

Source: SA1

Title: CRs to 22.078 on Corrections of congestion control procedure

Document for: Approval

Agenda Item: 7.1.3

Spec	CR	Re v	Phas e	Subject	Cat	Versio n- Curren t	Versio n-New
22.078	085	3	R99	Corrections of congestion control procedure	F	3.6.0	3.7.0
22.078	086	3	Rel-4	Corrections of congestion control procedure	A	4.1.0	4.2.0
22.078	089	2	Rel-5	Corrections of congestion control procedure	B	5.1.0	5.2.0

3GPP TSG-SA1 Adhoc CAMEL
 Austin, USA 30-1st of January 2001

Tdoc S1C01047

CR-Form-v3	
CHANGE REQUEST	
⌘ 22.078 CR 085 ⌘ rev 3 ⌘	Current version: 3.6.0 ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Corrections of congestion control procedure		
Source:	⌘ SA1		
Work item code:	⌘ CAMEL phase3	Date:	⌘ 06/02/01
Category:	⌘ F (non critical change agreed by consencius)	Release:	⌘ REL99
	Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Alignment of the phase3 congestion control procedure with stage2		
Summary of change:	⌘ 1. Addition of Criteria for Congestion Control 2. Congestion control is not applicable to SMSMO and GPRS		
Consequences if not approved:	⌘ Possible misunderstanding of the congestion control procedure		

Clauses affected:	⌘ §17		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

17 CSE related congestion control - \$(CAMEL3\$)

It shall be possible for the CSE to ~~ignore or reject~~ suppress either all or some CAMEL interrogations from a V/IPLMN, when the V/IPLMN is the subscriber's HPLMN. ~~If~~ there is a bilateral agreement the operators ~~can~~ may also apply congestion control between different networks.

The criterion to suppress CAMEL interrogations is one of:

~~no criterion or,~~

1. called address or,

2. service key or,

3. called address and service key or,

4. calling address and service key

~~If contact from the V/IPLMN is not confirmed by the CSE, the V/IPLMN shall proceed in accordance with the Default Call Handling, Default SMS Handling or Default GPRS Handling.~~

If congestion control ~~prevents~~ denies contact with the CSE, the V/IPLMN shall proceed in accordance with the Default Call Handling.

Congestion Control is applicable to CAMEL control of circuit switched call. It is not applicable to CAMEL control of GPRS session and PDP context, and to CAMEL control of short message.

3GPP TSG-SA1 Adhoc CAMEL
 Austin, USA 30-1st of January 2001

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CR-Form-v3	
CHANGE REQUEST	
⌘ 22.078 CR 086 ⌘ rev 3 ⌘	Current version: 4.1.0 ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Corrections of congestion control procedure		
Source:	⌘ SA1		
Work item code:	⌘ CAMEL phase3	Date:	⌘ 06/02/01
Category:	⌘ A	Release:	⌘ REL-4
	Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification)		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900.		

Reason for change:	⌘ Alignment of the phase3 congestion control procedure with stage2
Summary of change:	⌘ 1. Addition of Criteria for Congestion Control 2. Congestion control is not applicable to SMSMO and GPRS
Consequences if not approved:	⌘ Possible misunderstanding of the congestion control procedure

Clauses affected:	⌘ §17
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> <input type="checkbox"/> Test specifications ⌘ <input type="checkbox"/> <input type="checkbox"/> O&M Specifications ⌘ <input type="checkbox"/>
Other comments:	⌘ <input type="text"/>

17 CSE related congestion control \$(CAMEL3\$)

It shall be possible for the CSE to ~~drop or rejects~~suppress either all or some CAMEL interrogations from a V/IPLMN, when the V/IPLMN is the subscriber's HPLMN. With a bilateral agreement the operators ~~can~~may also apply congestion control between different networks.

The criterion to suppress CAMEL interrogations is one of:

~~no criterion or,~~

1. called address or,

2. service key or,

3. called address and service key or,

4. calling address and service key.

~~In the case where the contact from the V/IPLMN is not confirmed by the CSE, the V/IPLMN shall proceed in accordance with the Default Call Handling, Default SMS Handling or Default Session Handling.~~

In the case where the congestion control ~~prevents~~denies the contact to the CSE, the V/IPLMN shall proceed in accordance to the Default Call Handling.

Congestion Control is applicable to CAMEL control of circuit switched call. It is not applicable to CAMEL control of GPRS session and PDP context, and CAMEL control of short message.

3GPP TSG-SA1 Adhoc CAMEL
 Austin, USA 30-1st of January 2001

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CR-Form-v3			
CHANGE REQUEST			
⌘	22.078	CR	089
⌘	rev	2	⌘
		Current version:	5.1.0
⌘			

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Corrections of congestion control procedure		
Source:	⌘ SA1		
Work item code:	⌘ CAMEL phase4	Date:	⌘ 06/02/2001
Category:	⌘ B	Release:	⌘ REL05
Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)	

Reason for change:	⌘ Alignment of the phase4 congestion control procedure		
Summary of change:	⌘ 1. Addition of the criteria description Congestion Control 2. Corrections		
Consequences if not approved:	⌘ Possible misunderstanding of the congestion control procedure.		

Clauses affected:	⌘ §17		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications		⌘
Other comments:	⌘		

17 CSE related congestion control

It shall be possible for the CSE to ~~drop or reject~~ suppress either all or some CAMEL interrogations from a V/IPLMN, when the V/IPLMN is the subscriber's HPLMN. With a bilateral agreement the operators ~~can~~ may also apply congestion control between different networks.

The criterion to suppress CAMEL interrogations is one of:

~~no criterion or,~~

1. called address or,

2. service key or,

3. called address and service key or,

4. calling address and service key

~~In the case where the contact from the V/IPLMN is not confirmed by the CSE, the V/IPLMN shall proceed in accordance with the Default Call Handling, Default SMS Handling or Default Session Handling.~~

In the case where the congestion control ~~prevents~~ denies the contact to the CSE, the V/IPLMN shall proceed in accordance to the Default Call Handling.

Congestion Control is applicable to CAMEL control of circuit switched call. It is not applicable to CAMEL control of GPRS session and PDP context, and to CAMEL control of short message.