

Source: PCG Secretary

Title: 3GPP Release Packages

Agenda item: 5.3

Document for:

| | |
|-------------|----------|
| Decision | |
| Discussion | |
| Information | X |

3GPP Specification series

The original GSM specifications (second generation) were divided into series 01. to 13. Within each series, specifications were numbered from 00 to 99. Releases are identified as:

| |
|-------------------------|
| Phase 1 |
| Phase 2 |
| Phase 2+ (Release 1996) |
| Phase 2+ (Release 1997) |
| Phase 2+ (Release 1998) |
| Phase 2+ (Release 1999) |

For the third generation, starting at Release 1999, 20 was added to the series number, and an additional digit added within the series, with specifications now numbered from 000 to 999. There was a one-to-one correspondence between the original 2G and the new 3G specs: for example, 02.93 maps directly to 22.093. The resulting specification is common to both 2G Release 1999 and 3G Release 1999. However, where different functionality is required in 2G and 3G systems, the original 2G spec remains (updated to Release 1999) and a new specification in the 3G series was created, with an offset of 100 in the spec number. For example, 05.04 (GSM Release 1998) became 05.04 (GSM Release 1999) and from it was adapted 25.104 (UMTS Release 1999). Many other new specifications, peculiar to 3G systems, were added.

When responsibility for maintenance and further development of the GSM specifications was transferred from ETSI TC SMG to 3GPP at the end of July 2000, the numbering of the GSM (2G) specifications was changed, for Release 4 onwards, as follows: 40 was added to the series number, and an additional digit was added within the series. Thus, for example, 08.04 (Release 1999) became 48.004 (Release 4).

This is summarized in the table below. For more detail, consult [3GPP TRs 01.01 and 21.101](#).

| | GSM pre- Release 4 | GSM Release 4 onwards | UMTS Release 1999 onwards |
|---|-----------------------------|--------------------------------|------------------------------------|
| Requirements | 01. | 41. | 21. |
| Service aspects | 02. | 42. | 22. |
| Technical realization | 03. | 43. | 23. |
| Signalling protocols (user equipment to network) | 04. | 44. | 24. |
| UTRA aspects | 05. | 45. | 25. |
| CODECs | 06. | 46. | 26. |
| Data | 07. | 47. | 27. |
| Signalling protocols (RSS- CN) | 08. | 48. | 28. |
| Signalling protocols (intra- fixed-network) | 09. | 49. | 29. |
| Programme management | 10. | 50. | 30. |
| User Identity Module (SIM / USIM) | 11. | 51. | 31. |
| O&M | 12. | 52. | 32. |
| Access requirements and test specifications | 13. | see note | |
| Security aspects | | | 33. |
| Test specifications | | | 34. |
| Security algorithms | | | 35. |

Note: The 13.-series GSM specifications relate to European-Union-specific regulatory standards. On the closure of ETSI TC SMG, responsibility for these specifications was transferred to [ETSI TC MSG](#), and they do not appear in the 3GPP file server.

The version numbering scheme was also modified for GSM specs from Release 4 onwards, as described in the table below:

| | GSM pre-Release 4 | GSM Release 4 onwards | UMTS Release 1999 onwards |
|---|-------------------|-----------------------|---------------------------|
| GSM Phase 1 | version 3.y.z | | |
| GSM Phase 2 | version 4.y.z | | |
| GSM Phase 2+ (Release 1996) | version 5.y.z | | |
| GSM Phase 2+ (Release 1997) | version 6.y.z | | |
| GSM Phase 2+ (Release 1998) | version 7.y.z | | |
| GSM Phase 2+ / UMTS (Release 1999) | version 8.y.z | | version 3.y.z |
| GSM Phase 2+ / UMTS (Release 2000) see note | version 9.y.z | version 4.y.z | version 4.y.z |
| GSM Phase 2+ / UMTS (Release 4) | | version 4.y.z | version 4.y.z |
| GSM Phase 2+ / UMTS (Release 5) | | version 5.y.z | version 5.y.z |

Note: Following a decision formally taken at the TSG meetings in Hawaii, September 2000, the concept of yearly releases was abandoned in favour of content-based releases offering defined added functionality. "Release 2000" was split into "Release 4" and "Release 5" with target freeze dates of March 2001 and December 2001 respectively. The terminology "Release 2000" was scrapped. The Release 2000 GSM specifications approved by the final TC SMG meeting prior to its closure were converted to the new numbering format (see above) and version scheme, so no GSM version 9.y.z specifications persist.