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**Source:** SA1  
**Title:** CRs to 22.078 on CAMEL interworking with CLIR and COLR (Rel-5/6)  
**Document for:** Approval  
**Agenda Item:** 7.1.3

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SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-030014	22.078	154	-	Rel-5	F	Correction to CAMEL interworking with CLIR and COLR	5.9.1	5.10.0	S1-030071
SP-030014	22.078	159		Rel-6	A	Correction to CAMEL interworking with CLIR and COLR	6.0.0	6.1.0	S1-030287

## CHANGE REQUEST

⌘ 22.078 CR 154 ⌘ rev - ⌘ Current version: 5.9.1 ⌘

**Proposed change affects:** UICC apps  ME  Radio Access Network  Core Network

<b>Title:</b>	⌘ Correction to CAMEL interworking with CLIR and COLR		
<b>Source:</b>	⌘ SA1 (Ericsson)		
<b>Work item code:</b>	⌘ CAMEL4	<b>Date:</b>	⌘ 14 January 2003
<b>Category:</b>	⌘ F	<b>Release:</b>	⌘ Rel-5
Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:	
<b>F</b> (correction)		2	(GSM Phase 2)
<b>A</b> (corresponds to a correction in an earlier release)		R96	(Release 1996)
<b>B</b> (addition of feature),		R97	(Release 1997)
<b>C</b> (functional modification of feature)		R98	(Release 1998)
<b>D</b> (editorial modification)		R99	(Release 1999)
		Rel-4	(Release 4)
		Rel-5	(Release 5)
		Rel-6	(Release 6)

**Reason for change:** ⌘ Interaction with CLIR

Clause 18.2.2 specifies that the CSE shall be able to change the presentation indicator of the calling party number for Mobile Originated (MO) and Mobile Forwarded (MF) calls. The stage 2 specification for CAMEL, however, allows this for MO calls only. Refer to TS 23.078 clauses 4.6.2.6 and 4.6.2.9 (description of Calling Party Restriction Indicator.)

The technical reason for this is that when a MF call is handled by CAMEL, then the Calling Party Number pertains to the Original Calling Subscriber, who is not the CAMEL subscriber. Hence, the CAMEL service should not be allowed to affect CLIR in this case.

The text in clause 18.2.2. in TS 22.078 therefore needs to be corrected accordingly.

This includes deleting the reference to "IPLMN" as this is relevant for MF calls only. (MO calls are placed in the VPLMN.)

Interaction with COLR

Clause 18.2.4 specifies that the CSE shall be able to change the presentation indicator of the connected party number for Mobile Terminated (MT) calls. The stage 2 specification for CAMEL, however, allows this for Mobile Originated (MO), Mobile Forwarded (MF), Mobile Terminated (MT) and Mobile Terminated calls in the VMSC (VT.) Refer to TS 23.078 clauses 4.6.2.6 and 4.6.2.9 (description of Connected Number Treatment Indicator.)

The technical reason for this is that the CAMEL Service may want to prevent that the calling subscriber gets the connected number presented on her display. As an example, you set up a call, but the CAMEL Service connects you to a voice mail box system for a security announcement. The CAMEL Service does not want the calling subscriber to get the Connected Number presented on the display, since the subscriber in that case could call the security destination directly. This kind of functionality may be applied to all call types.

The text in clause 18.2.4 in TS 22.078 therefore needs to be corrected accordingly.

This includes adding a reference to "IPLMN" as the functionality is valid also for MO and MF calls.

**Summary of change:** ⌘ The following changes shall be made to clause 18.2.2:  
 - Change the wording "an MT call" into "an MT call or an MF call";  
 - Change the wording "an MO/MF call" into "an MO call";  
 - Change the wording "VPLMN/IPLMN" into "VPLMN".

The following changes shall be made to clause 18.2.4:  
 - Remove the wording "For an MT call";  
 - Change the wording "VPLMN" into "VPLMN/IPLMN".

**Consequences if not approved:** ⌘ Ambiguity for Service Logic designers; the stage 1 does not reflect the actual capabilities of the CSE.

**Clauses affected:** ⌘ 18.2.2, 18.2.4

	Y	N		⌘
<b>Other specs affected:</b>		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

**Other comments:** ⌘

**\*\*\* First Modification \*\*\***

## 18.2 Line Identification

### 18.2.1 Calling Line Identification Presentation (CLIP)

The CSE shall be able to create or modify an additional calling line identity (additional calling party number) which is presented to the called subscriber via the CLIP supplementary service. There shall be no restriction to the format of the additional calling line identity determined by the CSE.

The CSE shall not be able to modify the calling line identity (calling party number).

### 18.2.2 Calling Line Identification Restriction (CLIR)

For an MT call or an MF call, the CSE shall not be able to change the presentation indicator given to the called subscriber via the CLIP supplementary service.

For an MO~~MF~~ call, the CSE shall be able to send to the VPLMN~~IPLMN~~ an instruction that the presentation indicator of the calling party number shall be set to "Presentation Restricted".

### 18.2.3 Connected Line Identification Presentation (COLP)

No interaction. The CSE shall not be able to change the connected line identity.

The CSE shall be able to send an indication that the identity returned to the calling subscriber's serving PLMN as the connected number shall be the called IN number.

### 18.2.4 Connected Line Identification Restriction (COLR)

~~For an MT call, †~~The CSE shall be able to send to the VPLMN~~IPLMN~~:

- An indication that the presentation indicator of the connected number shall be set to "presentation restricted", or
- An indication that the presentation indicator of the called IN number shall be set to "presentation restricted" (this is coupled with the indication that the identity returned to the calling subscriber's serving PLMN as the connected number shall be the called IN number), or
- An indication that the presentation indicator of the called IN number shall be set to "presentation allowed" (this is coupled with the indication that the identity returned to the calling subscriber's serving PLMN as the connected number shall be the called IN number).

**\*\*\* End of document \*\*\***

## CHANGE REQUEST

⌘ 22.078 CR 159 ⌘ rev - ⌘ Current version: 6.0.0 ⌘

**Proposed change affects:** UICC apps  ME  Radio Access Network  Core Network

<b>Title:</b>	⌘ Correction to CAMEL interworking with CLIR and COLR		
<b>Source:</b>	⌘ SA1 (Ericsson)		
<b>Work item code:</b>	⌘ CAMEL4	<b>Date:</b>	⌘ 03 February 2003
<b>Category:</b>	⌘ A	<b>Release:</b>	⌘ Rel-6
Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:	
<b>F</b> (correction)		2	(GSM Phase 2)
<b>A</b> (corresponds to a correction in an earlier release)		R96	(Release 1996)
<b>B</b> (addition of feature),		R97	(Release 1997)
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**Reason for change:** ⌘ Interaction with CLIR

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The technical reason for this is that when a MF call is handled by CAMEL, then the Calling Party Number pertains to the Original Calling Subscriber, who is not the CAMEL subscriber. Hence, the CAMEL service should not be allowed to affect CLIR in this case.

The text in clause 18.2.2. in TS 22.078 therefore needs to be corrected accordingly.

This includes deleting the reference to "IPLMN" as this is relevant for MF calls only. (MO calls are placed in the VPLMN.)

Interaction with COLR

Clause 18.2.4 specifies that the CSE shall be able to change the presentation indicator of the connected party number for Mobile Terminated (MT) calls. The stage 2 specification for CAMEL, however, allows this for Mobile Originated (MO), Mobile Forwarded (MF), Mobile Terminated (MT) and Mobile Terminated calls in the VMSC (VT.) Refer to TS 23.078 clauses 4.6.2.6 and 4.6.2.9 (description of Connected Number Treatment Indicator.)

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The text in clause 18.2.4 in TS 22.078 therefore needs to be corrected accordingly.

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**Consequences if not approved:** ⌘ Ambiguity for Service Logic designers; the stage 1 does not reflect the actual capabilities of the CSE.

**Clauses affected:** ⌘ 18.2.2, 18.2.4

	Y	N		⌘
<b>Other specs affected:</b>		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

**Other comments:** ⌘ This CR was produced after SA1 #19 and dealt with by email.

**\*\*\* First Modification \*\*\***

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### 18.2.1 Calling Line Identification Presentation (CLIP)

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### 18.2.3 Connected Line Identification Presentation (COLP)

No interaction. The CSE shall not be able to change the connected line identity.

The CSE shall be able to send an indication that the identity returned to the calling subscriber's serving PLMN as the connected number shall be the called IN number.

### 18.2.4 Connected Line Identification Restriction (COLR)

~~For an MT call, †~~The CSE shall be able to send to the VPLMN~~IPLMN~~:

- An indication that the presentation indicator of the connected number shall be set to "presentation restricted", or
- An indication that the presentation indicator of the called IN number shall be set to "presentation restricted" (this is coupled with the indication that the identity returned to the calling subscriber's serving PLMN as the connected number shall be the called IN number), or
- An indication that the presentation indicator of the called IN number shall be set to "presentation allowed" (this is coupled with the indication that the identity returned to the calling subscriber's serving PLMN as the connected number shall be the called IN number).

**\*\*\* End of document \*\*\***