

Technical Specification Group Core Networks
Technical Specification Group Radio Access Network
Technical Specification Group Services and System Aspects
Technical Specification Group Terminals
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TSG-T: 6.3

Note: The present document is offered to all TSGs at meeting number 7.

Now that the 3GPP specifications for Release 1999 are nearing completion, it is timely to consider the mechanism for moving to Release 2000. MCC proposes the following detailed procedure for the creation and maintenance of next-release specifications.

The TSG is requested to agree this procedure.

1 How do I tell a Release 2000 specification from a Release 1999 one?

Answer: Release 2000 specifications will bear version numbers of the form **4.x.y** whilst Release 1999 ones will have versions of the form **3.x.y**. The Release should also be identified at the end of the title on the cover page of the document.

2 When to create the Release 2000 version of a specification?

Answer: when necessary, **and not before**.

2.1 Scenario 1: Release 1999 and Release 2000 deviate from each other prior to the end of 2000

If, during the development of a specification during year 2000, new functionality is proposed for inclusion in Release 2000 which is not also to be incorporated in the Release 1999 version, a CR shall be raised which will

1. detail the technical changes required, in the usual way; these will be in the form of changes to a given Release 1999 version
2. propose that the resulting version will be version 4.0.0 (Release 2000).

It is likely that other CRs to the Release 1999 specification intended to modify the Release 1999 specification (not to create Release 2000) will be submitted at the same time. It is normally the case that these CRs to Release 1999 should also be applied to the new Release 2000 document. Therefore, these CRs shall be implemented prior to the CR(s) creating the Release 2000 document. This is shown in the flow sequence below:

Event	Release 1999 spec version before CR	Release 1999 spec version after CR	Release 2000 spec version before CR	Release 2000 spec version after CR	Remarks
<i>TSG number X ...</i>					
CR <i>tomato</i> making technical change to v3.4.0	3.4.0	3.5.0	-	-	A "regular" CR.
CR <i>lettuce</i> making technical change to v3.4.0	3.4.0	3.5.0	-	-	A "regular" CR.
CR <i>onion</i> making technical change to v3.4.0	3.4.0	3.5.0	-	-	A "regular" CR.
CR <i>cucumber</i> making technical change to v3.4.0 and creating Release 2000 version	3.4.0	-	-	4.0.0	A dual purpose CR - technical change and creation of new release version.
<i>TSG number X+1 ...</i>					
CR <i>pepper</i> making technical change to v4.0.0	-	-	4.0.0	4.1.0	A "regular" CR.
<i>TSG number X+2 ...</i>					
CR <i>artichoke(a)</i> making corrective change to v4.1.0	-	-	4.1.0	4.2.0	A "regular" CR.
CR <i>artichoke(b)</i> making corrective change to v3.5.0	3.5.0	3.6.0	-	-	A "mirror" CR to keep the Release 1999 spec in step.

Note that there may be several CRs like *cucumber* at the same meeting; it is essential that all such are implemented after regular CRs of the type *tomato*, *lettuce* and *onion*. In effect, CRs of the *cucumber* variety are implemented on version 3.5.0, not on the original 3.4.0. The "change history" table of version 4.0.0 shall clearly show that the starting point was 3.4.0 and that, in generating version 4.0.0, CRs *tomato*, *lettuce* and *onion* were included, as well as *cucumber*.

Note that, once created, the Release 2000 specification will lead an independent life from its Release 1999 forbear. So if any corrections are required to the Release 1999 specification, the same corrections must also be made to the Release 2000 version, using a separate, "mirror", CR. It is for this reason - avoiding mirror CRs - that the creation of the separate Release 2000 document should be put off for as long as possible!

2.2 Scenario 2: No additional functionality is required in the Release 2000 specification prior to the end of 2000

If, following the last TSG meeting of 2000 (TSG#10 in December) it seems that Release 2000 functionality is stable, the 3GPP Secretariat (MCC) will create Release 2000 versions (4.0.0) for all those specifications where the functionality has not already deviated (scenario 1 above). This process will not require any CRs, but will be done on the initiative of the Secretariat. Each new version 4.0.0 specification will clearly identify the source version 3.x.x specification from which it was created.

This spawning process could, if necessary, be postponed until after the next TSG in spring 2001; however, the aim is of course to enable this to happen in late 2000 to make Release 2000 specifications available before the end of the year 2000.