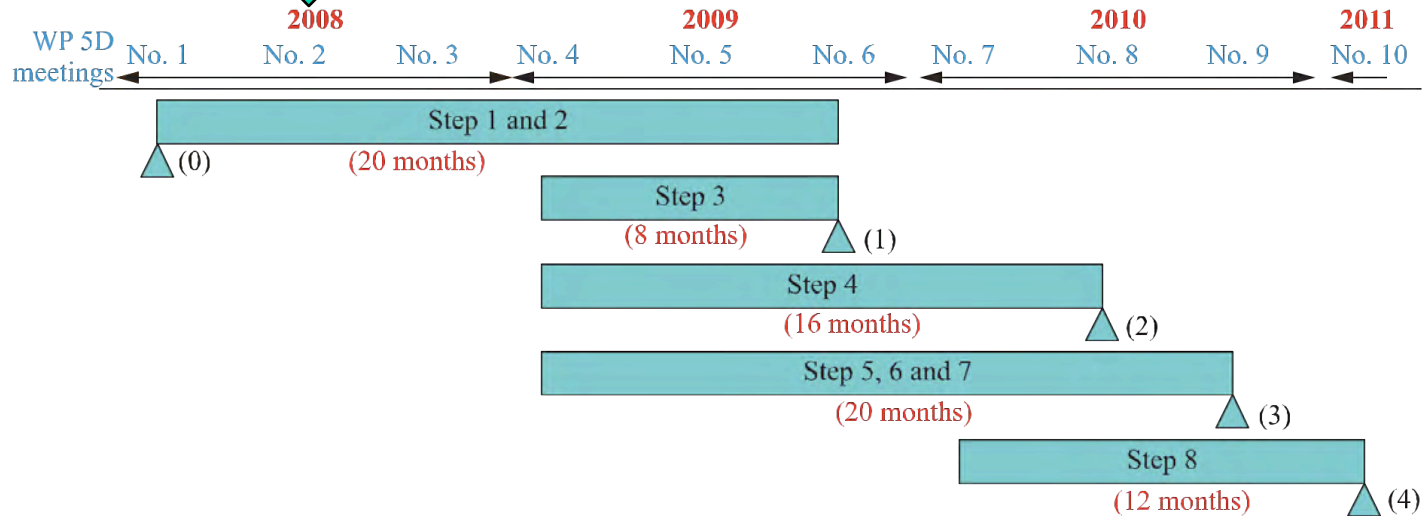
<b>Name</b>	<b>Company</b>	<b>Address</b>	<b>Phone</b>	<b>email</b>
John Notor	Cadence Design Systems, Inc.	San Jose, CA	408.473.8373	jnotor@cadence.com

## Background

- The IMT-Advanced (IMT-Adv) process in ITU-R has advanced to the point where:
  - The technical requirements (IMT.TECH) are complete and approved by WP5D.
  - The evaluation requirements (IMT.EVAL) are substantially complete, and in the process of final revision, with approval expected at the October 2008 WP5D meeting in Seoul.
  - The Circular Letter is being finalized.
  - Final approval of IMT-Adv documents expected at the November SG5 meeting.
- Interested IEEE 802 WG's now need to consider what response(s) to make to IMT-Adv.
  - Submit a Radio Interface Technology proposal (RIT) as a single WG.
  - Submit a Set of Radio Interface Technologies (SRIT) jointly with one or more other WG's.



# IMT-ADV Schedule



### Steps in radio interface development process:

- |  |  |
|--|--|
| Step 1: Issuance of the circular letter  | Step 5: Review and coordination of outside evaluation activities             |
| Step 2: Development of candidate RITs and SRITs                                  | Step 6: Review to assess compliance with minimum requirements                |
| Step 3: Reception of the RIT and SRIT submissions and acknowledgement of receipt | Step 7: Consideration of evaluation results, consensus building and decision |
| Step 4: Evaluation of candidate RITs and SRITs by evaluation groups              | Step 8: Development of radio interface Recommendation(s)                     |

### Critical milestones in radio interface development process:

- |   |              |   |               |
|---|--------------|---|---------------|
| (0): issue an invitation to propose RITs                            | March 2008   | (2): Cut off for evaluation report to ITU   | June 2010     |
| (1): ITU proposed cut off for submission of candidate RIT proposals | October 2009 | (3): WP 5D decides framework and key characteristics of IMT-Advanced RITs and SRITs | October 2010  |
|   |              | (4): WP 5D completes development of radio interface specification Recommendations   | February 2011 |

## IEEE 802 Approval Process for IMT-Advanced Submissions

- A single Working Group (WG), or a joint WG collaboration, creates and submits a draft RIT proposal, or a draft SRIT proposal to 802.18 for review:
  - Proposal requirements: draft must be complete, including self-evaluations, per ITU-R WP5D submission requirements.
  - The WG(s) must approve the draft prior to submission to 802.18.
- 802.18 reviews proposals for completeness relative to WP5D submission requirements (i.e., all required information is present, format is correct, this is not a review of the technical parameters of the submission):
  - If 802.18 finds the proposal is incomplete, 802.18 returns the proposal to the WG with a list of discrepancies and, where possible, suggestions for corrections.
  - If 802.18 finds the proposal complete, 802.18 approves the proposal, forwarding the proposal to the EC for review/approval.
- After EC approval, the IEEE SA ITU-R liaison will submit the proposal to WP5D, with appropriate cover letter.

## Critical Milestones

- Last date for WG's to submit technology proposals (final WG approved drafts) to 802.18 for review: June 12, 2009.
- Last date for 802.18 approval of proposals for submission to the EC: July 16, 2009.
- Last date for EC approval of technology proposals: July 17, 2009.
- Last date WP5D will accept technology proposals: October 2009 (exact date is TBD).