

**3GPP TSG CN Plenary Meeting #15
6th – 8th March 2002. Cheju, Korea.**

NP-020026

Source: TSG CN WG4
Title: CRs on R96 TEI
Agenda item: 7.22
Document for: APPROVAL

Introduction:

This document contains 6 CRs on R96 Work Item "TEI", that have been agreed by TSG CN WG4, and are forwarded to TSG CN Plenary meeting #15 for approval.

Spec	CR	Re	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
09.02	A325		N4-020222	R96	ODB alignment	F	5.16.0
09.02	A326		N4-020223	R97	ODB alignment	A	6.11.0
09.02	A327		N4-020224	R98	ODB alignment	A	7.10.0
29.002	405		N4-020225	R99	ODB alignment	A	3.11.0
29.002	406	1	N4-020249	Rel-4	ODB alignment	F	4.6.0
29.002	407	1	N4-020250	Rel-5	ODB alignment	A	5.0.0

CHANGE REQUEST

⌘ **09.02** **CR A325** ⌘ rev **-** ⌘ Current version: **5.16.0** ⌘
 Spec Title: **Mobile Application Part (MAP) specification** ⌘

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:	⌘ ODB alignment		
Source:	⌘ CN4		
Work item code:	⌘ TEI	Date:	⌘ 30.01.02
Category:	⌘ F consensus Use <u>one</u> of the following categories: F (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.	Release:	⌘ R96 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:	⌘ To align chapter 5.6.3.9 with ASN.1
Summary of change:	⌘ Add missing ODB categories
Consequences if not approved:	⌘ Missalignment of chapters may cause confusion

Clauses affected:	⌘ 5.6.3.9		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*****For Information (from chapter 17):*****

```

ODB-GeneralData ::= BIT STRING {
    allOG-CallsBarred (0),
    internationalOGCallsBarred (1),
    internationalOGCallsNotToHPLMN-CountryBarred (2),
    interzonalOGCallsBarred (6),
    interzonalOGCallsNotToHPLMN-CountryBarred (7),
    interzonalOGCallsAndInternationalOGCallsNotToHPLMN-CountryBarred (8),
    premiumRateInformationOGCallsBarred (3),
    premiumRateEntertainmentOGCallsBarred (4),
    ss-AccessBarred (5),
    allECT-Barred (9),
    chargeableECT-Barred (10),
    internationalECT-Barred (11),
    interzonalECT-Barred (12),
    doublyChargeableECT-Barred (13),
    multipleECT-Barred (14)} (SIZE (15..32))
-- exception handling: reception of unknown bit assignments in the
-- ODB-GeneralData type shall be treated like unsupported ODB-GeneralData

```

*****First modification:*****

5.6.3.9 Operator Determined Barring General Data

This parameter refers to the set of subscribers features that the network operator or the service provider can regulate. This set only includes those limitations that can be controlled in the VLR:

- All outgoing calls barred;
- International outgoing calls barred;
- International outgoing calls except those to the home PLMN country barred;
- Interzonal outgoing calls barred;
- Interzonal outgoing calls except those to the home PLMN country barred;
- Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred;
- Premium rate (information) outgoing calls barred;
- Premium rate (entertainment) outgoing calls barred;
- Supplementary service access barred;
- Invocation of call transfer barred;
- Invocation of chargeable call transfer barred;
- Invocation of internationally chargeable call transfer barred;
- Invocation of interzonally chargeable call transfer barred;
- Invocation of call transfer where both legs are chargeable barred;
- Invocation of call transfer if there is already an ongoing transferred call for the served subscriber in the serving MSC/VLR barred.

CR-Form-v6.1

CHANGE REQUEST

⌘ **29.002** **CR 407** ⌘ rev **1** ⌘ Current version: **5.0.0** ⌘

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:	⌘ ODB alignment		
Source:	⌘ CN4		
Work item code:	⌘ TEI4	Date:	⌘ 31.01.02
Category:	⌘ A	Release:	⌘ REL-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	R96 (Release 1996)
	A (corresponds to a correction in an earlier release)	R97 (Release 1997)	R98 (Release 1998)
	B (addition of feature),	R99 (Release 1999)	REL-4 (Release 4)
	C (functional modification of feature)	REL-5 (Release 5)	
	D (editorial modification)		
	Detailed explanations of the above categories can be found in 3GPP TR 21.900.		

Reason for change:	⌘ To align chapter 7.6.3.9 with ASN.1
Summary of change:	⌘ Add missing ODB categories
Consequences if not approved:	⌘ Missalignment of chapters may cause confusion

Clauses affected:	⌘ 7.6.3.9		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
Other comments:	⌘		

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*****For Information (from chapter 17):*****

```

ODB-GeneralData ::= BIT STRING {
    allOG-CallsBarred (0),
    internationalOGCallsBarred (1),
    internationalOGCallsNotToHPLMN-CountryBarred (2),
    interzonalOGCallsBarred (6),
    interzonalOGCallsNotToHPLMN-CountryBarred (7),
    interzonalOGCallsAndInternationalOGCallsNotToHPLMN-CountryBarred (8),
    premiumRateInformationOGCallsBarred (3),
    premiumRateEntertainmentOGCallsBarred (4),
    ss-AccessBarred (5),
    allECT-Barred (9),
    chargeableECT-Barred (10),
    internationalECT-Barred (11),
    interzonalECT-Barred (12),
    doublyChargeableECT-Barred (13),
    multipleECT-Barred (14),
    allPacketOrientedServicesBarred (15),
    roamerAccessToHPLMN-AP-Barred (16),
    roamerAccessToVPLMN-AP-Barred (17)} (SIZE (15..32))
-- exception handling: reception of unknown bit assignments in the
-- ODB-GeneralData type shall be treated like unsupported ODB-GeneralData
-- When the ODB-GeneralData type is removed from the HLR for a given subscriber,
-- in NoteSubscriberDataModified operation sent toward the gsmSCF
-- all bits shall be set to "0".
    
```

*****First modification:*****

7.6.3.9 Operator Determined Barring General Data

This parameter refers to the set of subscriber features that the network operator or the service provider can regulate. This set only includes those limitations that can be controlled

- a) in the VLR,
- b) in the SGSN,
- c) in the SGSN applied for short message transfer only in the VLR or in the SGSN:

- ~~— All outgoing calls barred; (*)~~
- ~~— International outgoing calls barred; (*)~~
- ~~— International outgoing calls except those to the home PLMN country barred; (*)~~
- ~~— Interzonal outgoing calls barred; (*)~~
- ~~— Interzonal outgoing calls except those to the home PLMN country barred; (*)~~
- ~~— Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred; (*)~~
- ~~— Premium rate (information) outgoing calls barred;~~
- ~~— Premium rate (entertainment) outgoing calls barred;~~
- ~~— Supplementary service access barred;~~
- ~~— Invocation of call transfer barred;~~
- ~~— Invocation of chargeable call transfer barred;~~
- ~~— Invocation of internationally chargeable call transfer barred;~~
- ~~— Invocation of interzonally chargeable call transfer barred;~~
- ~~— Invocation of call transfer where both legs are chargeable barred.~~

(*). Only these ODBs are supported by the SGSN. The SGSN applies them only for short message transfer.

<u>ODB category</u>	<u>Controlled in the VLR</u>	<u>Controlled in the SGSN</u>	<u>Controlled in the SGSN applied for short message transfer only</u>
<u>All outgoing calls barred</u>	X		X
<u>International outgoing calls barred</u>	X		X
<u>International outgoing calls except those to the home PLMN country barred</u>	X		X
<u>Interzonal outgoing calls barred</u>	X		X
<u>Interzonal outgoing calls except those to the home PLMN country barred</u>	X		X
<u>Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred</u>	X		X
<u>Premium rate (information) outgoing calls barred</u>	X		
<u>Premium rate (entertainment) outgoing calls barred</u>	X		
<u>Supplementary service access barred</u>	X		
<u>Invocation of call transfer barred</u>	X		
<u>Invocation of chargeable call transfer barred</u>	X		
<u>Invocation of internationally chargeable call transfer barred</u>	X		
<u>Invocation of interzonally chargeable call transfer barred</u>	X		
<u>Invocation of call transfer where both legs are chargeable barred</u>	X		
<u>Invocation of call transfer if there is already an ongoing transferred call for the served subscriber in the serving MSC/VLR barred</u>	X		
<u>All packet Oriented Services barred</u>		X	

<u>Roamer Access to HPLMN- AP barred</u>		<u>X</u>	
<u>Roamer Access to VPLMN- AP barred</u>		<u>X</u>	

CR-Form-v6.1

CHANGE REQUEST

⌘ 29.002 CR 406 ⌘ rev 1 ⌘ Current version: 4.6.0 ⌘

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:	⌘ ODB alignment		
Source:	⌘ CN4		
Work item code:	⌘ TEI4	Date:	⌘ 31.01.02
Category:	⌘ F	Release:	⌘ REL-4
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900.	REL-4 (Release 4)	
		REL-5 (Release 5)	

Reason for change:	⌘ To align chapter 7.6.3.9 with ASN.1
Summary of change:	⌘ Add missing ODB categories
Consequences if not approved:	⌘ Missalignment of chapters may cause confusion

Clauses affected:	⌘ 7.6.3.9	
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘
	<input type="checkbox"/> Test specifications	
	<input type="checkbox"/> O&M Specifications	
Other comments:	⌘	

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- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*****For Information (from chapter 17):*****

```

ODB-GeneralData ::= BIT STRING {
    allOG-CallsBarred (0),
    internationalOGCallsBarred (1),
    internationalOGCallsNotToHPLMN-CountryBarred (2),
    interzonalOGCallsBarred (6),
    interzonalOGCallsNotToHPLMN-CountryBarred (7),
    interzonalOGCallsAndInternationalOGCallsNotToHPLMN-CountryBarred (8),
    premiumRateInformationOGCallsBarred (3),
    premiumRateEntertainmentOGCallsBarred (4),
    ss-AccessBarred (5),
    allECT-Barred (9),
    chargeableECT-Barred (10),
    internationalECT-Barred (11),
    interzonalECT-Barred (12),
    doublyChargeableECT-Barred (13),
    multipleECT-Barred (14),
    allPacketOrientedServicesBarred (15),
    roamerAccessToHPLMN-AP-Barred (16),
    roamerAccessToVPLMN-AP-Barred (17)} (SIZE (15..32))
-- exception handling: reception of unknown bit assignments in the
-- ODB-GeneralData type shall be treated like unsupported ODB-GeneralData
-- When the ODB-GeneralData type is removed from the HLR for a given subscriber,
-- in NoteSubscriberDataModified operation sent toward the gsmSCF
-- all bits shall be set to "0".
    
```

*****First modification:*****

7.6.3.9 Operator Determined Barring General Data

This parameter refers to the set of subscriber features that the network operator or the service provider can regulate. This set only includes those limitations that can be controlled

- a) in the VLR,
- b) in the SGSN,
- c) in the SGSN applied for short message transfer only in the VLR or in the SGSN:

- ~~— All outgoing calls barred; (*)~~
- ~~— International outgoing calls barred; (*)~~
- ~~— International outgoing calls except those to the home PLMN country barred; (*)~~
- ~~— Interzonal outgoing calls barred; (*)~~
- ~~— Interzonal outgoing calls except those to the home PLMN country barred; (*)~~
- ~~— Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred; (*)~~
- ~~— Premium rate (information) outgoing calls barred;~~
- ~~— Premium rate (entertainment) outgoing calls barred;~~
- ~~— Supplementary service access barred;~~
- ~~— Invocation of call transfer barred;~~
- ~~— Invocation of chargeable call transfer barred;~~
- ~~— Invocation of internationally chargeable call transfer barred;~~
- ~~— Invocation of interzonally chargeable call transfer barred;~~
- ~~— Invocation of call transfer where both legs are chargeable barred.~~

(*). Only these ODBs are supported by the SGSN. The SGSN applies them only for short message transfer.

<u>ODB category</u>	<u>Controlled in the VLR</u>	<u>Controlled in the SGSN</u>	<u>Controlled in the SGSN applied for short message transfer only</u>
<u>All outgoing calls barred</u>	X		X
<u>International outgoing calls barred</u>	X		X
<u>International outgoing calls except those to the home PLMN country barred</u>	X		X
<u>Interzonal outgoing calls barred</u>	X		X
<u>Interzonal outgoing calls except those to the home PLMN country barred</u>	X		X
<u>Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred</u>	X		X
<u>Premium rate (information) outgoing calls barred</u>	X		
<u>Premium rate (entertainment) outgoing calls barred</u>	X		
<u>Supplementary service access barred</u>	X		
<u>Invocation of call transfer barred</u>	X		
<u>Invocation of chargeable call transfer barred</u>	X		
<u>Invocation of internationally chargeable call transfer barred</u>	X		
<u>Invocation of interzonally chargeable call transfer barred</u>	X		
<u>Invocation of call transfer where both legs are chargeable barred</u>	X		
<u>Invocation of call transfer if there is already an ongoing transferred call for the served subscriber in the serving MSC/VLR barred</u>	X		
<u>All packet Oriented Services barred</u>		X	

<u>Roamer Access to HPLMN- AP barred</u>		<u>X</u>	
<u>Roamer Access to VPLMN- AP barred</u>		<u>X</u>	

CHANGE REQUEST

⌘ **29.002** **CR 405** ⌘ rev - ⌘ Current version: **3.11.0** ⌘

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:	⌘ ODB alignment		
Source:	⌘ CN4		
Work item code:	⌘ TEI	Date:	⌘ 30.01.02
Category:	⌘ A	Release:	⌘ R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900.		REL-4 (Release 4)
			REL-5 (Release 5)

Reason for change:	⌘ To align chapter 7.6.3.9 with ASN.1
Summary of change:	⌘ Add missing ODB categories
Consequences if not approved:	⌘ Missalignment of chapters may cause confusion

Clauses affected:	⌘ 7.6.3.9		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
Other comments:	⌘		

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*****For Information (from chapter 17):*****

```

ODB-GeneralData ::= BIT STRING {
    allOG-CallsBarred (0),
    internationalOGCallsBarred (1),
    internationalOGCallsNotToHPLMN-CountryBarred (2),
    interzonalOGCallsBarred (6),
    interzonalOGCallsNotToHPLMN-CountryBarred (7),
    interzonalOGCallsAndInternationalOGCallsNotToHPLMN-CountryBarred (8),
    premiumRateInformationOGCallsBarred (3),
    premiumRateEntertainmentOGCallsBarred (4),
    ss-AccessBarred (5),
    allECT-Barred (9),
    chargeableECT-Barred (10),
    internationalECT-Barred (11),
    interzonalECT-Barred (12),
    doublyChargeableECT-Barred (13),
    multipleECT-Barred (14)} (SIZE (15..32))
-- exception handling: reception of unknown bit assignments in the
-- ODB-GeneralData type shall be treated like unsupported ODB-GeneralData
-- When the ODB-GeneralData type is removed from the HLR for a given subscriber,
-- in NoteSubscriberDataModified operation sent toward the gsmSCF
-- all bits shall be set to "0".

```

*****First modification:*****

7.6.3.9 Operator Determined Barring General Data

This parameter refers to the set of subscriber features that the network operator or the service provider can regulate. This set only includes those limitations that can be controlled in the VLR or in the SGSN:

- All outgoing calls barred; (*)
- International outgoing calls barred; (*)
- International outgoing calls except those to the home PLMN country barred; (*)
- Interzonal outgoing calls barred; (*)
- Interzonal outgoing calls except those to the home PLMN country barred; (*)
- Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred; (*)
- Premium rate (information) outgoing calls barred;
- Premium rate (entertainment) outgoing calls barred;
- Supplementary service access barred;
- Invocation of call transfer barred;
- Invocation of chargeable call transfer barred;
- Invocation of internationally chargeable call transfer barred;
- Invocation of interzonally chargeable call transfer barred;
- Invocation of call transfer where both legs are chargeable barred;
- Invocation of call transfer if there is already an ongoing transferred call for the served subscriber in the serving MSC/VLR barred.

(*) Only these ODBs are supported by the SGSN. The SGSN applies them only for short message transfer.

CR-Form-v6.1

CHANGE REQUEST

⌘ 09.02 CR A327 ⌘ rev - ⌘ Current version: 7.10.0 ⌘

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:	⌘ ODB alignment		
Source:	⌘ CN4		
Work item code:	⌘ TEI	Date:	⌘ 30.01.02
Category:	⌘ A	Release:	⌘ R98
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
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		REL-5 (Release 5)	

Reason for change:	⌘ To align chapter 7.6.3.9 with ASN.1
Summary of change:	⌘ Add missing ODB categories
Consequences if not approved:	⌘ Missalignment of chapters may cause confusion

Clauses affected:	⌘ 7.6.3.9		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	
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Other comments:	⌘		

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*****For Information (from chapter 17):*****

```

ODB-GeneralData ::= BIT STRING {
    allOG-CallsBarred (0),
    internationalOGCallsBarred (1),
    internationalOGCallsNotToHPLMN-CountryBarred (2),
    interzonalOGCallsBarred (6),
    interzonalOGCallsNotToHPLMN-CountryBarred (7),
    interzonalOGCallsAndInternationalOGCallsNotToHPLMN-CountryBarred (8),
    premiumRateInformationOGCallsBarred (3),
    premiumRateEntertainmentOGCallsBarred (4),
    ss-AccessBarred (5),
    allECT-Barred (9),
    chargeableECT-Barred (10),
    internationalECT-Barred (11),
    interzonalECT-Barred (12),
    doublyChargeableECT-Barred (13),
    multipleECT-Barred (14)} (SIZE (15..32))
-- exception handling: reception of unknown bit assignments in the
-- ODB-GeneralData type shall be treated like unsupported ODB-GeneralData

```

*****First modification:*****

7.6.3.9 Operator Determined Barring General Data

This parameter refers to the set of subscribers features that the network operator or the service provider can regulate. This set only includes those limitations that can be controlled in the VLR or in the SGSN:

- All outgoing calls barred; (*)
- International outgoing calls barred; (*)
- International outgoing calls except those to the home PLMN country barred; (*)
- Interzonal outgoing calls barred; (*)
- Interzonal outgoing calls except those to the home PLMN country barred; (*)
- Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred; (*)
- Premium rate (information) outgoing calls barred;
- Premium rate (entertainment) outgoing calls barred;
- Supplementary service access barred;
- Invocation of call transfer barred;
- Invocation of chargeable call transfer barred;
- Invocation of internationally chargeable call transfer barred;
- Invocation of interzonally chargeable call transfer barred;
- Invocation of call transfer where both legs are chargeable barred;
- Invocation of call transfer if there is already an ongoing transferred call for the served subscriber in the serving MSC/VLR barred;

(*) Only these ODBs are supported by the SGSN. The SGSN applies them only for short message transfer.

CR-Form-v6.1

CHANGE REQUEST

⌘ **09.02** CR **A326** ⌘ rev - ⌘ Current version: **6.11.0** ⌘
 Spec Title: Mobile Application Part (MAP) specification ⌘

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:	⌘ ODB alignment		
Source:	⌘ CN4		
Work item code:	⌘ TEI	Date:	⌘ 30.01.02
Category:	⌘ A	Release:	⌘ R97
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900.	REL-4 (Release 4)	
		REL-5 (Release 5)	

Reason for change:	⌘ To align chapter 7.6.3.9 with ASN.1
Summary of change:	⌘ Add missing ODB categories
Consequences if not approved:	⌘ Missalignment of chapters may cause confusion

Clauses affected:	⌘ 7.6.3.9		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*****For Information (from chapter 17):*****

```

ODB-GeneralData ::= BIT STRING {
    allOG-CallsBarred (0),
    internationalOGCallsBarred (1),
    internationalOGCallsNotToHPLMN-CountryBarred (2),
    interzonalOGCallsBarred (6),
    interzonalOGCallsNotToHPLMN-CountryBarred (7),
    interzonalOGCallsAndInternationalOGCallsNotToHPLMN-CountryBarred (8),
    premiumRateInformationOGCallsBarred (3),
    premiumRateEntertainmentOGCallsBarred (4),
    ss-AccessBarred (5),
    allECT-Barred (9),
    chargeableECT-Barred (10),
    internationalECT-Barred (11),
    interzonalECT-Barred (12),
    doublyChargeableECT-Barred (13),
    multipleECT-Barred (14)} (SIZE (15..32))
-- exception handling: reception of unknown bit assignments in the
-- ODB-GeneralData type shall be treated like unsupported ODB-GeneralData

```

*****First modification:*****

7.6.3.9 Operator Determined Barring General Data

This parameter refers to the set of subscribers features that the network operator or the service provider can regulate. This set only includes those limitations that can be controlled in the VLR or in the SGSN:

- All outgoing calls barred; (*)
- International outgoing calls barred; (*)
- International outgoing calls except those to the home PLMN country barred; (*)
- Interzonal outgoing calls barred; (*)
- Interzonal outgoing calls except those to the home PLMN country barred; (*)
- Interzonal outgoing calls AND international outgoing calls except those directed to the home PLMN country barred; (*)
- Premium rate (information) outgoing calls barred;
- Premium rate (entertainment) outgoing calls barred;
- Supplementary service access barred;
- Invocation of call transfer barred;
- Invocation of chargeable call transfer barred;
- Invocation of internationally chargeable call transfer barred;
- Invocation of interzonally chargeable call transfer barred;
- Invocation of call transfer where both legs are chargeable barred;
- Invocation of call transfer if there is already an ongoing transferred call for the served subscriber in the serving MSC/VLR barred;

(*) Only these ODBs are supported by the SGSN. The SGSN applies them only for short message transfer.

