3GPP2 Release Planning Guideline
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Revision History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Description of Changes</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>Rev 0 v1.0</td>
<td>Publication</td>
<td>March 2004</td>
</tr>
<tr>
<td>Rev 0 v2.0</td>
<td>Changes made to reflect organizational restructuring and to bring into alignment with latest SC.R1005 3GPP2 Drafting Rules.</td>
<td>March 2013</td>
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This foreword is not part of this document.

This document was prepared by the Third Generation Partnership Project 2 (3GPP2).
1 INTRODUCTION

1.1 Scope

This document provides uniform procedures for gathering, reviewing and approving release content, with the following specific objectives.

- Release content will be contribution driven.
- Content for each Release will be described in system release documentation.
- Each Release will be socialized across all TSGs for review and comment prior to final approval by the Steering Committee (SC) as per the timeframes outlined herein.
- Release publication cycle will be targeted for every 18 months.

This document also provides an example of an 18-month release plan timeline for the 3GPP2 system release cycle.

1.2 References

The following documents are referenced herein:

[2] SC.R1003-0 v1.0 Work Item, Stage 1 and System Requirements Process Guidelines

1.3 Document Conventions

“Shall” and “shall not” identify requirements to be followed strictly to conform to this document and from which no deviation is permitted. “Should” and “should not” indicate that one of several possibilities is recommended as particularly suitable, without mentioning or excluding others, that a certain course of action is preferred but not necessarily required, or that (in the negative form) a certain possibility or course of action is discouraged but not prohibited. “May” and “need not” indicate a course of action permissible within the limits of the document. “Can” and “cannot” are used for statements of possibility and capability, whether material, physical or causal.

1.4 Definitions & Abbreviations

The terms and abbreviations that are used within this specification are defined as follows:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
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<tbody>
<tr>
<td>PMT</td>
<td>Steering Committee Program Management Team, also known as SC PMT.</td>
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<tr>
<td>Release Critical Work Item</td>
<td>Feature without which the release package will not be complete.</td>
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<tr>
<td>Release Plan</td>
<td>Subset of 3GPP2 Workplan consisting of items targeted for the current release, held in the 3GPP2 Workplan</td>
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<tr>
<td>Database</td>
<td>Initiates the final steps to close the release package including, but not limited to, schedule and content finalization.</td>
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## 2 Release Plan Management

Release Plan Management is the process by which the SC PMT, on behalf of the 3GPP2 SC, coordinates a 3GPP2 system release. Release coordination includes the following:

- Define Release Critical WIs to be included in the system release based on inputs from 3GPP2 member companies.
- Schedule the system release completion date based on TSG inputs for their completion of tasks associated with the Release Critical WIs.
- Monitor the progress of the overall system release schedule based on the inputs for TSG work status on each item.
- Coordinate the TSG efforts for system release completion by documenting and publicizing schedule concerns as they are identified.
- Evaluate tradeoffs between system release schedule and the list of Release Critical WIs included in that release for recommendation to and action by the 3GPP2 SC.
- Certify the completion by confirmation of publication of all 3GPP2 documents associated with the Release Critical WIs.

### 2.1 Release Plan Schedule Review and Content Re-Evaluation

The PMT reviews and monitors the Release Plan on an ongoing basis. Changes to the Release Plan may be precipitated by:

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1 cdma2000® is a trademark for the technical nomenclature for certain specifications and standards of the Organizational Partners (OPs) of 3GPP2. Geographically (and as of the date of publication), cdma2000 is a registered trademark of the Telecommunications Industry Association (TIA-USA) in the United States.
• If a slip in the development of a Release Critical Work Item occurs, the item should be re-examined, its priority re-evaluated and the schedule adjusted accordingly, if necessary.

• Conversely, if a non-Release Critical Work Item is re-examined and possibly elevated to critical, then the impact to the release plan is assessed.

The focus of a release is to be relevant and timely to industry needs. As a contribution driven process, the substance (e.g., content, quality) of the specifications must be balanced against the schedule, based on the criteria above. However, there should be some limits in schedule adjustment so that the whole release should not be jeopardized (i.e., if a specification development for certain content cannot meet the release schedule, it may be desirable to carry over that content to the next release.)

Changes to a release plan’s content or schedule should be reported to the PMT to allow the appropriate coordination and re-approved, if necessary, by the SC.

2.2 System Release Guide

A System Release Guide (SRG) provides an overview of and reference to a release of the 3GPP2 developed cdma2000 mobile wireless telecommunication system capabilities, features, and services. This document is intended for use by all parties with a material interest in cdma2000 systems.

The features and capabilities provided by a cdma2000 System Release are directly exported from the approved 3GPP2 workplan, including feature and specification descriptions.

2.3 Release Plan Timeline

Please refer to Appendix 9.1 for an example of an eighteen (18) month release plan timeline identifying the steps and milestones during that process. This shows the sequential steps taken to deliver a release plan, in this example occurring over the course of eighteen months.

3 Release Plan Nomenclature

3.1 System Name

The name of the wireless telecommunication system subject of the System Release is “cdma2000”. The technical documentation associated with the system and its constituent parts, including System Release documentation, should use that name consistently to refer to the system. Note that “CDMA2000” is alternatively used in the news media. Therefore a note to that effect is permissible in 3GPP2 documentation.

3.2 System Release Numbering

The System Releases are numbered sequentially as follows:

• cdma2000 System Release 1: cdma2000-1
• cdma2000 System Release 3: cdma2000-3
• Etc...
The System Release Guide should refer to the release number as “System Release Guide for cdma2000-4” (example is given for release 4).

4 Release Critical Work Item Identification

The identification of work items as critical to a release, aka Release Critical Work Items, is established based upon input from the following 3GPP2 participants:

- TSGs
- Market Representation Partners (MRPs)
- Individual Members (IMs)

During the review and deliberation of the proposals, the criteria for evaluating proposals for Release Critical Work Items are based upon the following considerations:

- Market demand for particular services/functions in the marketplace
- Interoperability of services/applications with other systems
- Competitive advantage against other mobile wireless systems
- Technological feasibility for timely implementation and development costs
- Required for end-to-end cdma2000 service
- Other considerations noted by the proponents

Using the Release Critical Work Item proposals, and following the process illustrated in the flowchart in Section 7 of this document, the PMT subsequently develops a proposed release plan utilizing the consensus process outlined in the 3GPP2 WPD. The proposal is submitted to the TSGs and MRPs for their review and comment. The comments are discussed in the PMT and the release plan is updated accordingly, with iterative update and review by TSGs, MRPs and the PMT, if needed. Once approved by the PMT, the final proposal is presented to the SC for review and approval.
5 Process Flowchart

Figure 1 - Part 1 of 3

Figure 1  Release Process Flowchart (Part 1 of 3)
Figure 2  Release Process Flowchart (Part 2 of 3)
Figure 3  Release Plan Flowchart (Part 3 of 3)
## 6 APPENDICES

### 6.1 Release Plan Timeline

**Sample Release Plan**

*Note: All dates are for illustration to show sample duration and sequencing, and are not actual.*

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<th>Task Name</th>
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<th>Q2 07</th>
<th>Q3 07</th>
<th>Q4 07</th>
<th>Q1 08</th>
<th>Q2 08</th>
<th>Q3 08</th>
<th>Q4 08</th>
<th>Q1 09</th>
<th>Q2 09</th>
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<th>Q2 10</th>
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<td>Publish System Release Guide for Previous Release</td>
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<td>3</td>
<td>PMT Gathers Release Content</td>
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<td>4</td>
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<td>PMT monitors progress and reviews release plan</td>
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*Figure 4  Sample Release Plan*