

Source: Document 5D/TEMP/278

Document IMT-ADV/28-E
17 October 2013
English only

Working Party 5D

SCHEDULE FOR REVISION 2 UPDATE OF RECOMMENDATION ITU-R M.2012

SCHEDULE FOR REVISION 2 UPDATE OF RECOMMENDATION ITU-R M.2012 ("DETAILED SPECIFICATIONS OF THE TERRESTRIAL RADIO INTERFACES OF INTERNATIONAL MOBILE TELECOMMUNICATIONS-ADVANCED (IMT-ADVANCED)")

Scope

This document provides information on the detailed schedule and associated dates for the Revision 2 update of Recommendation ITU-R M.2012 *"Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)"*.

References

Recommendation [ITU-R M.2012](#) *"Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)"*

Document IMT-ADV/2(Rev.1) *"Submission and evaluation process and consensus building"*
IMT-ADV/2 Rev1 may be accessed at <http://www.itu.int/md/R07-IMT.ADV-C-0002/en>.

Document IMT-ADV/24(Rev.1) *"Process And The Use Of Global Core Specification (GCS), References And Related Certifications In Conjunction With Recommendation ITU-R M.2012"*
IMT-ADV/24(Rev.1) may be accessed at <http://www.itu.int/md/R07-IMT.ADV-C-0024/en>.

Document IMT-ADV/25 *"Procedure for the Development of Draft Revisions of Recommendation ITU-R M.2012"*. IMT-ADV/25 may be accessed at <http://www.itu.int/md/R07-IMT.ADV-C-0025/en>.

Circular Letter 5/LCCE/2 Addendum 5. Circular Letter 5/LCCE/2 may be accessed at <http://www.itu.int/md/R00-SG05-CIR-0002/en>.

I) Procedure to be utilized in the development of the Revision

The procedure outlined in Document IMT-ADV/25 “*Procedure for the development of draft Revisions of Recommendation ITU-R M.2012*” applies to the development of this Revision 2.

In conjunction with that generic procedure, it is necessary, for each specific Revision to assign a specific schedule and dates to the timelines and actions/activities presented in the Document [IMT-ADV/25](#), which is accomplished by this Document IMT-ADV/28.

II) Baseline document to be used for the Revision 2 update

The baseline document to be used for the Revision 2 update is the published version of Recommendation ITU-R M.2012-1 “Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)”.

III) General schedule aspects for the Revision 2 update of Recommendation ITU-R M.2012

For the Revision 2 update of Recommendation ITU-R M.2012 a completion date of the Working Party 5D meeting No. 22, currently planned for 10-17 June 2015, has been chosen.

The initial announcement of the Revision 2 update was indicated in a liaison to the relevant External Organizations from the October 2013 meeting #17 of WP 5D. It should be noted that 2015 is an ITU-R World Radio Conference (WRC) year and that WP 5D will hold only two meetings in a 2015 instead of the usual three meetings per year. Thus, on an exceptional basis, the timeframes associated with the announcement of this revision update cycle may be somewhat amended from the “placeholder” meetings designated in IMT-ADV/25. In particular, the announcement of the start of the update cycle for Revision 2 is being made from the October 2013 meeting by way of liaison. Some “typical” meeting months have been slightly shifted from those usually anticipated due to particular scheduling aspects of the individual meetings.

The detailed timeline for the Revision 2 update of Recommendation ITU-R M.2012 was developed based the currently planned/anticipated schedule of meetings for WP 5D and Study Group 5 through the 2014 and 2015 time frame. Confirmed meeting dates of WP 5D for 2014 and 2015 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>). Due consideration was given towards coordinating with the understood planned dates of the relevant External Organizations to the extent they were known.

Working Party 5D announces that the first formal meeting in the meeting cycle (“*Meeting Y*”) of the update for Revision 2 of Recommendation ITU-R M.2012 will be WP 5D meeting No. 18, which is scheduled for 12-19 February 2014. This establishes the first action point for the relevant External Organizations to interface with WP 5D on the Revision2 update.

IV) High level schedule for the Revision 2 update for New Technology Proposals for Recommendation ITU-R M.2012

Document IMT-ADV25, Section 2 outlines the specific process and associated timeline for new technology proposals for Recommendation ITU-R M.2012. When a new RIT or SRIT is proposed by an **RIT/SRIT Proponent**, the proposal will follow the process for IMT-Advanced as defined in Document IMT-ADV/2(Rev.1), specifically:

The process will begin at Step 3 (“Submission/reception of the RIT and SRIT proposals and acknowledgement of receipt”). Documents IMT-ADV/2(Rev.1), and Reports ITU-R M.2133 (2008), ITU-R M.2134 (2008), ITU-R M.2135-1 (2009), will apply. For timing purposes, the meeting at which the new proposal is submitted will be considered “Critical Milestone (1)”,

the proposal deadline meeting, as defined in the Schedule of Document IMT-ADV/2(Rev.1) in Figure A2-1. Within the process as outlined in Figure A2-1 the specific dates of the schedule will be appropriately decided respecting the steps of the process (approximately four meetings from “Critical Milestone (1)” to the finalization of Step 7 of the process in Document IMT-ADV/2(Rev.1).

In Step 8, Document IMT-ADV/24(Rev.1) (“Process and the use of Global Core Specification (GCS), references, and related certifications in conjunction with Recommendation ITU-R M.2012”) will apply. The completion of Step 8 will be synchronized with the recurring update of Recommendation ITU-R M.2012. Consequently, after successful completion of Step 7, the new technology can enter the revision cycle for Recommendation ITU-R M.2012 at Y+2A or as late as Y+2B as outlined in Table 1 or 2 for inclusion in the current planned Revision.

While new technology proposals can be submitted to WP 5D at any time, however, for the Revision 2 update to be able to consider new technology proposals for inclusion into the Revision 2 release, WP 5D has established a high level schedule for the major aspects of a new technology submission and its consideration by WP 5D under the process indicated in IMT-ADV/25. This high level schedule is provided immediately below:

High level schedule for New Technology Proposals for Revision 2¹

In the case of a new technology proposal having been received by WP 5D, additional details including further specific schedules and deadlines such as those related to the provision of Form A and Certification B and C, GCS and DIS materials and the like will be communicated to the relevant parties associated with the new technology proposal.

¹ Based on planned meeting dates. Confirmed meeting dates of WP 5D for 2014 and 2015 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>).

Process Step IMT-ADV/2 Rev1	Date	Action IMT-ADV/2 Rev1 or IMT-ADV/25
Critical Milestone (0):	Exceptionally 9 -16 October 2013 (WP 5D #17)	Step 1 Invitation to Propose RITs
Critical Milestone (1):	5 February 2014 (7 days before 12-19 February 2014 – WP 5D #18)	Step 3 Cut-off date for submission of candidate RIT and SRIT proposal
	March 2014	Circular Letter announcing receipt by WP 5D of a complete candidate technology submission and an invitation for the formation of Independent Evaluation Groups and subsequent submission of Evaluation Reports.
	March 2014 to September 2014	Opportunity for registration of Evaluation Groups
Critical Milestone (2):	8 October 2014 (7 days before 15-22 October 2014 – WP 5D #20)	Completion of Step 4 Evaluation of candidate RITs or SRITs by Evaluation Groups Cut-off date for evaluation report to ITU Final date for submission of Form A
Critical Milestone (3):	WP5D#20 15-20 October 2014	Completion of Step 5 Review and coordination of outside evaluation activities Completion of Step 6 Review to assess compliance with minimum requirements Completion of Step 7 Consideration of evaluation results, consensus building and decision
Step 8	Y+2B: 21 January 2015 (7 days before 28 January-4 February 2015 WP 5D #21)	Step 8 Development of the new section in Rec. ITU-R M.2012 for the Radio Interface Technology. Final date for submission of Certification B.
Synchronization of Finalization of the Revision	Starting with Y+2B: 21 January 2015 (7 days before 28 January-4 February 2015 WP 5D #21) And continuing with the subsequent dates indicated in Table 1 below in this document	The remainder of the process and schedules for finalization of the Revisions follows the dates and general tasks indicated in <i>Items 8 through 13</i> in Table 1 below in this document.

V) Detailed schedule for the Revision 2 update for Existing Technologies in Recommendation ITU-R M.2012

Table 1 below, extracted from IMT-ADV/25 and amended with specific dates, provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.2012-1 as indicated in Section 3 of IMT-ADV/25 in the case when a GCS is utilized - which is the current situation for all existing technologies in the current in-force version of Recommendation ITU-R M.2012.

Calendar 1 provides a summary of actions defined in Table 1 for Revision 2 in a calendar view.

It should be noted that since Table 2 in Document IMT-ADV/25 which provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.2012-1 (applicable to the case where a GCS is not utilized) does not apply for the Revision 2 update therefore no detailed timeline information is provided for Table 2.

TABLE 1²

Framework of a Revision Cycle for updates of existing technologies in Recommendation ITU-R M.2012 applicable to Section 3 of IMT-ADV/25 in the case when a GCS is utilized

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
1	WP 5D	Meeting “Y-1” or earlier (Approximately February prior year or earlier)	Communiqué to <i>GCS Proponent, Transposing Organizations, and relevant External Organizations</i> announcing the next revision of Rec. ITU-R M.2012 and providing the detailed timelines for the revision.	Exceptionally 9-16 October 2013 (WP 5D #17)
2	<i>Existing GCS Proponent</i>	Meeting “Y” (Approximately June prior year)	Delivery to ITU-R by existing <i>GCS Proponent</i> of the initial announcement that a revision to a particular RIT or SRIT will be proposed.*	5 February 2014 (7 days before 12-19 February 2014 – WP 5D #18)
3	WP 5D	Meeting “Y” (Approximately June of prior year)	WP 5D review of submitted materials and opportunity for responding to <i>GCS Proponents</i> .	12-19 February 2014 (WP 5D #18)
4	<i>Existing GCS Proponent</i>	Meeting “Y+1” (Approximately October of prior year)	Delivery to ITU-R by the <i>GCS Proponent</i> of further information, including a summary of the proposed update.*	11 June 2014 (7 days before 18-25 June 2014 - WP 5D #19)
5	WP 5D	Meeting “Y+1” (Approximately October of prior year)	WP 5D review of submitted materials and opportunity for responding to <i>GCS Proponents</i> .	18-25 June 2014 (WP 5D #19)

² Based on planned meeting dates. Confirmed meeting dates of WP 5D for 2014 and 2015 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>).

* Required in case of an update of the GCS or in the case of a revised Overview, revised synopsis, or other material in Recommendation ITU-R M.2012-1 under the purview of the *GCS Proponent*.

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
6	<i>Existing GCS Proponent or Existing Transposing Organization (Scenario 3 only)</i>	Meeting “Y+2A” Alternative 1 (Approximately February of current revision year)	<p><i>Case requiring a modification of the GCS</i> Delivery to ITU-R by the GCS Proponent of the detailed update, including the compliance templates 4.2.4 from Report ITU-R M.2133 (2008) and any related supporting material for the proposed update to Rec. ITU-R M.2012-1, given that the full context of the total terrestrial radio interface is considered to be the original submission and any previously approved updates as well as this proposed update. Delivery to ITU-R by the GCS Proponent of the revised/updated GCS. Delivery to ITU-R of Certification B (section 1, section 2, and section 3, as appropriate) by GCS Proponents.</p> <p><i>Cases not requiring a modification of the GCS</i> <i>Scenario 1 - Case of a revised Overview, synopsis, or other material in Rec. ITU-R M.2012-1:</i> Delivery to ITU-R by the GCS Proponent of the update of the associated material and a self-declaration indicating that those changes are consistent with existing GCS.</p> <p><i>Scenario 2 - Case of a new Transposing Organization(s) or removal of a Transposing Organization(s)</i> Delivery to ITU-R of Certification B, section 2, and/or section 3, by GCS Proponents.</p> <p><i>Scenario 3 – Case of update of only a particular set or sets of the transposition references</i> Delivery to ITU-R by the Transposing Organization of the complete update information, including a summary and rationale of the proposed update, the updated specific set or sets of the transposition references, and Certification C. At the same meeting as the announcement by the Transposing Organization (s), the GCS Proponent must inform WP 5D of their agreement with the proposed update.</p>	<p>8 October 2014</p> <p>(7 days before 15-22 October 2014 – WP 5D #20)</p>

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
7	<i>Existing GCS Proponent or Existing Transposing Organization (Scenario 3 only)</i>	Meeting “Y+2B” Alternative 2 (Approximately June of current revision year)	<p><i>Case requiring a modification of the GCS</i> Delivery to ITU-R by the GCS Proponent of the detailed update, including the compliance templates 4.2.4 from Report ITU-R M.2133 (2008) and any related supporting material for the proposed update to Rec. ITU-R M.2012-1, given that the full context of the total terrestrial radio interface is considered to be the original submission and any previously approved updates as well as this proposed update.</p> <p>Delivery to ITU-R by the GCS Proponent of the revised/updated GCS. Delivery to ITU-R of Certification B (section 1, section 2, and section 3, as appropriate) by GCS Proponents.</p> <p><i>Cases not requiring a modification of the GCS</i> <i>Scenario 1 - Case of a revised Overview, synopsis, or other material in Rec. ITU-R M.2012-1:</i> Delivery to ITU-R by the GCS Proponent of the update of the associated material and a self-declaration indicating that those changes are consistent with existing GCS.</p> <p><i>Scenario 2 - Case of a new Transposing Organization(s) or removal of a Transposing Organization(s)</i> Delivery to ITU-R of Certification B, section 2, and/or section 3, by GCS Proponents.</p> <p><i>Scenario 3 – Case of update of only a particular set or sets of the transposition references</i> Delivery to ITU-R by the Transposing Organization of the complete update information, including a summary and rationale of the proposed update, the updated specific set or sets of the transposition references, and Certification C. At the same meeting as the announcement by the Transposing Organization (s), the GCS Proponent must inform WP 5D of their agreement with the proposed update.</p>	<p>21 January 2015</p> <p>(7 days before 28 January- 4 February 2015 WP 5D #21)</p>

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
8	WP 5D	Meeting “Y+2A” or “Y+2B” (Approximately February or June of current revision year)	<p>WP 5D performs a review of the submitted material and reaches its conclusion on the acceptability of the proposed update for inclusion in the draft revision of Rec. ITU-R M.2012.</p> <p>WP 5D finalizes and agrees the specific technology update in the draft revision of Rec. ITU-R M.2012 (not necessarily including the detailed transposition references).</p> <p>WP 5D liaison of the WP 5D agreed draft Revision 2 of Rec. ITU-R M.2012 to the relevant <i>GCS Proponents</i> and <i>Transposing Organizations</i> for their use in developing their inputs of the detailed references.</p> <p>Note: In any event, the WP 5D meeting (“Y+2B”) will finalize the entirety of the preliminary WP 5D agreed draft revision 2 of Rec. ITU-R M.2012 for all updated technologies (not necessarily including the detailed transposition references).</p>	<p>(Y+2A) 15-22 October 2014 (WP 5D #20)</p> <p>or</p> <p>(Y+2B) 28 January-4 February 2015 (WP 5D #21)</p>
9	<i>Transposing Organizations</i>	Due to ITU-R approximately one month prior to the subsequent Meeting (Approximately September of current revision year)	<p>Delivery to ITU-R of transposition references by <u>each</u> <i>Transposing Organization</i> for incorporation into the WP 5D preliminary agreed draft revision 2 of Rec. ITU-R M.2012.</p> <p>Delivery to ITU-R of Certification C by <u>each</u> <i>Transposing Organization</i>. Completion of relevant business matters and indication of compliance with ITU policy on IPR, as appropriate</p> <p><i>This Item 9 does not apply to case of a Scenario 1 update.</i> <i>In case of Scenario 3, Item 9 does not apply because the <i>Transposing Organization</i> would have already provided the complete information by meeting “Y+2A” or “Y+2B”</i></p>	10 May 2015
10	Radiocommunication Bureau	Prior to the subsequent meeting	The Radiocommunication Bureau is requested to provide to WP 5D a document that incorporates the transposition references	Anticipated to be 3 June 2015
11	WP 5D	Subsequent Meeting (Approximately October of current revision year)	<p>WP 5D performs a final quality and completeness check of the draft revision 2 of Rec. ITU-R M.2012.</p> <p>WP 5D forwards to Study Group 5 the revision 2 of Rec. ITU-R M.2012.</p>	10-17 June 2015 (WP 5D #22)

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
12	Radiocommunication Bureau	(Approximately November/December of current revision year)	Submission by Counsellor for SG 5 of completed draft revision 2 of Rec. ITU-R M.2012 (with all transposition references) to SG 5, based on currently anticipated SG 5 meeting schedule.	Date to be determined depending on actual SG 5 meeting schedule
13	Study Group 5	(Approximately November/December of current revision year)	Study Group 5 considers adoption of the revision 2 of Rec. ITU-R M.2012 for forwarding to Member States for approval.	Date to be determined depending on actual SG 5 meeting schedule

CALENDAR 1

Summary of Actions for Revision 1 of Existing Technologies Organized in a Calendar View

Part 1: Milestone Summary for <i>ITU-R WP 5D</i> and <i>Radiocommunication Bureau (BR)</i> for Revision of Existing Technologies												
	<i>WP 5D</i> #17		<i>WP 5D</i> #18		<i>WP 5D</i> #19		<i>WP 5D</i> #20		<i>WP 5D</i> #21			<i>WP 5D</i> #22
DATE	9-16 October 2013		12-19 February 2014		18-25 June 2014		15-22 October 2014		18 January - 4 February 2015		3 June 2015	10-17 June 2015
Meeting Designator	'Y-1'		'Y'		'Y+1'		'Y+2A'		'Y+2B'		-	-
TABLE 1 ITEM #	1		3		5		8		8		10	11
Action by Entity	WP 5D		WP 5D		WP 5D		WP 5D		WP 5D		BR	WP 5D
Part 2: Milestone Summary for CGS Proponents and Transposing Organizations for Revision of Existing Technologies												
	<i>WP 5D</i> #17		<i>WP 5D</i> #18		<i>WP 5D</i> #19		<i>WP 5D</i> #20		<i>WP 5D</i> #21			<i>WP 5D</i> #22
Deadline		5 February 2014		11 June 2014		8 October 2014		11 January 2015		10 May 2015		
Meeting Designator		7 days before 'Y'		7 days before 'Y+1'		7 days before Y+2A		7 days before Y+2B		-		-
TABLE 1 ITEM #		2		4		6		7		9		
Action by Entity		Existing GCS Proponent		Existing GCS Proponent		Existing GCS Proponent or Existing Transposing Organization (Scenario 3)		Existing GCS Proponent		Transposing Organization (except for Scenario 3)		