

ANNEX 2

DEFAULT ALPHABET AND CODING SCHEME

The default 7-bits coded alphabet for SMS-PP is the following:

				b7	0	0	0	0	1	1	1	1
				b6	0	0	1	1	0	0	1	1
				b5	0	1	0	1	0	1	0	1
b4	b3	b2	b1		0	1	2	3	4	5	6	7
0	0	0	0	0	@	Δ	SP	0	i	P	¿	p
0	0	0	1	1	£	)	!	1	A	Q	a	q
0	0	1	0	2	\$	φ	"	2	B	R	b	r
0	0	1	1	3	¥	τ	#	3	C	S	c	s
0	1	0	0	4	è	λ	⊗	4	D	T	d	t
0	1	0	1	5	é	Ω	%	5	E	U	e	u
0	1	1	0	6	ù	π	&	6	F	V	f	v
0	1	1	1	7	ì	Υ	'	7	G	W	g	w
1	0	0	0	8	ò	Σ	(	8	H	X	h	x
1	0	0	1	9	ç	θ	)	9	I	Y	i	y
1	0	1	0	10	LF	≡	*	:	J	Z	j	z
1	0	1	1	11	∅	)	+	;	K	Ä	k	ä
1	1	0	0	12	φ	Æ	,	<	L	Ö	l	ö
1	1	0	1	13	CR	æ	-	=	M	Ñ	m	ñ
1	1	1	0	14	Á	β	.	>	N	Ü	n	ü
1	1	1	1	15	á	É	/	?	O	š	o	à

Note: The characters marked "1)" are not used but are displayed as a space.

Concerning throughput and overloading, a SMRSE responder is capable of processing R-OK-load SMRSE operations per minute and properly rejects (via error) up to R-error-load operations per minute if the actual processing throughput is exceeded. (Failing SMR-ALERTs do not cause any response, though.) The maximum number of outstanding SMR-MO-DATA operations on an application association must not exceed R/MO-OK-outstanding, if all operations are to be properly processed. The corresponding limitation for SMR-MT-DATAs is R/MT-OK-outstanding.

THIS PAGE DOES NOT CONTAIN ANY TEXT

ETSI/GSM

Released by: ETSI PT12

Date: October 1990

Recommendation : GSM 03.40

Title: TECHNICAL REALIZATION OF THE SHORT MESSAGE SERVICE
- POINT-TO-POINT

List of contents:

0. Scope
1. Introduction
2. Definitions and abbreviations
3. Services and service elements
4. Network Architecture
5. Service Centre and PLMN interconnection
6. Service Centre functionality
7. MS functionality
8. MSC functionality
9. Protocols and protocol structure
10. Procedures within the point-to-point services

Annex 1: A protocol stack for interconnecting SCs and MSCs
Annex 2: Default alphabet, and coding scheme
Annex 3: Short message information flow

Original language: English

Number of pages: 100

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

ETSI/TC GSM
Release : 1/90
Released by : ETSI/PT 12
Date : October 1990

DOCUMENT CHANGE CONTROL RECORD

Recommendation GSM 03.40

Technical Realization of Short Message Service -
Point-to-Point

Released version 1/90: 3.4.0
Corrected Release version 1/90: 3.4.1

Subject	Decided at	Pages Marked	Doc GSM	Pages affected
Corrected pages	GSM28	Oct. 90	334/90	1, 94

* The reverse pages 2 and 93 are also provided to facilitate the substitution.

END OF DOCUMENT CHANGE CONTROL RECORD

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

ETSI/TC GSM
 Release : 1/90
 Released by : ETSI/PT 12
 Correction date : October 1990

CORRECTION NOTE

Recommendation GSM 03.40

Technical Realization of Short Message Service -
 Point-to-Point

Released version 1/90: 3.4.0
 Corrected Release version 1/90: 3.4.1

1. Reason for Correction

In version 3.4.0 of recommendation GSM 03.40 (Release 1/90), the description of the "default alphabet" was incorrect due to a mistake in the printing of the recommendation.

2. Details of Change (Corrections)

A new corrected page and a new frontpage, marked October 1990, together with the reverse pages are provided. In addition, the attached 'Document Change Control Record' (a list with the "history" of the recommendation) will be updated by PT12 when necessary and should be appended to the recommendation.

3. Instructions to correct GSM Recommendation

to remove		to insert	
old pages	no.of sheets	new pages	no.of sheets
		Document Change Control Record	1 1)
1 and 2	1	1 and 2	1
93 and 94	1	93 and 94	1

1) To be inserted after Release Note

Version 3.4.0 together with these corrections constitutes version 3.4.1.

ANNEX 2

DEFAULT ALPHABET AND CODING SCHEME

The default 7-bits coded alphabet for SMS-PP is the following:

				b7	0	0	0	0	1	1	1	1
				b6	0	0	1	1	0	0	1	1
				b5	0	1	0	1	0	1	0	1
b4	b3	b2	b1		0	1	2	3	4	5	6	7
0	0	0	0	0	@	Δ	SP	0	i	P	ı	p
0	0	0	1	1	£	1)	!	1	A	Q	a	q
0	0	1	0	2	\$	φ	"	2	B	R	b	r
0	0	1	1	3	¥	τ	#	3	C	S	c	s
0	1	0	0	4	è	λ	ϝ	4	D	T	d	t
0	1	0	1	5	é	Ω	%	5	E	U	e	u
0	1	1	0	6	ù	π	&	6	F	V	f	v
0	1	1	1	7	ì	Υ	'	7	G	W	g	w
1	0	0	0	8	ò	Σ	(	8	H	X	h	x
1	0	0	1	9	Ç	ø	)	9	I	Y	i	y
1	0	1	0	10	LF	≡	*	:	J	Z	j	z
1	0	1	1	11	Ø	1)	+	;	K	Ä	k	ä
1	1	0	0	12	φ	Æ	,	<	L	Ö	l	ö
1	1	0	1	13	CR	æ	-	=	M	Ñ	m	ñ
1	1	1	0	14	À	β	.	>	N	Ü	n	ü
1	1	1	1	15	á	É	/	?	O	Ş	o	à

Note: The characters marked "1)" are not used but are displayed as a space.

Concerning throughput and overloading, a SMRSE responder is capable of processing R-OK-load SMRSE operations per minute and properly rejects (via error) up to R-error-load operations per minute if the actual processing throughput is exceeded. (Failing SMR-ALERTs do not cause any response, though.) The maximum number of outstanding SMR-MO-DATA operations on an application association must not exceed R/MO-OK-outstanding, if all operations are to be properly processed. The corresponding limitation for SMR-MT-DATAs is R/MT-OK-outstanding.

THIS PAGE DOES NOT CONTAIN ANY TEXT

ETSI/GSM

Released by: ETSI PT12

Date: October 1990

Recommendation : GSM 03.40

Title: TECHNICAL REALIZATION OF THE SHORT MESSAGE SERVICE
- POINT-TO-POINT

List of contents:

0. Scope
1. Introduction
2. Definitions and abbreviations
3. Services and service elements
4. Network Architecture
5. Service Centre and PLMN interconnection
6. Service Centre functionality
7. MS functionality
8. MSC functionality
9. Protocols and protocol structure
10. Procedures within the point-to-point services

Annex 1: A protocol stack for interconnecting SCs and MSCs

Annex 2: Default alphabet, and coding scheme

Annex 3: Short message information flow

Original language: English

Number of pages: 100

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

ETSI/TC GSM
Release : 1/90
Released by : ETSI/PT 12
Date : October 1990

DOCUMENT CHANGE CONTROL RECORD

Recommendation GSM 03.40

Technical Realization of Short Message Service -
Point-to-Point

Released version 1/90: 3.4.0
Corrected Release version 1/90: 3.4.1

Subject	Decided at	Pages Marked	Doc GSM	Pages affected
Corrected pages	GSM28	Oct. 90	334/90	1, 94

* The reverse pages 2 and 93 are also provided to facilitate the substitution.

END OF DOCUMENT CHANGE CONTROL RECORD

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

ETSI/TC GSM
 Release : 1/90
 Released by : ETSI/PT 12
 Correction date : October 1990

CORRECTION NOTE

Recommendation GSM 03.40

Technical Realization of Short Message Service -
 Point-to-Point

Released version 1/90: 3.4.0
 Corrected Release version 1/90: 3.4.1

1. Reason for Correction

In version 3.4.0 of recommendation GSM 03.40 (Release 1/90), the description of the "default alphabet" was incorrect due to a mistake in the printing of the recommendation.

2. Details of Change (Corrections)

A new corrected page and a new frontpage, marked October 1990, together with the reverse pages are provided. In addition, the attached 'Document Change Control Record' (a list with the "history" of the recommendation) will be updated by PT12 when necessary and should be appended to the recommendation.

3. Instructions to correct GSM Recommendation

to remove		to insert	
old pages	no.of sheets	new pages	no.of sheets
		Document Change Control Record	1 1)
1 and 2	1	1 and 2	1
93 and 94	1	93 and 94	1

1) To be inserted after Release Note

Version 3.4.0 together with these corrections constitutes version 3.4.1.