Tdoc NP-010581

3GPP TSG CN Plenary Meeting #14 Japan, Kyoto, 12th – 14th December 2001

Source: TSG CN WG2

Title: CRs on R97 Work Item CAMEL2, Pack 2

Agenda item: 7.1

Document for: APPROVAL

Introduction:

This document contains 4 CRs on R97 Work Item CAMEL2 (2 CRs for R97 and the 2 mirror CRs for R98) that have been agreed by TSG CN WG2, and are forwarded to TSG CN Plenary meeting #14 for approval.

Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
03.78	A166		N2-010748	R97	Correction to implementation of CR 03.78-A141r1	F	6.9.1
03.78	A168		N2-010797	R98	Correction to implementation of CR 03.78-A141r1	A	7.6.1
03.78	A167	1	N2-010799	R97	Guidance to the SCI operation if the subscriber or the VPLMN do not support AoC service	F	6.9.1
03.78	A169		N2-010800	R98	Guidance to the SCI operation if the subscriber or the VPLMN do not support AoC service	A	7.6.1

		Cl	HANGE	RE	QUE	ST				
ж <mark> 03</mark>	3.78	CR	A166	₩ re\	,	ж	Current vers	ion:	6.9.1	æ
Proposed change	affect	's: ₩ (U)SII	M ME	/UE	Rad	io Ac	cess Network	(<u> </u>	Core Ne	etwork
Title:	Cor	rection to imple	ementation o	of CR 0	3.78-A1	141r1				
Source: #	Eric	sson								
Work item code: ₩	CAI	MEL Phase 2					Date: ₩	6 Oc	tober 20	01
Category: #	Use <u>e</u>	(incorrect imple approved CR) one of the follow F (correction) A (corresponds B (addition of fe	ing categories to a correctio	S:) R96	(GSM I (Releas	owing rele Phase 2) se 1996) se 1997)	eases:
		C (functional mod	dification of f	eature)			R98 R99	(Releas	se 1998) se 1999) se 4)	
Reason for change	e: Ж	CR 03.78-A14 in Abiko, Japa been impleme	an and has b	een ap	proved	by S	MG#30. Tha			
		The non-incluand may cont					M TS 03.78 I	nas lea	d to con	fusion
		It is important CR (CR 03.78		S 03.78	3 prope	rly re	flect the abo	ve mer	ntioned a	agreed
		The present (CR proposes	to incl	ude the	said	approved CI	R in G	SM TS 0	3.78.
Summary of chang	ge: Ж	Correction to	figure 45k: F	rocess	gsmS	SF (s	heet 12)			
Consequences if not approved:	*	If the present termination el communication gsmSSFs.	rors betwee	n the g	smSSF	and	gsmSCF. Th	is may	lead to	_
Clauses affected:	ж	Section 8.6, " 12.	Handling of	mobile	calls in	the g	gsmSSF" (pro	ocess "	'gsmSSF	="), sheet
Other specs Affected:		Other core Test specification O&M Specification		ns	X					
Other comments:	\mathfrak{H}									

*** First Change ***

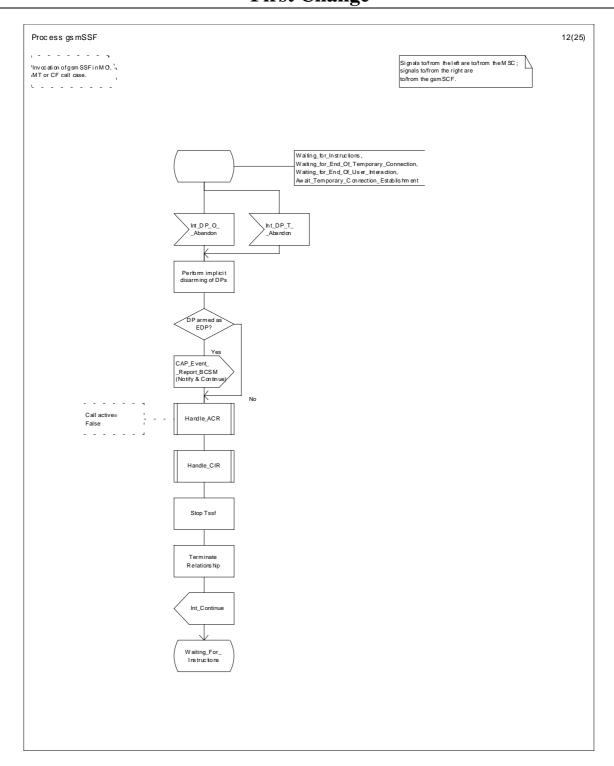


Figure 45k: Process gsmSSF (sheet 12)

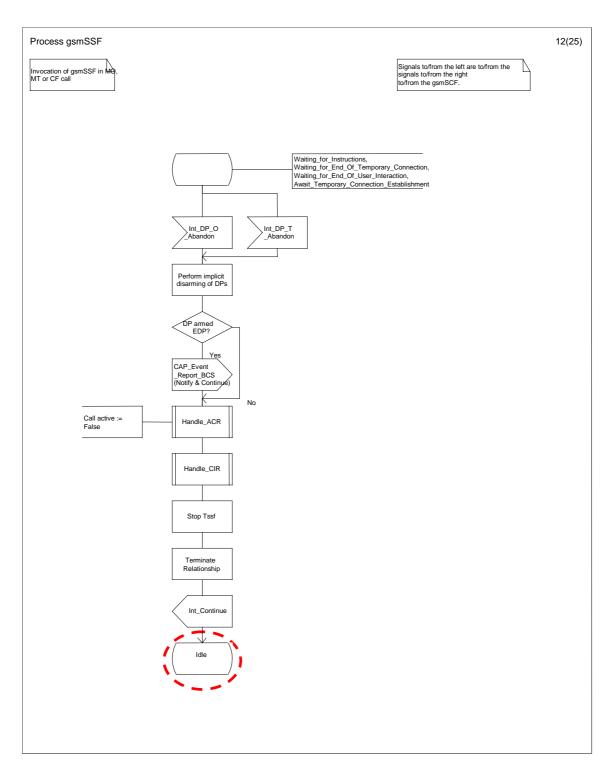


Figure 45k: Process gsmSSF (sheet 12)

*** End of Document ***

	CHANGE REQUEST										
* 03.	78	CR	A168	æ	rev		¥	Current vers	sion:	7.6.1	¥
Proposed change a	ffect	s: ೫ (U)SI	M ME	E/UE		Radi	о Ас	cess Netwo	rk	Core Ne	etwork X
Title:	Cor	rection to impl	ementation	of CF	R 03.	78-A1	41r1				
Source: #	Eric	sson									
Work item code: ₩	CAN	MEL Phase 2						Date: ₩	14 (October 2	2001
Reason for change:	Use <u>c</u> I I I	one of the follow (correction) A (corresponds B (addition of fectorial mode) C (editorial mode) CR 03.78-A1 in Abiko, Jap	to a correction atture), podification of diffication of difficatio	n in a featur ned i been	n N2	-99C:	59, w	R97 R98 R99 REL-4 REL-5 ras presente	f the fol (GSM (Relea (Relea (Relea (Relea (Relea	llowing related Phase 2) lase 1996) lase 1997) lase 1998) lase 1999) lase 4) lase 5) I GPP TSG	G-N2 #07
		The non-incluand may control of the important CR (CR 03.7). The present of	usion of this tinue to do s t that GSM ⁻ 8-A141r1).	appr so, if TS 00	oved not c	CR in orrect	n GS ted. rly re	M TS 03.78	ove me	entioned a	agreed
Summary of change	e: Ж	Correction to	figure 45k:	Proc	ess g	smS	SF (s	heet 12)			
Consequences if not approved:	ж	If the present termination e communication gsmSSFs.	rrors betwee	en th	e gsr	nSSF	and	gsmSCF. T	his ma	y lead to	
Clauses affected:	¥	Section 8.6, "12.	Handling of	mob	ile ca	alls in	the c	gsmSSF" (pı	rocess	"gsmSSI	F"), sheet
Other specs Affected:	*	Other core Test speci O&M Spec		ons	Ħ						
Other comments:	¥										

*** First Change ***

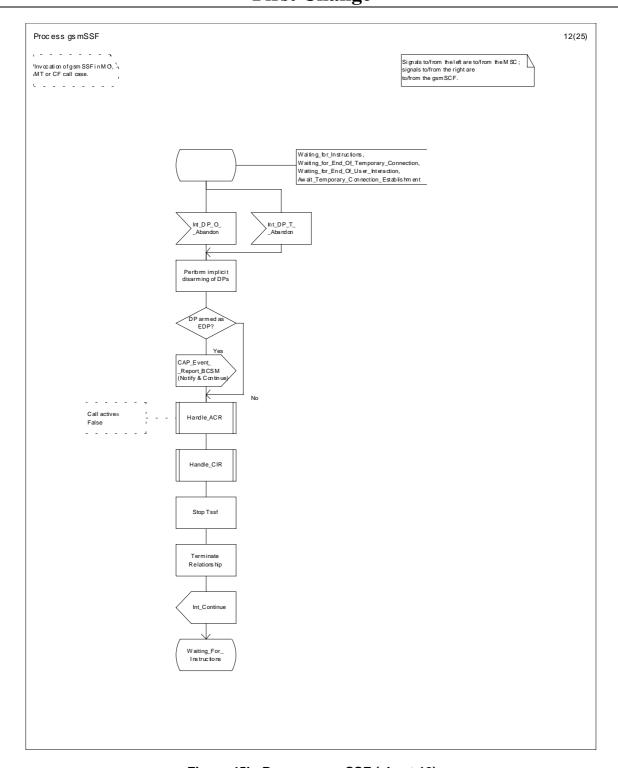


Figure 45k: Process gsmSSF (sheet 12)

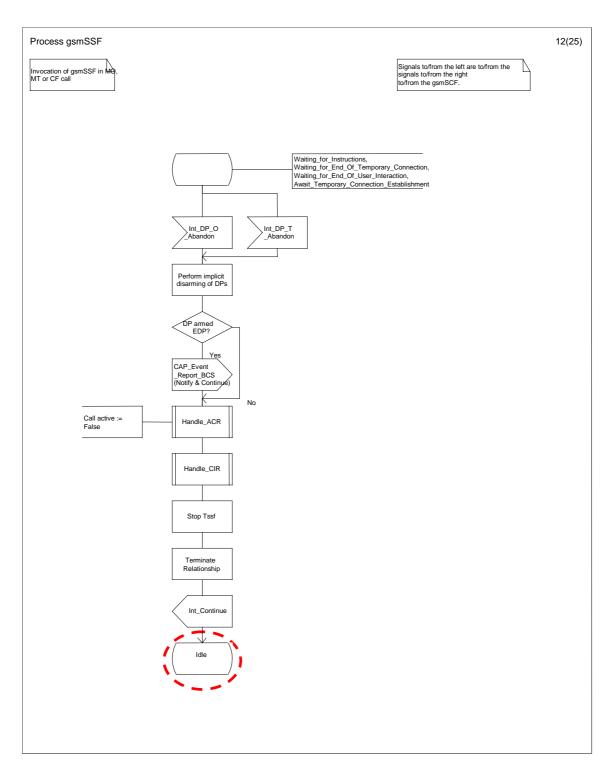


Figure 45k: Process gsmSSF (sheet 12)

*** End of Document ***

3GPP TSG-CN WG2 Meeting #20 Brighton, UK, 15th - 19th October 2001

			СНА	NGE	RE	QUE	EST	•			CR-Form-v4
ж	03	<mark>.78</mark> C	R A16	7	₩ re	1	ж	Current vers	sion:	6.9.1	*
For <u>HELP</u> on u	sing th	is form,	see botto	m of this	s page	or look	at th	e pop-up tex	t over	the ₩ syr	mbols.
Proposed change	affects	: X	(U)SIM	ME	/UE	Ra	dio Ad	ccess Networ	k	Core Ne	etwork X
Title: #	Guid servi		the SCI o	peration	if the	subscr	iber o	r the VPLMN	do no	ot support	: AoC
Source: #	Siem	ens AG	}								
Work item code: 第	CAM	EL2						Date: ₩	15 (October 2	2001
Category: ₩	Use or F A B C D Detaile	ne of the (correc (corres (additio (functio (editori	l correction following contion for the second second for the secon	ategories correctio e), ation of t ion) ne above	n in an feature)			Release: #6 Use <u>one</u> of 2 e) R96 R97 R98 R99 REL-4 REL-5	the for (GSM (Rele (Rele (Rele (Rele (Rele		
Reason for change	ye: ж <mark>I</mark> г	descrip AoC se lead va discard indicati guidand	tion for the rvice or the rious imple ed, continu on to the g ce could ca EL2 R97/R	e further e netwo ementat ue proce smSCF ause crit	proces rk does ion und essing This v tical mi	sing if s not so lerstan until e- variation sinterp	the supportion dings paranton due tretation	mation does of ubscriber is rett this service is, e.g. proces neter is sent to the abseron in the mulded to indicat	not pro The s sing is to the nce of ti-vend	ovisioned situation of silently MS, or se the clear dor enviro	end onment.
	V	arious i	nterpretati	on.							
Consequences if not approved:	ж	Risk fo	r unexpect	ed inter	operab	ility pro	blem				
Clauses affected:	H	9									
Other specs affected:	*	Test	er core spe specificati I Specifica	ons	ns	*					
Other comments:	¥										

9.2.14 Send Charging Information

9.2.14.1 Description

This IF is used to send e-parameters from the gsmSCF to the gsmSSF. If charge advice information is received from the gsmSCF, it shall replace the charge advice information which would be generated by the MSC and inhibit any further generation of CAI by the MSC. Further processing of the charge advice information by the MSC shall be in accordance with the GSM Advice of Charge Supplementary Service.

NOTE_1: If charge advice information is received from the gsmSCF after charge information has been generated by the MSC and sent to the MS, the behaviour of the service may be unpredictable or incorrect; the service designer should therefore ensure that the first set of charge advice information is sent to the gsmSSF before charge information is sent to the to the MS.

NOTE 2: There are various interpretations of how the gsmSSF should behave if the subscriber is not provisioned with the GSM Advice of Charge supplementary service or if the VPLMN does not support this service.

9.2.14.2 Information Elements

The following information elements are only used for the MO case:

Information element name	MO	Description
SCI Billing Charging	M	This IE defines the Advice Of Charge related information to be
Characteristics		provided to the Mobile Station
Leg ID	М	This IE indicates where the charging information shall be sent.

M Mandatory (The IE shall always be sent)

SCI Billing Charging Characteristics is defined as:

Information element name	MO	Description
AOC After Answer	С	This IE is sent after an Answer from event has been detected from the called party, the current connected SRF or the temporary connection.
AOC Before Answer	С	This IE is sent before an Answer event has been detected from the called party, the current connected SRF or the temporary connection.

C Conditional (only one of these IEs may be sent)

AOC Before Answer is defined as:

Information element name	MO	Description
AOC Initial	M	This IE contains CAI elements as defined in 3GPP TS 02.24 [14].
AOC Subsequent	0	See definition in the next table.

M Mandatory (The IE shall always be sent)

O Optional (Service logic dependent)

AOCSubsequent is defined as:

Information element name	МО	Description
CAI Elements	M	This IE contains CAI elements as defined in 3GPP TS 02.24 [14].
Tariff Switch Interval	0	This IE indicates the tariff switch time until the next tariff switch
		applies.

M Mandatory (The IE shall always be sent)

O Optional (Service logic dependent)

AOCAfterAnswer is defined as:

Information element name	MO	Description
CAI Elements	M	This IE contains CAI elements as defined in 3GPP TS 02.24 [14].
Tariff Switch Interval	0	This IE indicates the tariff switch time until the next tariff switch
		applies.

M Mandatory (The IE shall always be sent)

3GPP TSG-CN WG2 Meeting #20 Brighton, UK, 15th - 19th October 2001

	CHANGE REQUEST	CR-Form-v4
*	03.78 CR A169 # rev _ # Current ve	7.6.1 **
For <u>HELP</u> on u	sing this form, see bottom of this page or look at the pop-up tex	xt over the ₩ symbols.
Proposed change a	affects: 第 (U)SIM ME/UE Radio Access Netwo	rk Core Network X
Title: ₩	Guidance to the SCI operation if the subscriber or the VPLMI service.	N do not support AoC
Source: #	Siemens AG	
Work item code: ₩	CAMEL2 Date: 8	16 October 2001
Reason for change	Use one of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) Petailed explanations of the above categories can be found in 3GPP TR 21.900. The description for the Send Charging Information does description for the further processing if the subscriber is AoC service or the network does not support this service lead various implementation understandings, e.g. processing discarded, continue processing until e-parameter is sent indication to the gsmSCF. This variation due to the abserguidance could cause critical misinterpretation in the mute: In CAMEL2 R97/R98, a health warning is added to indication to the graph of the subscriber is added to indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication to the graph of the subscriber is sent indication.	of the following releases: (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) not provide the not provisioned with the e. The situation could ssing is silently to the MS, or sendence of the clear ellti-vendor environment.
Consequences if	various interpretation. Risk for unexpected interoperability problem.	
not approved:		
Clauses affected:	₩ 9	
Other specs affected:	# Other core specifications Test specifications O&M Specifications	
Other comments:	%	

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AOCSubsequent is defined as:

Information element name	МО	Description
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		applies.

M Mandatory (The IE shall always be sent)

O Optional (Service logic dependent)

AOCAfterAnswer is defined as:

Information element name	MO	Description
CAI Elements	M	This IE contains CAI elements as defined in 3GPP TS 02.24 [14].
Tariff Switch Interval	0	This IE indicates the tariff switch time until the next tariff switch
		applies.

M Mandatory (The IE shall always be sent)