

Radiocommunication Study Groups



Attachment 5.12 to Document 5D/836
(Source: Document 5D/TEMP/473)

20 October 2014

English only

Working Party 5D

LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS ON THE SCHEDULE FOR UPDATING RECOMMENDATION ITU-R M.1457 TO REVISION 13

Introduction

ITU-R Working Party 5D thanks the relevant External Organizations for their successful work in regards to the course of action to be taken towards the completion of Revision 12 of Recommendation [ITU-R M.1457](#) – “*Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2000 (IMT-2000)*” which has been sent to Study Group 5 and will be available as a published ITU-R Recommendation upon approval.

Working Party 5D wishes to inform the relevant External Organizations that it is commencing the cycle for the development of the Revision 13 update of Recommendation ITU-R M.1457 and provides its detailed schedule.

Background

This liaison provides guidance to External Organizations regarding updates of the terrestrial radio interfaces in the development of Revision 13 of Recommendation ITU-R M.1457 “*Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2000 (IMT-2000)*”.

Confirmed meeting dates of WP 5D for 2015 and 2016 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>).

Procedure

The procedure outlined in Document IMT-2000/3Rev.1 “*Procedure for the development of draft revisions of Recommendation ITU-R M.1457*” applies to the development of Revision 13. Document IMT2000/3Rev.1 may be accessed at <http://www.itu.int/md/R12-IMT.2000-C-0003/en>.

Additional Consideration

It is observed that Revision 12 of Recommendation ITU-R M.1457 has become a very large and complicated document such that the revision process has become somewhat burdensome in the

external organizations, as well as the BR. As a result, WP 5D is considering to streamline the information contained in Recommendation ITU-R M.1457 starting with Revision 13. This streamlining consists of not carrying forward the old information for previous releases beyond a certain point. In the CDMA DS, CDMA TDD, and TDMA-SC cases, since 3GPP has closed Releases 99 through Release 7, WP 5D proposes that Release 99 through Release 7 transposition information not be carried forward in future Revisions of M.1457 starting with Revision 13. WP 5D solicits the GCS Proponents' views on this way forward.

Additionally, the other Radio Interface GCS proponents may have other views for streamlining their information contained in Recommendation ITU-R M.1457.

Schedule

For the Revision 13 update of Recommendation ITU-R M.1457 a completion date of the Working Party 5D meeting #25, currently planned for October 2016, has been chosen.

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 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 Document IMT-2000/3Rev.1. In particular, the announcement of the start of the update cycle for Revision 13 is being made from the October 2014 meeting.

Working Party 5D announces that the first formal meeting in the meeting cycle ("Meeting X") of the update development of Revision 13 of Recommendation ITU-R M.1457 will be WP 5D meeting #21, which is scheduled for 27 January - 4 February 2015. It should be noted that the contribution deadline for WP 5D meeting #21 is also the cut-off date for the submission of new candidate RIT and SRIT proposals for inclusion in Revision 13.

The detailed timeline for the Revision 13 update of Recommendation ITU-R M.1457 which accommodates the currently planned/anticipated schedule of meetings for WP 5D and Study Group 5 through the 2015 and 2016 time frame and some milestone activities/actions may be found in Document IMT-2000/6 "*Schedule for the Revision 13 Update of Recommendation ITU-R M. 1457*". Document IMT-2000/6 may be accessed at <http://www.itu.int/md/R12-IMT.2000-C>. For convenience it is also enclosed to this liaison as *Attachment*.

The dates in Document IMT-2000/6 were developed considering not only the WP 5D and Study Group 5 dates but also with a view towards coordinating with the understood planned dates of the relevant External Organizations to the extent they were known.

Some adjustment of these dates might be required to accommodate availability of facilities at specific venues in conjunction with the scheduling of the ITU-R WP 5D and Study Group 5 meetings. Every effort will be made to keep these dates as listed. Please check the ITU website in case meeting details have changed (<http://www.itu.int/events/monthlyagenda.asp?lang=en>).

As appropriate Document IMT-2000/6 will be updated to accommodate such date changes and further correspondence with the External Organization could be forthcoming throughout the update cycle as warranted by the circumstances.

External Organizations are encouraged to consult the ITU-R IMT-2000 web page (<http://www.itu.int/md/R12-IMT.2000-C>) which may be updated dynamically to provide additional information.

Working Party 5D looks forward to the continued cooperation with the External Organizations in the on-going work on the IMT-2000 terrestrial radio interfaces.

Status: For action

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Attachment: Document IMT-2000/6

Source: Document 5D/TEMP/474

Document IMT-2000/6
20 October 2014
English only

Working Party 5D

SCHEDULE FOR REVISION 13 UPDATE OF RECOMMENDATION ITU-R M.1457

(“DETAILED SPECIFICATIONS OF THE TERRESTRIAL RADIO INTERFACES
OF IMT-2000 (IMT-2000)”)

Scope

This document provides information on the detailed schedule and associated dates for the Revision 13 update of Recommendation ITU-R M.1457 *“Detailed specifications of the terrestrial radio interfaces of IMT-2000 (IMT-2000)”*.

References

[Recommendation ITU-R M.1457](#) *“Detailed specifications of the terrestrial radio interfaces of IMT-2000 (IMT-2000)”*

[Document IMT-2000/1\(Rev.1\)](#) *“Submission and evaluation process and consensus building for future development of IMT-2000”*

[Document IMT-2000/2\(Rev.1\)](#) *“Process And The Use Of Global Core Specification (GCS), References And Related Certifications In Conjunction With future Revisions of Recommendation ITU-R M.1457”*

[Document IMT-2000/3\(Rev.1\)](#) *“Procedure for the development of draft revisions of Recommendation ITU-R M.1457”*

[Document IMT-2000/4](#) *“Historical documents related to Recommendation ITU-R M.1457 update process”*

1 Procedure to be utilized in the development of the Revision

The procedure outlined in Document **IMT-2000/3(Rev.1)** “*Procedure for the development of draft revisions of Recommendation ITU-R M.1457*” applies to the development of this Revision 13.

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-2000/3(Rev.1), which is accomplished by this IMT-2000/6 Document.

2 Baseline document to be used for the Revision 13 update

The baseline document to be used for the Revision 13 update is the published version of Recommendation [ITU-R M.1457-12](#) “*Detailed specifications of the terrestrial radio interfaces of IMT-2000 (IMT-2000)*”.

3 General schedule aspects for the Revision 13 update of Recommendation ITU-R M.1457

For the Revision 13 update of Recommendation ITU-R M.1457 a completion date of the Working Party 5D meeting #25, currently planned for October 2016, has been chosen.

The initial announcement of the Revision 13 update was indicated in a liaison to the External Organizations from the October 2014 meeting #20 of WP 5D. In particular, the announcement of the start of the update cycle for Revision 13 is being made from the January/February meeting of 2015 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 13 update of Recommendation ITU-R M.1457 was developed based on the currently planned/anticipated schedule of meetings for WP 5D and Study Group 5 through the 2015 and 2016 time frame. Confirmed meeting dates of WP 5D for 2015 and 2016 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 X*”) of the update for Revision 13 of Recommendation ITU-R M.1457 will be WP 5D meeting #21, which is scheduled for 27 January – 4 February 2015. This establishes the first action point for the relevant External Organizations to interface with WP 5D on the Revision 13 update.

4 High level schedule for the Revision 13 update for New Technology Proposals for Recommendation ITU-R M.1457

Document **IMT-2000/3(Rev.1)**, section 2 outlines the specific process and associated timeline for new technology proposals for Recommendation ITU-R M.1457. When a new RIT or SRIT is proposed by an **RIT/SRIT Proponent**, the proposal will follow the process for IMT-2000 as defined in Document **IMT-2000/1(Rev.1)**, specifically:

The process may begin at Step 3 (“Submission/reception of the RIT and SRIT proposals and acknowledgement of receipt”). 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-2000/1(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-2000/1(Rev.1)**).

In Step 8, Document **IMT 2000/2(Rev.1)** (“Process and the use of Global Core Specification (GCS), references, and related certifications in conjunction with future Revisions of Recommendation ITU-R M.1457”) will apply. The completion of Step 8 will be synchronized with the recurring update of Recommendation ITU-R M.1457. Consequently, after successful completion of Step 7, the new technology can enter the revision cycle for Recommendation ITU-R M.1457 at X+2A or as late as X+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 13 update to be able to consider new technology proposals for inclusion into the Revision 13 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-2000/3(Rev.1). This high level schedule is provided immediately below:

High level schedule for New Technology Proposals for Revision 13¹

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 2015 and 2016 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>).

Process Step IMT-2000/1(Rev.1)	Date	Action IMT-2000/1(Rev.1) or IMT-2000/3(Rev.1)
Critical Milestone (0):	<p align="center">15-22 October 2014 (WP 5D #20)</p> <p>■ Liaison in Document 5D/836 Att. 5.11 (5D/TEMP/473) dispatched and copied to all External Organizations in November 2014</p>	Step 1 Invitation to Propose RITs
Critical Milestone (1):	<p align="center">20 January 2015 (7 days before 27 January – 4 February 2015 – WP 5D #21)</p>	Step 3 Cut-off date for submission of candidate RIT and SRIT proposal
	<p align="center">February 2015</p>	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.
	<p align="center">February 2015 to February 2016</p>	Opportunity for registration of Evaluation Groups
Critical Milestone (2):	<p align="center">xx February 2016 (7 days before xx-xx February 2016 – WP 5D #23)</p>	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):	<p align="center">WP 5D #23 xx-xx February 2016</p>	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	<p align="center">X+2B: yy June 2016 (7 days before yy -yy June 2016 WP 5D #24)</p>	Step 8 Development of the new section in Rec. ITU-R M.1457 for the Radio Interface Technology. Final date for submission of Certification B.
Synchronization of Finalization of the Revision	<p align="center">Starting with X+2B: yy June 2016 (7 days before yy-yy June 2016 WP 5D #24)</p> <p align="center">And continuing with the subsequent dates indicated in Table 1 below in this document</p>	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.

5 Detailed schedule for the Revision 13 update for Existing Technologies in Recommendation ITU-R M.1457

Table 1 below, extracted from **IMT-2000/3(Rev.1)** and amended with specific dates, provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.1457 as indicated in Section 3 of **IMT-2000/3(Rev.1)** 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.1457.

Calendar 1 provides a summary of actions defined in Table 1 for Revision 13 in a calendar view.

It should be noted that since Table 2 in Document IMT-2000/3(Rev.1) which provides the detailed timeline for the updates to existing technologies in Recommendation ITU-R M.1457 (applicable to the case where a GCS is not utilized) does not apply for the Revision 13 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.1457 applicable to Section 3 of IMT-2000/3(Rev.1) in the case when a GCS is utilized

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
1	WP 5D	Meeting “X-1” or earlier	Communiqué to <i>GCS Proponent, Transposing Organizations, and relevant External Organizations</i> announcing the next revision of Rec. ITU-R M.1457 and providing the detailed timelines for the revision.	15-22 October (WP 5D #20)
2	<i>Existing GCS Proponent</i>	Meeting “X”	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.	20 January 2015 (7 days before 27 January – 4 February 2015 – WP 5D #21)
3	WP 5D	Meeting “X”	WP 5D review of submitted materials and opportunity for responding to <i>GCS Proponents</i> .	27 January – 4 February 2015 (WP 5D #21)
4	<i>Existing GCS Proponent</i>	Meeting “X+1”	Delivery to ITU-R by the <i>GCS Proponent</i> of further information, including a summary of the proposed update.*	3 June 2015 (7 days before 10-18 June 2015 - WP 5D #22)
5	WP 5D	Meeting “X+1”	WP 5D review of submitted materials and opportunity for responding to <i>GCS Proponents</i> .	10-18 June 2015 (WP 5D #22)

² Based on planned meeting dates. Confirmed meeting dates of WP 5D for 2013 and 2014 will be published on the ITU website (<http://www.itu.int/events/upcomingevents.asp?sector=ITU-R&lang=en>).

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
6	<p style="text-align: center;">Existing GCS Proponent or Existing Transposing Organization (Scenario 3 only)</p>	<p style="text-align: center;">Meeting “X+2A” Alternative 1</p>	<p><i>Case requiring a modification of the GCS</i> Delivery to ITU-R by the GCS Proponent of the detailed update, including the relevant templates (as per document IMT-2000/4, specifically Circular Letter 8/LCCE/47 and its Attachments) and any related supporting material for the proposed update to Rec. ITU-R M.1457, 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.1457:</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 style="text-align: center;">xx Feb 2016</p> <p style="text-align: center;">(7 days before xx-xx Feb 2016 – WP 5D #23)</p>

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
7	<p style="text-align: center;">Existing GCS Proponent or Existing Transposing Organization (Scenario 3 only)</p>	<p style="text-align: center;">Meeting “X+2B” Alternative 2</p>	<p><i>Case requiring a modification of the GCS</i></p> <p>Delivery to ITU-R by the GCS Proponent of the detailed update, including the relevant templates (as per Document IMT-2000/4, specifically Circular Letter 8/LCCE/47 and its Attachments) and any related supporting material for the proposed update to Rec. ITU-R M.1457, 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></p> <p><i>Scenario 1 – Case of a revised Overview, synopsis, or other material in Rec. ITU-R M.1457:</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 style="text-align: center;">yy June 2016</p> <p style="text-align: center;">(7 days before yy-yy June 2016 WP 5D #24)</p>

Item	Entity	Meeting designation & timeframe	Action/Deliverable/Milestone	Specific Dates
8	WP 5D	Meeting “X+2A” or “X+2B”	<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.1457.</p> <p>WP 5D finalizes and agrees the specific technology update in the draft revision of Rec. ITU-R M.1457 (not necessarily including the detailed transposition references).</p> <p>WP 5D liaison of the WP 5D agreed draft Revision of Rec. ITU-R M.1457 to the relevant GCS Proponents and Transposing Organizations for their use in developing their inputs of the detailed references.</p> <p>Note: In any event, the WP 5D meeting (“X+2B”) will finalize the entirety of the preliminary WP 5D agreed draft revision of Rec. ITU-R M.1457 for all updated technologies (not necessarily including the detailed transposition references).</p>	<p>(X+2A) xx-xx February 2016 (WP 5D #23)</p> <p>or</p> <p>(X+2B) yy-yy June 2016 (WP 5D #24)</p>
9	Transposing Organizations	Due to ITU-R approximately one month prior to the subsequent Meeting	<p>Delivery to ITU-R of transposition references by <u>each</u> Transposing Organization for incorporation into the WP 5D preliminary agreed draft revision of Rec. ITU-R M.1457.</p> <p>Delivery to ITU-R of Certification C by <u>each</u> Transposing Organization.</p> <p>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 Transposing Organization would have already provided the complete information by meeting “X+2A” or “X+2B”</i></p>	<p>zz September 2016</p>
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	<p>Anticipated to be zz October 2016</p>
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 of Rec. ITU-R M.1457.</p> <p>WP 5D forwards to Study Group 5 the revision of Rec. ITU-R M.1457.</p>	<p>zz-zz October 2016 (WP 5D #25)</p>

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 of Rec. ITU-R M.1457 (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 in [November/December] 2016
13	Study Group 5	(Approximately November/December of current revision year)	Study Group 5 considers adoption of the revision of Rec. ITU-R M.1457 for forwarding to Member States for approval.	Date to be determined depending on actual SG 5 meeting schedule in [November/December] 2016

CALENDAR 1

Summary of actions for Revision 12 of existing technologies organized in a calendar view

Part 1: Milestone Summary for ITU-R WP 5D and Radiocommunication Bureau (BR) for Revision of Existing Technologies							
	WP 5D #20	WP 5D #21	WP 5D #22	WP 5D #23	WP 5D #24	WP 5D #25	
DATE	15-22 October 2014	27 January - 4 February 2015	10-18 June 2015	xx-xx February 2016	yy-yy June 2016	zz-zz October 2016	
Meeting Designator	'X-1'	'X'	'X+1'	'X+2A'	'X+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							
	WP 5D #20	WP 5D #21	WP 5D #22	WP 5D #23	WP 5D #24	WP 5D #25	
Deadline	21 January 2015	11 June 2015		xx February 2016	yy June 2016	zz September 2016	
Meeting Designator	7 days before 'X'	7 days before 'X+1'		7 days before X+2A	7 days before X+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)	