2G and 3G Specifications
Under the Control of TSG_N and SMG3

Number	Title	WG	editor	MCC responsible
03.03	Numbering, Addressing and Identification	CN/SMG03 SMG04	P.Gaasvik	Franco Settimo
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	SPAN SMG03 SMG04	required	Franco Settimo
03.07	Restoration Procedures	CN/SMG03	I.Park	Franco Settimo
03.08	Organization of Subscriber Data	CN/SMG03	R. Bauer	Franco Settimo
03.09	Handover Procedures	CN/SMG03	R. Farhoumand	Ban Al Bakri
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	CN/SMG03	Achim Braun	David Boswarthick
03.11	Technical Realization of Supplementary Services - General Aspects	CN/SMG03	S.Habermann	Monica Hellman
03.12	Location Registration Procedures	CN/SMG03	P.Gaasvik	Franco Settimo
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	CN/SMG03	required	Ban Al Bakri
03.15	Technical Realization of Operator Determined Barring	CN/SMG03	I. Park	Franco Settimo
03.16	Subscriber Data Management	CN/SMG03	H. Dettner	Franco Settimo
03.18	Basic Call Handling	CN/SMG03	I.Park	Franco Settimo
03.34	High Speed Circuit Switched Data (HSCSD) - Stage 2	CN/SMG03	required	Ban Al Bakri
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	CN/SMG03	required	David Boswarthick
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	CN/SMG03	required	David Boswarthick
03.66	Support of GSM Mobile Number Portability (MNP) stage 2	CN/SMG03	required	Franco Settimo
03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) - Stage 2	CN/SMG03		Monica Hellman
03.70	Routeing of Calls to/from Public Data Networks (PDN)	CN/SMG03	required	David Boswarthick
03.72	Call Deflection stage 2	CN/SMG03	required	Monica Hellman
03.78	CAMEL Phase 2 (stage 2)	CN/SMG03	N. Crespi	Monica Hellman
03.79	Support of Optimal Routing phase 1 (stage 2)	CN/SMG03	I.Park	Monica Hellman
03.81	Line Identification Supplementary Services - Stage 2	CN/SMG03	required	Monica Hellman
03.82	Call Forwarding (CF) Supplementary Services - Stage 2	CN/SMG03	A.Poths	Monica Hellman
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services - Stage 2	CN/SMG03	I.Sharp	Monica Hellman
03.84	Multi Party (MPTY) Supplementary Services - Stage 2	CN/SMG03	S.Habermann	Monica Hellman
03.85	Closed user Group (CUG) Supplementary Services - Stage 2	CN/SMG03	required	Monica Hellman
03.86	Advice of Charge (AoC) Supplementary Services - Stage 2	CN/SMG03	required	Monica Hellman
03.87	User-to-user signalling (UUS) stage 2	CN/SMG03	required	Monica Hellman
03.88	Technical Realization of Call Restriction Supplementary Services	CN/SMG03	E. Hamel	Monica Hellman
03.90	Unstructured Supplementary Service Data (USSD)	CN/SMG03	S.Chotai	Monica Hellman
03.91	Explicit Call Transfer (ECT) Supplementary Service - Stage 2	CN/SMG03	S.Dzuban	Monica Hellman
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	CN/SMG03	P. Hämäläinen	Monica Hellman
03.96	Name Identification Supplementary Services; Stage 2	CN/T1P1	S. Doshi	Monica Hellman
03.97	Multiple subscriber Profile (MSP) stage 2	CN/SMG03	required	Monica Hellman
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	CN/SMG03	I.Sharp	Monica Hellman
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	CN/SMG03	N. Klehn	David Boswarthick
04.30	Location Services LCS Stage 3 SS (MO-LR)	CN/SMG03 SMG03	Sonia Doshi	David Boswarthick
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	CN/SMG03	D.Munning	Monica Hellman
04.71	Location services (LCS) stage 3	CN/SMG02	Sonia Doshi	David Williams
04.72	Call Deflection (CD) Supplementary Service; Stage 3	CN/SMG03	S.Habermann	Monica Hellman
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	CN/SMG03	required	Monica Hellman
04.81	Line Identification Supplementary Services - Stage 3	CN/SMG03	required	Monica Hellman

2G and 3G Specifications
Under the Control of TSG_N and SMG3

04.82	Call Forwarding (CF) Supplementary Services - Stage 3	CN/SMG03	A.Poths	Monica Hellman
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services - Stage 3	CN/SMG03	I.Sharp	Monica Hellman
04.84	Multi Party (MPTY) Supplementary Services - Stage 3	CN/SMG03	S.Habermann	Monica Hellman
04.85	Closed User Group (CUG) Supplementary Services - Stage 3	CN/SMG03	required	Monica Hellman
04.86	Advice of Charge (AoC) Supplementary Services - Stage 3	CN/SMG03	required	Monica Hellman
04.87	User-to-User Signalling (UUS) Supplementary Service Stage 3	CN/SMG03	required	Monica Hellman
04.88	Call Barring (CB) Supplementary Services - Stage 3	CN/SMG03	E. Hamel	Monica Hellman
04.90	Unstructured Supplementary Service Data (USSD)	CN/SMG03	H-P Lippelt	Monica Hellman
04.91	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	CN/SMG03	S. Dzuban	Monica Hellman
04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	CN/SMG03	P. Hämäläinen	Monica Hellman
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	CN/SMG03	E.A.Colban	David Boswarthick
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	CN/SMG03	E.A.Colban	David Boswarthick
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	CN/SMG03	E.A.Colban	David Boswarthick
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	CN/SMG03	G.Heaton	David Boswarthick
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	CN/SMG03	required	David Boswarthick
09.02	Mobile Application Part (MAP) Specification	CN/SMG03	I. Park	Franco Settimo
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	SMG03 SMG04 SPAN1	required	David Boswarthick
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	CN/SMG03	A.Braun	David Boswarthick
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	CN/SMG03	N.Klehn	David Boswarthick
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	CN/SMG03	required	Franco Settimo
09.11	Signalling Interworking for Supplementary Services	CN/SMG03	E. Hamel	Monica Hellman
09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling	SPAN1 SMG03	-	Monica Hellman
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	CN/SMG03	S.Chotai	Monica Hellman
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM)Signalling	SPAN1 SMG03	-	Monica Hellman
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	CN/SMG03	required	Ban Al Bakri
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	CN/SMG03	required	Ban Al Bakri
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface	CN/SMG03	required	Franco Settimo

2G and 3G Specifications
Under the Control of TSG_N and SMG3

09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	CN/SMG03	G. Heaton	David Boswarthick
09.78	CAMEL Application Part phase 2 (stage 3)	CN/SMG03	required	Monica Hellman
21.978	Feasibility Technical Report – CAMEL Control of VoIP Services	N2A	David Smith	Monica Hellman
23.003	Numbering, Addressing and Identification	N2B		Franco Settimo
23.007	Restoration procedures	N2B		Franco Settimo
23.008	Organisation of subscriber data	N2B		Franco Settimo
23.009	Handover procedures	N1		Ban Al Bakri
23.011	Technical Realization of Supplementary Services - General Aspects	NSS		Monica Hellman
23.012	Location management procedures	N2B		Franco Settimo
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1		Ban Al Bakri
23.015	Technical realisation of Operator Determined Barring (ODB)	N2B	Ian Park	Franco Settimo
23.016	Subscriber data management - Stage 2	N2B		Franco Settimo
23.018	Basic Call Handling - Technical realisation	N2B	Ian Park	Franco Settimo
23.022	Functions related to Mobile Station (MS) in idle mode	N1		
23.034	High Speed Circuit Switched Data (HSCSD) - Stage 2	N1	Ian Harris	Ban Al Bakri
23.045	Technical Realization of Facsimile Group 3 Service - transparent	CN	required	David Boswarthick
23.054	Shared Interworking Functions - Stage 2	N3	Tommy Rostö	David Boswarthick
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N2B		Franco Settimo
23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) - Stage 2	NSS		Monica Hellman
23.070	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)	N3	L Kosydar	David Boswarthick
23.072	Call Deflection Supplementary Service - Stage 2	NSS		Monica Hellman
23.073	Support of Localised Service Area (SoLSA) - Stage 2	NSS		Monica Hellman
23.078	CAMEL Stage 2	N2A	Christian Hohmann/ Sumio Miyagawa	Monica Hellman
23.079	Support of Optical Routeing - Phase 1 - Stage 2	N2B	Ian Park	Franco Settimo
23.081	Line Identification Supplementary Services - Stage 2	NSS		Monica Hellman
23.082	Call Forwarding (CF) Supplementary Services - Stage 2	NSS		Monica Hellman
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 2	NSS		Monica Hellman
23.084	MultiParty (MPTY) Supplementary Service - Stage 2	NSS		Monica Hellman
23.085	Closed User Group (CUG) Supplementary Service - Stage 2	NSS		Monica Hellman
23.086	Advice of Charge (AoC) Supplementary Service - Stage 2	NSS		Monica Hellman
23.087	User-to-User Signalling (UUS) - Stage 2	NSS		Monica Hellman
23.088	Call Barring (CB) Supplementary Service - Stage 2	NSS		Monica Hellman
23.090	Unstructured Supplementary Service Data (USSD) - Stage 2	NSS		Monica Hellman
23.091	Explicit Call Transfer (ECT) Supplementary Service - Stage 2	NSS		Monica Hellman
23.093	Call Completion to Busy Subscriber (CCBS) - Stage 2	NSS		Monica Hellman
23.094	Follow Me Stage 2	CN		Monica Hellman
23.096	Name Identification Supplementary Service - Stage 2	NSS		Monica Hellman
23.097	Multiple Subscriber Profile (MSP); Stage 2	NSS		Monica Hellman
23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)	N1		Ban Al Bakri
23.116	Super Charger - Stage 2	N2B	Nicholas Alen	Franco Settimo
23.119	Gateway Location Register (GLR) - Stage2	N2B	Masahiro Sawada	Franco Settimo
23.122	Non Access Stratum functions related to Mobile Station (MS) in idle mode	N1		Ban Al Bakri
23.146	Technical realisation of facsimile Group 3 service- non-transparent	N3	Junichuro Hagiwara	David Boswarthick
23.153	Out of Band Transcoder Control - Stage 2	N2B		Franco Settimo

2G and 3G Specifications
Under the Control of TSG_N and SMG3

23.814	Separating RR and MM specific parts of the MS Classmark	N1	F Yokota	Ban Al Bakri
23.908	Technical report on Pre-Paging	N2B		Franco Settimo
23.909	Technical report on the Gateway Location Register	N2B		Franco Settimo
23.910	Circuit Switched Data Bearer Services	N3	Achim Braun / Erik Colban	David Boswarthick
23.911	Technical report on Out-of-band transcoder control	N2		Franco Settimo
23.912	Technical report on Super-Charger	N2	Ian Sharp	Franco Settimo
23.913	UMTS Turbo-Charger	N1	Sonia Doshi	Ban Al Bakri
23.972	Multimedia Telephony	N1	Timo Kauhanen	Ban Al Bakri
24.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1		Ban Al Bakri
24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols-Stage 3	N1		Ban Al Bakri
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	NSS		Monica Hellman
24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1/T2		Ban Al Bakri
24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	N2B/T2		Franco Settimo
24.022	Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface	N3	Norbert Klehn	David Boswarthick
24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN) ;Subnetwork Dependent Convergence Protocol (SNDCP)	N1		David Boswarthick
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3	NSS		Monica Hellman
24.072	Call Deflection Supplementary Service - Stage 3	NSS		Monica Hellman
24.080	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	NSS		Monica Hellman
24.081	Line Identification Supplementary Service - Stage 3	NSS		Monica Hellman
24.082	Call Forwarding Supplementary Service - Stage 3	NSS		Monica Hellman
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service - Stage 3	NSS		Monica Hellman
24.084	MultiParty (MPTY) Supplementary Service - Stage 3	NSS		Monica Hellman
24.085	Closed User Group (CUG) Supplementary Service - Stage 3	NSS		Monica Hellman
24.086	Advice of Charge (AoC) Supplementary Service - Stage 3	NSS		Monica Hellman
24.087	User-to-User Signalling (UUS) - Stage 3	NSS		Monica Hellman
24.088	Call Barring (CB) Supplementary Service - Stage 3	NSS		Monica Hellman
24.090	Unstructured Supplementary Service Data (USSD) - Stage 3	NSS		Monica Hellman
24.091	Explicit Call Transfer (ECT) Supplementary Service - Stage 3	NSS		Monica Hellman
24.093	Call Completion to Busy Subscriber (CCBS) - Stage 3	NSS		Monica Hellman
24.094	Follow Me - Stage 3	NSS		Monica Hellman
24.096	Name Identification Supplementary Service - Stage 3	NSS		Monica Hellman
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Eric Colban	David Boswarthick
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Eric Colban	David Boswarthick
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Eric Colban	David Boswarthick
27.060	GPRS Mobile Stations supporting GPRS	N3	Graham Heaton	David Boswarthick
28.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	CN	required	David Boswarthick
29.002	Mobile Application Part (MAP)	N2B		Franco Settimo
29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services	N3	Achim Braun	David Boswarthick

29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	N3	Norbert Klehn	David Boswarthick
29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N2B		Franco Settimo
29.011	Signalling Interworking for Supplementary Services	NSS		Monica Hellman
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	NSS		Monica Hellman
29.016	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1		Ban Al Bakri
29.018	Serving GPRS Support Mode SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	N1		Ban Al Bakri
29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	N2B	Tom Eric Ask	Franco Settimo
29.061	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	N3	Graham Heaton	David Boswarthick
29.078	CAMEL; Stage 3	N2A	Jan Ellsberger	Monica Hellman
29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N2B		Franco Settimo
29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR)- stage 3	N2B		Franco Settimo
29.198	Open Services Architecture API part 1	CN	Yun Chao Hu	Franco Settimo
29.998	Open Services Architecture API part 2	CN	Yun Chao Hu	Franco Settimo