

IEEE 802 IMT-Advanced Technology Proposal Process

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Authors:

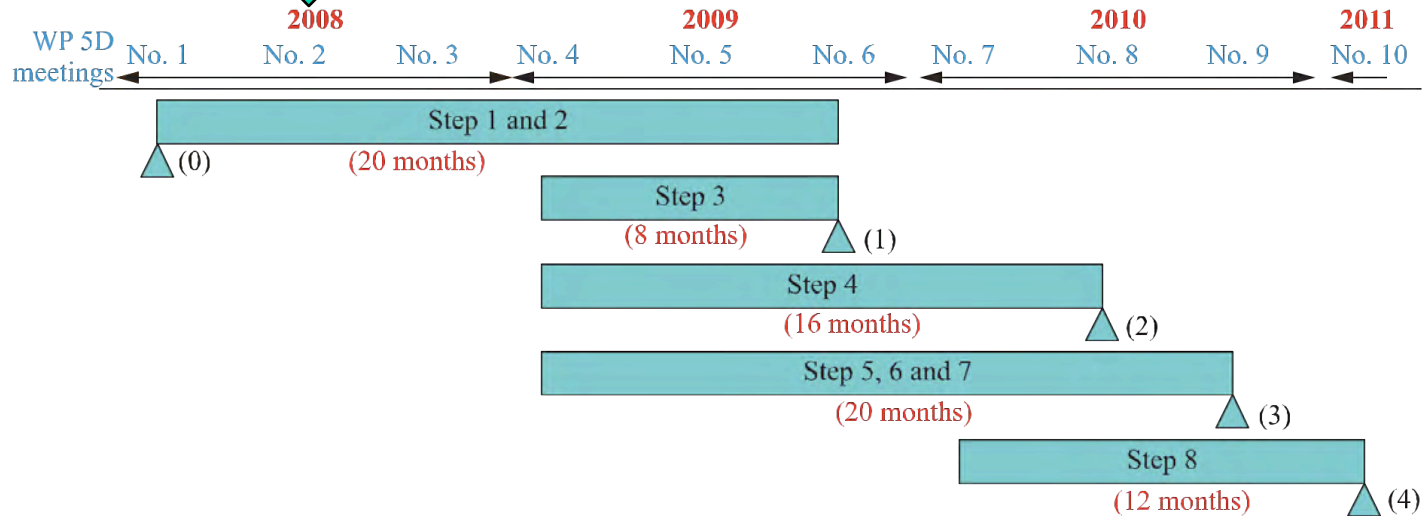
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Background

- 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 2: Development of candidate RITs and SRITs
- Step 3: Reception of the RIT and SRIT submissions and acknowledgement of receipt
- Step 4: Evaluation of candidate RITs and SRITs by evaluation groups

- Step 5: Review and coordination of outside evaluation activities
- Step 6: Review to assess compliance with minimum requirements
- Step 7: Consideration of evaluation results, consensus building and decision
- 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).