Technical Specification Group Services and System Aspects Meeting #7, Madrid, Spain, 15-17 March 2000

TSGS#7(00)0056

Source:	TSG SA1
Title:	CRs to 22.030
Document for:	Approval
Agenda Item:	5.1.3

Doc-1st-	Status-	Spec	CR	Rev	Pha	Subject	Cat	Version	Versio
SP-000056		22.030	007		R99	Introduction of Service Code 214 for	В	3.2.0	3.3.0
SP-000056		22.030	008		R99	MMI(Man-Machine interface) of Multicall	В	3.2.0	3.3.0

TSG-SA Working Group 1 (Services) meeting #7 Sophia Antipolis, 9th – 11th February 2000

TSG S1 (00)135

Agenda Item: 5.19

	CHANGE REQUEST No : 007 Please see embedded help file at the bottom of this
	page for instructions on how to fill in this form correctly.
Technical	Specification / Report UMTS 22.030 Version: 3.2.0
Submitt list TSG plenary m	neeting no. here ↑ for information with presentation ("strategic") X
	PT SMG CR cover form is available from: http://docbox.etsi.org/tech-org/smg/Document/smg/tools/CR_form/crf28_1.zip
Proposed cha	ange affects: USIM TE Network X be marked with an X)
Work item:	Follow Me
Source:	TSG SA1 Date: 11/2/2000
Subject:	Introduction of Service Code 214 for "Follow Me"
Category: (one category And one release Only shall be Marked with an X)	FCorrectionRelease:Phase 2ACorresponds to a correction in an earlier releaseRelease 96BAddition of featureXCFunctional modification of featureRelease 97DEditorial modificationUMTS 99X
<u>Reason for</u> change:	"Follow Me" (FM stage 1 – 22.094, FM stage 2 – 23.094) has been specified for UMTS Release '99. This CR introduces the service code for the FM feature.
Clauses affec	Changed: 0.1, ANNEX B (normative) New chapter: 3.5.6.3
Other specs Affected:	Other releases of same spec \rightarrow List of CRs:Other core specifications \rightarrow List of CRs:MS test specifications / TBRs \rightarrow List of CRs:BSS test specifications \rightarrow List of CRs:O&M specifications \rightarrow List of CRs:
Other comments:	

<----- double-click here for help and instructions on how to create a CR.

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0.1 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- For this Release 1999 document, references to GSM documents are for Release 1999 versions (version 8.x.y).
- [1] GSM 01.04: "Digital cellular telecommunication system (Phase 2+); Abbreviations and acronyms". [2] TS 22.004: " General on supplementary services". [3] TS 22.011: " Service accessibility". TS 22.016: " International Mobile station Equipment Identities (IMEI)". [4] [5] TS 22.083: " Call Waiting (CW) and Call Hold (HOLD) supplementary services - Stage 1". [6] TS 22.084: " MultiParty (MPTY) supplementary services - Stage 1". TS 22.090: "Stage 1 description of Unstructured Supplementary Service Data (USSD)". [7] [8] TS 23.038: Alphabets and language". [9] TS 24.008: "Mobile radio interface layer 3 specification; Core Network Protocols - Stage 3". [10] TS 24.080: " Mobile radio interface layer 3 supplementary services specification Formats and coding". [11] TS 29.002: " Mobile Application Part (MAP) ". [12] GSM 02.81: "Line Identification Supplementary Services - Stage 1" ITU-T Recommendation E.164: "Numbering plan for the ISDN era" [13] ITU-T Recommendation E.121: "Pictograms and symbols to assist users of the telephone [14] service" [15] TS 22.072: "Call Deflection; Stage 1" [16] TS 22.091: "Explicit Call Transfer Supplementary Service; Stage 1" TS 22.093: "Call Completion to Busy Subscriber (CCBS); Stage 1" [17] TR 21.905: "Vocabulary for 3GPP Specifications" [18] [19] TS 22.101; "Service principles" [20] TS 22.001: "Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)" [21] TS 22.094 "Follow Me Service description - Stage 1"

3.5.6.3 Follow Me (FM)

The Follow Me Feature is defined in TS 22.094 [21]. FM control procedures make use of USSD.

Annex B (normative): Codes for defined Supplementary Services

	Supplementary	Service						
	Service	Code	SIA	SIB	SIC			
22.067								
	eMLPP	75 and 75n	and 75n		n=0-4			
22.072								
	CD	66						
22.081								
	CLIP	30	-	-	-			
	CLIR	31	-	-	-			
	COLP	76	-	-	-			
	COLR	77	-	-	-			
	y mode, to suppress CLIR for a s " * 31 # <called number=""> SEN</called>	D "						
In temporar	y mode, to invoke CLIR for a sin " # 31 # <called number=""> SEN</called>							
22.082								
	CFU	21	DN	BS	-			
	CF Busy	67	DN	BS	-			
	CF No Reply	61	DN	BS	Т			
	CF Not Reachable	62	DN	BS	-			
all CF		002	DN	BS	Т			
all condition	ual CF	002	DN	BS	T			
22.083		004	DI	00	1			
22.005	WAIT	43	BS	_	_			
	******	see section 4.5.5	10					
	HOLD	see section 4.5.5						
22.084		500 50010H 7.3.3						
22.00 T	MPTY	see section 4.5.5						
22.087								
22 .007	UUS Service 1	361	R	-	-			
	UUS Service 2	362	R	-	-			
	UUS Service 3	363	R	-	-			
	all UUS Services	360	R	-	-			
	If UUS shall be activated when originating a call, enter: " * 36X * R # <called number=""> SEND" (X is indicating the requested UUS service)</called>							

Table B.1: Input information for handling of defined Supplementary Services

Supplementary	Service				
Service	Code	SIA	SIB	SIC	
22.088					
BAOC	33	PW	BS	-	
BAOIC	331	PW	BS	-	
BAOIC exc home	332	PW	BS	-	
BAIC	35	PW	BS	-	
BAIC roaming	351	PW	BS	-	
all Barring Serv.	330	PW	BS	-	
Outg. Barr. Serv.	333	PW	BS		
Inc. Barr. Serv.	353	PW	BS		
22.091					
ECT	96		see see	ction 4.5.5	
22.093					
CCBS	37	n	See Section 4.5.5 e n=1-5		
		where			
22.094					
FM	214		See Se	ection 3.5.6.3	
22.096					
CNAP	300	-	-	-	
22.097					
MSP	59n	PW	where	n=1-4	
DN = Directory Number;	• /				

Table B.1(concluded): Input information for handling of defined Supplementary Services

DN = Directory Number;

PW = Password (see subclause 4.5.4);

BS = Basic Service Group (if required) - see annex C;

T = No Reply Condition Timer (5-30 seconds);

R = UUS required option.

SI required Y = Yes: Ν No; = Not applicable. = -

"UUS required" option

For the "UUS required" option two values are defined:

$\mathbf{R} = 0$	UUS not required;
R = 1	UUS required.

If the "UUS required" option is requested for a call, the call will only be established if the requested NOTE: UUS capabilities are available.

If the "UUS required" option is not contained in an activation request UUS shall be activated without the UUS required option.

3GPP SA Working Group 1 Meeting #7 Sophia Antipolis, 09 Feb - 11 Feb 2000

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Document	S1000xxx

e.g. for 3GPP use the format TP-99xxx or for SMG, use the format P-99-xxx

			CHANGE	ER	EQI	JEST	 Please page fo 	see embedded help f r instructions on how		
			22.03	0	CR	008		Current Versi	on: <u>3.2.0</u>	
GSM (AA.BB) or	3G (/	AA.BBB) specifica	ation number \uparrow			1	CR number a	as allocated by MCC s	support team	
For submissio	l me	eting # here ↑		nform	proval nation	X version of th	is form is availd	Strate non-strate able from: ftp://ftp.3gpp.o	gic use of	nly)
Proposed cha (at least one should b	nge	e affects:	(U)SIM		ME	X	UTRAN		Core Network	
Source:		TSG SA1						Date:	25/2/00	
Subject:		MMI(Man-M	lachine interfa	ce) o	<mark>f Multic</mark>	call				
Work item:		Multicall								
Category: (only one category shall be marked with an X)	F A B C D	Addition of	modification of			rlier rele	ase	Release:	Phase 2 Release 96 Release 97 Release 98 Release 99 Release 00	X
<u>Reason for</u> change:			•			n-Machi	ne interfa	ace) according	to Multicall	
Clauses affect	ed:	0.1 ; A	nnexB							
Other specs affected:	C M B		cifications		-	ightarrow List o ightarrow List o ightarrow List o ightarrow List o ightarrow List o	f CRs: f CRs: f CRs: f CRs:	22.135		
<u>Other</u> comments:										

<----- double-click here for help and instructions on how to create a CR.

----- First modified section ------

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[4] TS 22.016: "International Mobile station Equipment Identities (IMEI)".

- [5] TS 22.083: " Call Waiting (CW) and Call Hold (HOLD) supplementary services Stage 1".
- [6] TS 22.084: "MultiParty (MPTY) supplementary services Stage 1".
- [7] TS 22.090: " Stage 1 description of Unstructured Supplementary Service Data (USSD)".
- [8] TS 22.135: " Multicall supplementary service Stage 1 ".
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----- Second modified section ------

Annex B (normative): Codes for defined Supplementary Services

	Supplementary	Service							
	Service	Code	SIA	SIB	SIC				
22.067									
	eMLPP	75 and 75n		where	where n=0-4				
22.072									
	CD	66							
22.081									
	CLIP	30	-	-	-				
	CLIR	31	-	-	-				
	COLP	76	-	-	-				
	COLR	77	-	-	-				
In tempor	ary mode, to suppress CLIR " * 31 # <called number=""></called>		er:						
		SLIND							
In tempor	ary mode, to invoke CLIR f	or a single call enter:							
1	" # 31 # <called number=""></called>								
22.082									
	CFU	21	DN	BS	-				
	CF Busy	67	DN	BS	-				
	CF No Reply	61	DN	BS	Т				
	CF Not Reachable	62	DN	BS	-				
all CF		002	DN	BS	Т				
all conditi	ional CE	002	DN DN	BS BS	T T				
		004	DN	D2	1				
22.083		42	DC						
	WAIT	43 see section 4.	BS	-	-				
	HOLD								
22.004	HOLD	see section 4.	5.5						
22.084	MPTY	see section 4.	5 5						
22.087	1411 1 1	see section 4.	5.5						
22.007	UUS Service 1	361	R	_	_				
	UUS Service 2	362	R	_	_				
	UUS Service 3	363	R	-	-				
	all UUS Service 3	363 360	R R	-	-				
	an UUS Services	300	ĸ	-	-				
	If UUS shall be activated when originating a call, enter:								
	" * 36X * R # <called nu<="" td=""><td></td><td></td><td></td><td></td></called>								
	(X is indicating the reque								

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BAIC	35	PW	BS	-
BAIC roaming	351	PW	BS	-
all Barring Serv.	330	PW	BS	-
Outg. Barr. Serv.	333	PW	BS	
Inc. Barr. Serv.	353	PW	BS	
22.091				
ECT	96		see sec	ction 4.5.5
22.093				
CCBS	37	n	See Se	ection 4.5.5
CODS	57	where		
		Where		
22.096				
CNAP	300	-	-	-
22.097				
MSP	59n	PW	where	n=1-4
22.135				
MC		88	Nbr_	user
		where NI		1 - Nbr SB

___DN = Directory Number;

PW = Password (see subclause 4.5.4);

BS = Basic Service Group (if required) - see annex C;

T = No Reply Condition Timer (5-30 seconds);

R = UUS required option.

SI required Y = Yes; N = No; - = Not applicable.

Nbr user = maximum number of simultaneous CS bearers as defined by the user

within the limits given by Nbr_SB.

<u>Nbr_SB</u> = maximum number of simultaneous CS bearers defined by Multicall subscription. <u>The value for N_{br}_SB shall in the range from 2 up to 7.</u> <u>Details about Nbr_user and Nbr_SB specified in TS22.135 Multicall. [8]</u>

"UUS required" option

For the "UUS required" option two values are defined:

R = 0 UUS not required;

R = 1 UUS required.

NOTE: If the "UUS required" option is requested for a call, the call will only be established if the requested UUS capabilities are available.

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option.

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