

**3GPP TSG\_CN#7**  
**ETSI SMG3 Plenary Meeting #7,**  
**Madrid, Spain**  
**13<sup>th</sup> – 15<sup>th</sup> March 2000**

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**NP-000055**

**Agenda item:** 5.2.3  
**Source:** TSG\_N WG 2  
**Title:** CRs to 3G Work Item Call Forwarding Enhancements

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**Introduction:**

This document contains “2” CRs on **Work Item Call Forwarding Enhancements**, that have been agreed by **TSG\_N WG 2**, and are forwarded to **TSG\_N Plenary meeting #7** for approval.

Tdoc	Spec	CR	Rev	Cat	Rel	Old ver	New ver	Subject
N2A000275	23.078	093	2	R99	B	3.3.0	3.4.0	Addition of Long Forwarded-to Numbers
N2A000276	29.078	049	1	R99	B	3.2.0	3.3.0	Addition of Long Forwarded-to Numbers

## CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

**23.078 CR 093r2**

Current Version: **3.3.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **CN#7**  
list expected approval meeting # here ↑

for approval   
for information

strategic   
non-strategic  (for SMG use only)

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

**Proposed change affects:** (U)SIM  ME  UTRAN / Radio  Core Network   
(at least one should be marked with an X)

**Source:** CN WG2 **Date:** 15/02/2000

**Subject:** Addition of the Long forwarded-to number parameter

**Work item:** Call Forwarding Enhancements

<b>Category:</b> (only one category shall be marked with an X)	F Correction	<input type="checkbox"/>	<b>Release:</b>	Phase 2	<input type="checkbox"/>
	A Corresponds to a correction in an earlier release	<input type="checkbox"/>		Release 96	<input type="checkbox"/>
	B Addition of feature	<input type="checkbox"/>		Release 97	<input type="checkbox"/>
	C Functional modification of feature	<input checked="" type="checkbox"/>		Release 98	<input type="checkbox"/>
D Editorial modification	<input type="checkbox"/>	Release 99	Release 99	<input checked="" type="checkbox"/>	
			Release 00	<input type="checkbox"/>	

**Reason for change:** SMG1 agreed a CR to GSM 02.82 (now TS 22.082) to allow the registration of forwarded-to numbers up to 28 digits long. This requires changes to some messages.

**Clauses affected:** 4.7.2.2

<b>Other specs</b>	Other 3G core specifications	<input checked="" type="checkbox"/>	→ List of CRs:	23.082-004; 29.002-066; 29.078-049
<b>affected:</b>	Other GSM core specifications	<input type="checkbox"/>	→ List of CRs:	
	MS test specifications	<input type="checkbox"/>	→ List of CRs:	
	BSS test specifications	<input type="checkbox"/>	→ List of CRs:	
	O&M specifications	<input type="checkbox"/>	→ List of CRs:	

**Other comments:**



help.doc

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

**\*\*\* First/Last Modified Section \*\*\***

#### 4.7.2.2 Invocation of Call Forwarding

The functional behaviour for the invocation of the Call Forwarding supplementary service is defined in 3G TS 23.018. The following additional requirements apply.

When call forwarding is invoked for a CAMEL subscriber with O-CSI, the gsmSSF shall send the FTN to the gsmSCF in the format in which it was received from the HLR. If the Service Interaction Indicators Two parameter was included in the Initial Address Message, Continue\_With\_Argument -or the Connect message, these shall be applied for the forwarded call.

An HLR shall not send an FTN which is not in international-E.164 format to a GMSC which does not support CAMEL phase 2, i.e. if the HLR is handling a request from a GMSC for routing information and the forwarded-to number is registered a format other than international-E.164, the service logic in the HLR shall behave as if the call forwarding is provisioned but not registered.

## CHANGE REQUEST

*Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.*

**29.078 CR 049r1**

Current Version: **3.2.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **CN#7**  
*list expected approval meeting # here ↑*

for approval   
for information

strategic   
non-strategic  *(for SMG use only)*

Form: CR cover sheet, version 2 for 3GPP and SMG    The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

**Proposed change affects:** (U)SIM  ME  UTRAN / Radio  Core Network   
*(at least one should be marked with an X)*

**Source:** CN WG2 **Date:** 24/02/2000

**Subject:** Addition of long forwarded-to numbers

**Work item:** Call Forwarding Enhancements

<b>Category:</b> <i>(only one category shall be marked with an X)</i>	F Correction	<input type="checkbox"/>	<b>Release:</b>	Phase 2	<input type="checkbox"/>
	A Corresponds to a correction in an earlier release	<input type="checkbox"/>		Release 96	<input type="checkbox"/>
	B Addition of feature	<input checked="" type="checkbox"/>		Release 97	<input type="checkbox"/>
	C Functional modification of feature	<input type="checkbox"/>		Release 98	<input type="checkbox"/>
	D Editorial modification	<input type="checkbox"/>		Release 99	<input checked="" type="checkbox"/>
			Release 00	<input type="checkbox"/>	

**Reason for change:** SMG1 agreed a CR to GSM 02.82 (now TS 22.082) to allow the registration of forwarded-to numbers up to 28 digits long. This requires changes to CAP.

**Clauses affected:** 5.1; 5.5.

<b>Other specs affected:</b>	Other 3G core specifications	<input checked="" type="checkbox"/>	→ List of CRs:	23.078-093; 23.082-004; 29.002-066.
	Other GSM core specifications	<input type="checkbox"/>	→ List of CRs:	
	MS test specifications	<input type="checkbox"/>	→ List of CRs:	
	BSS test specifications	<input type="checkbox"/>	→ List of CRs:	
	O&M specifications	<input type="checkbox"/>	→ List of CRs:	

**Other comments:**



help.doc

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**\*\*\*First Modified Section\*\*\***

## 5.1 Data types

...

```
CalledPartyNumber {PARAMETERS-BOUND : bound} ::= OCTET STRING (SIZE
    (bound.&minCalledPartyNumberLength ..
    bound.&maxCalledPartyNumberLength))
-- Indicates the Called Party Number. Refer to ETS-300-356 ITU-T Q.763 [204] for encoding.
```

...

**\*\*\*Last Modified Section\*\*\***

## 5.5 Classes

...

-- The following instance of the parameter bound is just an example

```
networkSpecificBoundSet PARAMETERS-BOUND ::=
{
    MINIMUM-FOR-ACH-BILLING-CHARGING           5
    MAXIMUM-FOR-ACH-BILLING-CHARGING          177
    MINIMUM-FOR-ATTRIBUTES                     2
    MAXIMUM-FOR-ATTRIBUTES                    10
    MAXIMUM-FOR-BEARER-CAPABILITY             11
    MINIMUM-FOR-CALLED-PARTY-BCD-NUMBER       1
    MAXIMUM-FOR-CALLED-PARTY-BCD-NUMBER      41
    MINIMUM-FOR-CALLED-PARTY-NUMBER           3
    MAXIMUM-FOR-CALLED-PARTY-NUMBER          1812
    MINIMUM-FOR-CALLING-PARTY-NUMBER          2
    MAXIMUM-FOR-CALLING-PARTY-NUMBER         10
}
```

...