

Source: ETSI/PT 12

Date : 19 February 1991

Title : RELEASE LIST 1/1990 AFTER GSM 29 (JANUARY 1991)

Abstract: Attached to this covering sheet the Release List 1/1990 after GSM 29 (as at January 1991) is provided. It reflects the originally released version of the GSM specifications as well as all issued update versions to the Release 1/1990. It also gives the indication in which set the specification was included.

In addition to the GSM specifications of the original Release 1/1990, this list also encloses the approved specifications for the DCS 1800 Standard. This standard is now included in a new Set no.6.

Contents: Release List 1/1990 after GSM 29 (January 1991)
(attached)

Original language: English

Number of pages: 1 + 6 (attached list)

***** THIS PAGE IS INTENTIONALLY LEFT BLANK *****

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
01.02	General Description of a GSM PLMN	3.0.0	--	--	--	
01.04 REP	Vocabulary in a GSM PLMN	2.0.0	--	--	3.0.1	
01.06	Service Implementation Phases and Possible Further Phases in the GSM PLMN	3.0.1	--	--	--	2
02.01	Principles of Telecommunication Services Supported by a GSM PLMN	3.1.0	3.2.0	--	--	2
02.02	Bearer Services Supported by a GSM PLMN	3.1.1	--	--	--	2
02.03	Teleservices Supported by a GSM PLMN	3.4.0	--	--	--	2
02.04	General on Supplementary Services	3.6.1	--	--	3.7.0	2,3
02.05	Simultaneous and Alternate Use of Services	3.0.1	--	--	--	2
02.06	Types of Mobile Stations	3.2.0	--	--	--	2,3
02.06-DCS	Types of Mobile Stations			--	3.0.0	6
02.07	Mobile Station Features	3.3.0	--	--	3.4.0	2,3
02.08 REP	Report: Quality of Service	3.0.0	--	--	--	
02.09	Security Aspects	3.0.1	--	--	--	2,3
02.10	Provision of Telecommunication Services	3.0.1	--	--	--	2
02.11	Service Accessibility	3.4.0	--	--	3.5.0	2,3
02.11-DCS	Service Accessibility			--	3.0.0	6
02.12	Licensing	3.0.1	--	--	--	2
02.13	Subscription to the Services of a GSM PLMN	3.1.0	--	--	--	2
02.14	Service Directory	3.0.1	--	--	--	2
02.15	Circulation of Mobile Stations	3.0.1	--	--	--	2
02.16	International MS Equipment Identities	3.0.1	--	--	--	2,3
02.17	Subscriber Identity Modules, Functional Characteristics	3.2.0	--	--	--	2,3
02.20	Collection Charges	3.0.1	--	--	--	2
02.21	Transferred Account Procedure and Billing Information	3.3.0	--	--	--	2
02.24	Description of Advice of Charge	3.0.0	--	--	--	
02.30	Man-machine Interface of the Mobile Station	3.5.0	3.6.0	3.7.0	3.8.0	2,3
02.40	Procedures for Call Progress Indications	3.2.0	--	--	--	2,3
02.81	Number Identification Supplementary Services	3.1.2	--	--	--	

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
02.82	Call Offering Supplementary Services	3.6.0	--	3.6.1	--	2,3
02.83	Call Completion Supplementary Services	3.0.0	--	--	--	
02.84	Multi-party Supplementary Services	3.0.0	--	--	--	
02.85	Community of Interest Supplementary Services	3.0.0	--	--	--	
02.86	Charging Supplementary Services	3.0.0	--	--	--	
02.87	Additional Information Transfer Supplementary Services	3.0.0	--	--	--	
02.88	Call Restriction Supplementary Services	3.6.0	--	3.6.1	--	2,3
02.89	Priority Supplementary Services				--	2,3
03.01	Network Functions	3.1.1	--	--	--	2
03.02	Network Architecture	3.1.4	--	--	--	2
03.03	Numbering, Addressing and Identification	3.4.1	3.4.2	--	3.5.0	2,3,5
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	3.1.0	--	--	--	2,5
03.05	Technical Performance Objectives	3.0.1	--	3.1.0	--	2
03.07	Restoration Procedures	3.1.3	--	3.2.0	--	2,5
03.08	Organization of Subscriber Data	3.6.1	--	--	3.7.0	2,5
03.09	Handover Procedures	3.1.2	--	3.2.0	--	2,5
03.10	GSM PLMN Connection Types	3.3.0	--	--	--	2,3,4
03.11	Technical Realization of Supplementary Services - General Aspects	3.1.1	--	--	--	2,5
03.12	Location Registration Procedures	3.1.4	--	3.2.0	3.2.1	2,5
03.12-DCS	Location Registration Procedures				3.0.0	6
03.13	Discontinuous Reception (DRX) in the GSM System	3.0.2	--	--	--	2,3,4,5
03.14	Support of DTMF via the GSM System	3.0.2	--	--	--	2,3,4,5
03.20	Security-related Network Functions	3.3.0	--	3.3.1	3.3.2	2,3,4,5
03.40	Technical Realization of the Short Message Service Point-to-point	3.4.0	--	3.4.1	3.5.0	2,3,4,5
03.41	Technical Realization of Short Message Service Cell Broadcast	3.2.0	--	3.2.1	3.3.0	2,3,4,5
03.42 REP	Report: Technical Realization of Advanced Data MHS Access	3.0.0	--	--	--	
03.43	Technical Realization of Videotex	3.0.1	--	--	--	2,3,4,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
03.44	Support of Teletex in a GSM PLMN	3.0.1	--	--	--	2,3,4,5
03.45	Technical Realization of Facsimile Group 3 Service - transparent	3.0.1	--	--	--	2,3,4,5
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	3.0.1	--	--	--	2,3,4,5
03.48 REP	Report: GSM Short Message Service - Cell Broadcast	3.0.0	--	--	--	
03.50	Transmission Planning Aspects of the Speech Service in the GSM PLMN System	3.1.0	--	3.2.0	--	2,3,5
03.70	Routing of Calls to/from PDNs	3.0.0	--	--	--	2,5
03.82	Technical Realization of Call Offering Supplementary Services	3.1.0	--	3.1.1	3.2.0	2,5
03.88	Technical Realization of Call Restriction Supplementary Services	3.1.0	--	3.1.1	3.2.0	2,5
04.01	MS-BSS Interface - General Aspects and Principles	3.0.1	--	--	--	2,3,4,5
04.02	GSM PLMN Access Reference Configuration	3.0.2	--	--	--	2,3,4,5
04.03	MS-BSS Interface : Channel Structures and Access Capabilities	3.0.3	--	--	--	2,3,4,5
04.04	MS-BSS Layer 1 - General Requirements	3.3.1	--	--	3.3.3	2,3,4,5
04.05	MS-BSS Data Link Layer - General Aspects	3.1.4	--	--	--	2,3,4,5
04.06	MS-BSS Data Link Layer Specification	3.6.2	--	--	3.7.0	2,3,4,5
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	3.3.2	--	--	--	2,3,4
04.08	Mobile Radio Interface - Layer 3 Specification	3.8.2	3.9.0	3.10.0	3.11.0	2,3,4,5
04.08-DCS	Mobile Radio Interface - Layer 3 Specification				3.0.0	6
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	3.2.1	--	3.2.2	3.2.3	2,3,4,5
04.11	Point-to-point Short Message Service Support on Mobile Radio Interface	3.1.0	--	--	3.1.1	2,3,4,5
04.12	Cell Broadcast Short Message Service Support on Mobile Radio Interface	3.2.0	--	--	3.2.1	2,3,4,5
04.21	Rate Adaptation on MS-BSS Interface	3.2.0	--	--	3.2.0	2,3,4,5
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	3.4.0	--	3.5.0	3.6.0	2,3,4,5
04.80	Mobile Radio Interface Layer 3 - SS Specification - Formats and Coding	3.0.1	--	3.1.0	3.2.0	2,3,4,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
04.82	Mobile Radio Interface Layer 3 - Call Offering SS Specification	3.1.1	- -	3.1.2	3.1.3	2,3,4,5
04.88	Mobile Radio Interface Layer 3 - Call Restriction SS Specification	3.1.1	- -	3.1.2	3.1.3	2,3,4,5
05.01	Physical Layer on the Radio Path (General Description)	3.3.1	- -	- -	3.3.2	2,3,4
05.01-DCS	Physical Layer on the Radio Path (General Description)				3.0.0	6
05.02	Multiplexing and Multiple Access on the Radio Path	3.4.1	- -	- -	3.5.0	2,3,4
05.03	Channel Coding	3.5.1	- -	- -	3.5.1	2,3,4
05.04	Modulation	3.1.1	- -	- -	3.1.2	2,3,4
05.05	Radio Transmission and Reception	3.11.0	- -	- -	3.12.0	2,3,4
05.05-DCS	Radio Transmission and Reception				3.0.0	6
05.08	Radio Subsystem Link Control	3.6.0	- -	- -	3.7.0	2,3,4
05.08-DCS	Radio Subsystem Link Control				3.0.0	6
05.10	Radio Subsystem Synchronization	3.4.0	- -	- -	3.5.0	2,3,4
06.01	Speech Processing Functions : General Description	3.0.0	- -	- -	- -	2,3,4,5
06.10	GSM Full Rate Speech Transcoding	3.2.0	- -	- -	3.2.0	2,3,4,5
06.11	Substitution and Muting of Lost Frames for Full-rate Speech Traffic Channels	3.0.0	- -	- -	3.0.0	2,3,4
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	3.0.0	- -	- -	3.0.0	2,3,4
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	3.1.0	- -	- -	3.1.0	2,3,4
06.32	Voice Activity Detection	3.0.0	- -	- -	3.0.0	2,3,4
07.01	General on Terminal Adaptation Functions for MSs	3.8.0	3.9.0	- -	3.10.0	2,3
07.02	Terminal Adaptation Functions for Services Using Asynchronous Bearer Capabilities	3.6.0	- -	- -	3.6.0	2,3
07.03	Terminal Adaptation Functions for Services Using Synchronous Bearer Capabilities	3.1.0	- -	- -	3.2.0	2,3
08.01	General Aspects on the BSS-MSC Interface	3.0.1	- -	- -	- -	2,5
08.02	BSS-MSC Interface - Interface Principles	3.3.1	- -	- -	- -	2,5
08.04	BSS-MSC Layer 1 Specification	3.0.3	- -	- -	- -	2,5
08.06	Signalling Transport Mechanism Specification for the BSS-MSC Interface	3.5.1	- -	- -	- -	2,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
08.08	BSS-MSC Layer 3 Specification	3.9.3	3.9.4	--	--	2,5
08.09	Network Management Signalling Support Related to BSS	3.0.1	--	--	--	
08.20	Rate Adaptation on the BSS-MSC Interface	3.1.1	3.1.2	--	--	2,5
08.51	BSC-BTS Interface, General Aspects	3.0.1	--	--	--	2,5
08.52	BSC-BTS Interface Principles	3.0.1	--	--	--	2,5
08.54	BSC-TRX Layer 1 : Structure of Physical Circuits	3.0.0	--	--	--	2,5
08.56	BSC-BTS Layer 2 Specification	3.1.0	--	--	--	2,5
08.58	BSC-BTS Layer 3 Specification	3.4.2	3.5.0	--	--	2,5
08.58-DCS	BSC-BTS Layer 3 Specification				3.0.0	6
08.59	BSC-BTS O&M Signalling Transport	3.0.0	--	3.1.0	--	2,5
08.60	Inband Control of Remote Transcoders and Rate Adaptors	3.2.0	--	3.3.0	--	2,5
09.01	General Network Interworking Scenarios	3.0.1	--	--	--	2,5
09.02	Mobile Application Part Specification	3.5.1	3.6.0	3.7.0	3.8.0	2,5
09.02-DCS	Mobile Application Part Specification				3.0.0	6
09.03	Requirements on Interworking between the ISDN or PSTN and the PLMN	3.0.1	--	--	--	2,5
09.04	Interworking between the PLMN and the CSPDN	3.0.1	--	--	--	2,5
09.05	Interworking between the PLMN and the PSPDN for PAD Access	3.2.2	--	--	--	2,5
09.06	Interworking between a PLMN and a PSPDN/ISDN for Support of Packet Switched Data Transmission Services	3.0.0.	--	--	--	
09.07	General Requirements on Interworking between the PLMN and the ISDN or PSTN	3.5.0	3.6.0	--	--	2,5
09.09 REP	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	3.0.0	--	--	--	2,5
09.10	Information Element Mapping between MS-BSS/BSS-MSC Signalling Procedures and MAP	3.0.2	--	--	--	2,5
09.10-DCS	Information Element Mapping between MS-BSS/BSS-MSC Signalling Procedures and MAP				3.0.0	6
09.11	Signalling Interworking for Supplementary Services	3.0.0	--	3.0.1	--	2,3,4,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
11.01	Principles of Type Approval Procedures for GSM MSs	3.0.0	--	--	--	
11.10	Mobile Station Conformity Specifications	3.1.0	3.1.0	3.2.0	3.3.0	2,3
11.11	Specification of the SIM-ME Interface	3.3.0	3.4.0	3.5.0	3.6.0	2,3
11.11-DCS	Specification of the SIM/ME Interface				3.0.0	6
11.20	The GSM Base Station System : Equipment Specification	3.1.0	3.2.0	3.3.0	--	2,5
11.30 REP	Mobile Services Switching Centre	3.2.1	--	--	--	2
11.31 REP	Home Location Register Specification	3.2.1	--	--	--	2
11.32 REP	Visitor Location Register Specification	3.2.1	--	--	--	2
11.40	System Simulator Specification (MS conformance test system)	3.0.0	--	3.1.0	3.2.0	2,3
12.00	Objectives and Structure of Network Management	3.0.4	--	--	--	2
12.01	Common Aspects of GSM Network Management	3.0.1	--	--	--	2,5
12.02	Subscriber, Mobile Equipment and Services Data Administration	3.1.0	--	--	--	2,5
12.03	Security Management	3.0.1	--	--	--	2,5
12.04	Performance Data Measurements	3.1.0	3.2.0	3.2.1		2
12.05	Subscriber Related Event and Call Data	3.1.0	3.2.0	--	--	2
12.06	GSM Network Change Control	3.0.1	3.0.2	--	--	2
12.07	Operations and Performance Management	3.0.2	--	--	--	2,5
12.10	Maintenance Provisions for Operational Integrity of MSs	3.0.1	--	--	--	2,3
12.11	Maintenance of the Base Station System	3.1.1	--	--	--	2,5
12.13	Maintenance of the Mobile-services Switching Centre	3.0.2	--	--	--	2,5
12.14	Maintenance of Location Registers	3.0.2	--	--	--	2,5
12.20	Network Management Procedures and Messages	3.1.0	3.2.0	3.3.0	--	2,5
12.21	Network Management Procedures and Messages on the A-bis Interface	3.0.0	3.1.0	--	--	2,5

Source: ETSI/PT 12

Date : 19 February 1991

Title : RELEASE LIST 1/1990 AFTER GSM 29 (JANUARY 1991)

Abstract: Attached to this covering sheet the Release List 1/1990 after GSM 29 (as at January 1991) is provided. It reflects the originally released version of the GSM specifications as well as all issued update versions to the Release 1/1990. It also gives the indication in which set the specification was included.

In addition to the GSM specifications of the original Release 1/1990, this list also encloses the approved specifications for the DCS 1800 Standard. This standard is now included in a new Set no.6.

Contents: Release List 1/1990 after GSM 29 (January 1991)
(attached)

Original language: English

Number of pages: 1 + 6 (attached list)

***** THIS PAGE IS INTENTIONALLY LEFT BLANK *****

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
01.02	General Description of a GSM PLMN	3.0.0	--	--	--	
01.04 REP	Vocabulary in a GSM PLMN	2.0.0	--	--	3.0.1	
01.06	Service Implementation Phases and Possible Further Phases in the GSM PLMN	3.0.1	--	--	--	2
02.01	Principles of Telecommunication Services Supported by a GSM PLMN	3.1.0	3.2.0	--	--	2
02.02	Bearer Services Supported by a GSM PLMN	3.1.1	--	--	--	2
02.03	Teleservices Supported by a GSM PLMN	3.4.0	--	--	--	2
02.04	General on Supplementary Services	3.6.1	--	--	3.7.0	2,3
02.05	Simultaneous and Alternate Use of Services	3.0.1	--	--	--	2
02.06	Types of Mobile Stations	3.2.0	--	--	--	2,3
02.06-DCS	Types of Mobile Stations			--	3.0.0	6
02.07	Mobile Station Features	3.3.0	--	--	3.4.0	2,3
02.08 REP	Report: Quality of Service	3.0.0	--	--	--	
02.09	Security Aspects	3.0.1	--	--	--	2,3
02.10	Provision of Telecommunication Services	3.0.1	--	--	--	2
02.11	Service Accessibility	3.4.0	--	--	3.5.0	2,3
02.11-DCS	Service Accessibility			--	3.0.0	6
02.12	Licensing	3.0.1	--	--	--	2
02.13	Subscription to the Services of a GSM PLMN	3.1.0	--	--	--	2
02.14	Service Directory	3.0.1	--	--	--	2
02.15	Circulation of Mobile Stations	3.0.1	--	--	--	2
02.16	International MS Equipment Identities	3.0.1	--	--	--	2,3
02.17	Subscriber Identity Modules, Functional Characteristics	3.2.0	--	--	--	2,3
02.20	Collection Charges	3.0.1	--	--	--	2
02.21	Transferred Account Procedure and Billing Information	3.3.0	--	--	--	2
02.24	Description of Advice of Charge	3.0.0	--	--	--	
02.30	Man-machine Interface of the Mobile Station	3.5.0	3.6.0	3.7.0	3.8.0	2,3
02.40	Procedures for Call Progress Indications	3.2.0	--	--	--	2,3
02.81	Number Identification Supplementary Services	3.1.2	--	--	--	

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
02.82	Call Offering Supplementary Services	3.6.0	--	3.6.1	--	2,3
02.83	Call Completion Supplementary Services	3.0.0	--	--	--	
02.84	Multi-party Supplementary Services	3.0.0	--	--	--	
02.85	Community of Interest Supplementary Services	3.0.0	--	--	--	
02.86	Charging Supplementary Services	3.0.0	--	--	--	
02.87	Additional Information Transfer Supplementary Services	3.0.0	--	--	--	
02.88	Call Restriction Supplementary Services	3.6.0	--	3.6.1	--	2,3
02.89	Priority Supplementary Services				--	2,3
03.01	Network Functions	3.1.1	--	--	--	2
03.02	Network Architecture	3.1.4	--	--	--	2
03.03	Numbering, Addressing and Identification	3.4.1	3.4.2	--	3.5.0	2,3,5
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	3.1.0	--	--	--	2,5
03.05	Technical Performance Objectives	3.0.1	--	3.1.0	--	2
03.07	Restoration Procedures	3.1.3	--	3.2.0	--	2,5
03.08	Organization of Subscriber Data	3.6.1	--	--	3.7.0	2,5
03.09	Handover Procedures	3.1.2	--	3.2.0	--	2,5
03.10	GSM PLMN Connection Types	3.3.0	--	--	--	2,3,4
03.11	Technical Realization of Supplementary Services - General Aspects	3.1.1	--	--	--	2,5
03.12	Location Registration Procedures	3.1.4	--	3.2.0	3.2.1	2,5
03.12-DCS	Location Registration Procedures				3.0.0	6
03.13	Discontinuous Reception (DRX) in the GSM System	3.0.2	--	--	--	2,3,4,5
03.14	Support of DTMF via the GSM System	3.0.2	--	--	--	2,3,4,5
03.20	Security-related Network Functions	3.3.0	--	3.3.1	3.3.2	2,3,4,5
03.40	Technical Realization of the Short Message Service Point-to-point	3.4.0	--	3.4.1	3.5.0	2,3,4,5
03.41	Technical Realization of Short Message Service Cell Broadcast	3.2.0	--	3.2.1	3.3.0	2,3,4,5
03.42 REP	Report: Technical Realization of Advanced Data MHS Access	3.0.0	--	--	--	
03.43	Technical Realization of Videotex	3.0.1	--	--	--	2,3,4,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
03.44	Support of Teletex in a GSM PLMN	3.0.1	--	--	--	2,3,4,5
03.45	Technical Realization of Facsimile Group 3 Service - transparent	3.0.1	--	--	--	2,3,4,5
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	3.0.1	--	--	--	2,3,4,5
03.48 REP	Report: GSM Short Message Service - Cell Broadcast	3.0.0	--	--	--	
03.50	Transmission Planning Aspects of the Speech Service in the GSM PLMN System	3.1.0	--	3.2.0	--	2,3,5
03.70	Routing of Calls to/from PDNs	3.0.0	--	--	--	2,5
03.82	Technical Realization of Call Offering Supplementary Services	3.1.0	--	3.1.1	3.2.0	2,5
03.88	Technical Realization of Call Restriction Supplementary Services	3.1.0	--	3.1.1	3.2.0	2,5
04.01	MS-BSS Interface - General Aspects and Principles	3.0.1	--	--	--	2,3,4,5
04.02	GSM PLMN Access Reference Configuration	3.0.2	--	--	--	2,3,4,5
04.03	MS-BSS Interface : Channel Structures and Access Capabilities	3.0.3	--	--	--	2,3,4,5
04.04	MS-BSS Layer 1 - General Requirements	3.3.1	--	--	3.3.3	2,3,4,5
04.05	MS-BSS Data Link Layer - General Aspects	3.1.4	--	--	--	2,3,4,5
04.06	MS-BSS Data Link Layer Specification	3.6.2	--	--	3.7.0	2,3,4,5
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	3.3.2	--	--	--	2,3,4
04.08	Mobile Radio Interface - Layer 3 Specification	3.8.2	3.9.0	3.10.0	3.11.0	2,3,4,5
04.08-DCS	Mobile Radio Interface - Layer 3 Specification				3.0.0	6
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	3.2.1	--	3.2.2	3.2.3	2,3,4,5
04.11	Point-to-point Short Message Service Support on Mobile Radio Interface	3.1.0	--	--	3.1.1	2,3,4,5
04.12	Cell Broadcast Short Message Service Support on Mobile Radio Interface	3.2.0	--	--	3.2.1	2,3,4,5
04.21	Rate Adaptation on MS-BSS Interface	3.2.0	--	--	3.2.0	2,3,4,5
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	3.4.0	--	3.5.0	3.6.0	2,3,4,5
04.80	Mobile Radio Interface Layer 3 - SS Specification - Formats and Coding	3.0.1	--	3.1.0	3.2.0	2,3,4,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
04.82	Mobile Radio Interface Layer 3 - Call Offering SS Specification	3.1.1	- -	3.1.2	3.1.3	2,3,4,5
04.88	Mobile Radio Interface Layer 3 - Call Restriction SS Specification	3.1.1	- -	3.1.2	3.1.3	2,3,4,5
05.01	Physical Layer on the Radio Path (General Description)	3.3.1	- -	- -	3.3.2	2,3,4
05.01-DCS	Physical Layer on the Radio Path (General Description)				3.0.0	6
05.02	Multiplexing and Multiple Access on the Radio Path	3.4.1	- -	- -	3.5.0	2,3,4
05.03	Channel Coding	3.5.1	- -	- -	3.5.1	2,3,4
05.04	Modulation	3.1.1	- -	- -	3.1.2	2,3,4
05.05	Radio Transmission and Reception	3.11.0	- -	- -	3.12.0	2,3,4
05.05-DCS	Radio Transmission and Reception				3.0.0	6
05.08	Radio Subsystem Link Control	3.6.0	- -	- -	3.7.0	2,3,4
05.08-DCS	Radio Subsystem Link Control				3.0.0	6
05.10	Radio Subsystem Synchronization	3.4.0	- -	- -	3.5.0	2,3,4
06.01	Speech Processing Functions : General Description	3.0.0	- -	- -	- -	2,3,4,5
06.10	GSM Full Rate Speech Transcoding	3.2.0	- -	- -	3.2.0	2,3,4,5
06.11	Substitution and Muting of Lost Frames for Full-rate Speech Traffic Channels	3.0.0	- -	- -	3.0.0	2,3,4
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	3.0.0	- -	- -	3.0.0	2,3,4
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	3.1.0	- -	- -	3.1.0	2,3,4
06.32	Voice Activity Detection	3.0.0	- -	- -	3.0.0	2,3,4
07.01	General on Terminal Adaptation Functions for MSs	3.8.0	3.9.0	- -	3.10.0	2,3
07.02	Terminal Adaptation Functions for Services Using Asynchronous Bearer Capabilities	3.6.0	- -	- -	3.6.0	2,3
07.03	Terminal Adaptation Functions for Services Using Synchronous Bearer Capabilities	3.1.0	- -	- -	3.2.0	2,3
08.01	General Aspects on the BSS-MSC Interface	3.0.1	- -	- -	- -	2,5
08.02	BSS-MSC Interface - Interface Principles	3.3.1	- -	- -	- -	2,5
08.04	BSS-MSC Layer 1 Specification	3.0.3	- -	- -	- -	2,5
08.06	Signalling Transport Mechanism Specification for the BSS-MSC Interface	3.5.1	- -	- -	- -	2,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
08.08	BSS-MSC Layer 3 Specification	3.9.3	3.9.4	--	--	2,5
08.09	Network Management Signalling Support Related to BSS	3.0.1	--	--	--	
08.20	Rate Adaptation on the BSS-MSC Interface	3.1.1	3.1.2	--	--	2,5
08.51	BSC-BTS Interface, General Aspects	3.0.1	--	--	--	2,5
08.52	BSC-BTS Interface Principles	3.0.1	--	--	--	2,5
08.54	BSC-TRX Layer 1 : Structure of Physical Circuits	3.0.0	--	--	--	2,5
08.56	BSC-BTS Layer 2 Specification	3.1.0	--	--	--	2,5
08.58	BSC-BTS Layer 3 Specification	3.4.2	3.5.0	--	--	2,5
08.58-DCS	BSC-BTS Layer 3 Specification				3.0.0	6
08.59	BSC-BTS O&M Signalling Transport	3.0.0	--	3.1.0	--	2,5
08.60	Inband Control of Remote Transcoders and Rate Adaptors	3.2.0	--	3.3.0	--	2,5
09.01	General Network Interworking Scenarios	3.0.1	--	--	--	2,5
09.02	Mobile Application Part Specification	3.5.1	3.6.0	3.7.0	3.8.0	2,5
09.02-DCS	Mobile Application Part Specification				3.0.0	6
09.03	Requirements on Interworking between the ISDN or PSTN and the PLMN	3.0.1	--	--	--	2,5
09.04	Interworking between the PLMN and the CSPDN	3.0.1	--	--	--	2,5
09.05	Interworking between the PLMN and the PSPDN for PAD Access	3.2.2	--	--	--	2,5
09.06	Interworking between a PLMN and a PSPDN/ISDN for Support of Packet Switched Data Transmission Services	3.0.0.	--	--	--	
09.07	General Requirements on Interworking between the PLMN and the ISDN or PSTN	3.5.0	3.6.0	--	--	2,5
09.09 REP	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	3.0.0	--	--	--	2,5
09.10	Information Element Mapping between MS-BSS/BSS-MSC Signalling Procedures and MAP	3.0.2	--	--	--	2,5
09.10-DCS	Information Element Mapping between MS-BSS/BSS-MSC Signalling Procedures and MAP				3.0.0	6
09.11	Signalling Interworking for Supplementary Services	3.0.0	--	3.0.1	--	2,3,4,5

 RELEASE LIST 1/1990 AFTER GSM 29
 (including DCS 1800 Standard)

GSM No.	GSM Title	Release Version 1/1990	Rel.1/90 Updates June 90	Rel.1/90 Updates Oct. 90	Rel.1/90 Upd. Jan.91 incl. DCS	Included in Set(s)
11.01	Principles of Type Approval Procedures for GSM MSs	3.0.0	--	--	--	
11.10	Mobile Station Conformity Specifications	3.1.0	3.1.0	3.2.0	3.3.0	2,3
11.11	Specification of the SIM-ME Interface	3.3.0	3.4.0	3.5.0	3.6.0	2,3
11.11-DCS	Specification of the SIM/ME Interface				3.0.0	6
11.20	The GSM Base Station System : Equipment Specification	3.1.0	3.2.0	3.3.0	--	2,5
11.30 REP	Mobile Services Switching Centre	3.2.1	--	--	--	2
11.31 REP	Home Location Register Specification	3.2.1	--	--	--	2
11.32 REP	Visitor Location Register Specification	3.2.1	--	--	--	2
11.40	System Simulator Specification (MS conformance test system)	3.0.0	--	3.1.0	3.2.0	2,3
12.00	Objectives and Structure of Network Management	3.0.4	--	--	--	2
12.01	Common Aspects of GSM Network Management	3.0.1	--	--	--	2,5
12.02	Subscriber, Mobile Equipment and Services Data Administration	3.1.0	--	--	--	2,5
12.03	Security Management	3.0.1	--	--	--	2,5
12.04	Performance Data Measurements	3.1.0	3.2.0	3.2.1		2
12.05	Subscriber Related Event and Call Data	3.1.0	3.2.0	--	--	2
12.06	GSM Network Change Control	3.0.1	3.0.2	--	--	2
12.07	Operations and Performance Management	3.0.2	--	--	--	2,5
12.10	Maintenance Provisions for Operational Integrity of MSs	3.0.1	--	--	--	2,3
12.11	Maintenance of the Base Station System	3.1.1	--	--	--	2,5
12.13	Maintenance of the Mobile-services Switching Centre	3.0.2	--	--	--	2,5
12.14	Maintenance of Location Registers	3.0.2	--	--	--	2,5
12.20	Network Management Procedures and Messages	3.1.0	3.2.0	3.3.0	--	2,5
12.21	Network Management Procedures and Messages on the A-bis Interface	3.0.0	3.1.0	--	--	2,5