

**Source:** TSG CN WG3  
**Title:** CRs to Rel-6 on Work Item “TEI6”  
**Agenda item:** 9.21  
**Document for:** APPROVAL

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**Introduction:**

This document contains 1 CR to Rel-6 on Work Item “TEI6” that has been agreed by TSG CN WG3, and is forwarded to TSG CN Plenary for approval.

WG_tdoc	Spec	CR	R	Cat	Title	Rel	C_Ver	Work Item
N3-040515	23.172	027		F	Interaction of CAMEL with Service Change	Rel-6	6.0.0	TEI6

## CHANGE REQUEST

⌘ **23.172 CR 027** ⌘ rev ⌘ Current version: **6.0.0** ⌘

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

<b>Title:</b>	⌘ Interaction of CAMEL with Service Change		
<b>Source:</b>	⌘ TSG_CN WG3		
<b>Work item code:</b>	⌘ TEI6	<b>Date:</b>	⌘ 20 Aug. 2004
<b>Category:</b>	⌘ <b>F</b>	<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)	<b>2</b> (GSM Phase 2)	
	<b>A</b> (corresponds to a correction in an earlier release)	<b>R96</b> (Release 1996)	
	<b>B</b> (addition of feature),	<b>R97</b> (Release 1997)	
	<b>C</b> (functional modification of feature)	<b>R98</b> (Release 1998)	
	<b>D</b> (editorial modification)	<b>R99</b> (Release 1999)	
		<b>Rel-4</b> (Release 4)	
		<b>Rel-5</b> (Release 5)	
		<b>Rel-6</b> (Release 6)	

<b>Reason for change:</b>	⌘ The interaction with CAMEL at service change is not properly described. The present CR was reviewed by CN2 at CN2#33 meeting in Zagreb, May 2004. (Ref. N2-040246). The present CR takes into account some minor comments that were given at CN2#33.
<b>Summary of change:</b>	⌘ The description of the interaction between the Service Change procedure and CAMEL is added.
<b>Consequences if not approved:</b>	⌘ TS23.173 will not be aligned with TS23.078 and TS29.078. The interaction with CAMEL description will be missing the interaction during service change, resulting possibly in faulty implementations.

<b>Clauses affected:</b>	⌘ 4.3.7										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> </table>	Y	N	X			X		X	Other core specifications	⌘ 23.078-688, 29.078-352
	Y	N									
	X										
	X										
	X										
		Test specifications									
		O&M Specifications									
<b>Other comments:</b>	⌘ The corresponding CRs for 23.078 and 29.078 were approved as part of NP-040095.										

**FIRST MODIFIED SECTION**

### 4.3.7 Interactions with CAMEL

#### 4.3.7.1 Interaction at call setup

When a SCUDIF call activates a CAMEL dialogue for the originating or the terminating subscriber, both basic services shall be indicated to the gsmSCF in the InitialDP message (see 3GPP TS 23.078 [14]) :

- the bearer capability IE and the ext-basic service code IE shall indicate the preferred service (*i.e.* 3G-324.M if the 3G-324.M codec is the first codec in the list of supported codecs ; speech otherwise),
- the bearer capability 2 IE and the ext-basic service code 2 IE shall indicate the other, less preferred service (*i.e.* resp. speech or 3G-324.M).

#### 4.3.7.2 Interaction at call answer

When the Answer DP is triggered according to the BCSM (see 3GPP TS 23.078 [14]), the event report sent to the gsmSCF shall indicate the result from the OoBTC codec negotiation procedure according to the following :

- the ext-basic service code IE is included, and represents the selected service (indicated by the selected codec) ;
- the ext-basic service code 2 IE is included if the list of available codecs contains codecs both for speech and 3G-324.M, and represents the other service (*i.e.* speech if the selected service is 3G-324.M, and vice-versa).

#### 4.3.7.3 Interaction with Call Party Handling

Interaction with Call Party Handling is allowed, when the call is a speech call and it cannot become a multimedia call.

See 3GPP TS 22.078 [16] clause 21.

#### 4.3.7.4 Interaction with CAMEL in-band information and user interaction

Interaction with Camel in-band information and user interaction is allowed, when the call is a speech call and it cannot become a multimedia call.

See 3GPP TS 22.078 [16] clause 21.

#### 4.3.7.5 Interaction during service change

When a service change is successfully completed (*i.e.* the codec modification or mid-call codec negotiation reply message indicates a successful codec modification); and the O\_Service\_Change DP or the T\_Service\_Change DP is armed, then the relevant detection point is triggered (see 3GPP TS 23.078 [14]).

When a service change is rejected (*i.e.* the codec modification or mid-call codec negotiation reply message indicates a failure), then the previously selected service is kept; and no event report shall be sent to the gsmSCF for the O\_Service\_Change DP and the T\_Service\_Change DP.

**End of Document**