

**3GPP TSG CN Plenary Meeting #17**  
**4<sup>th</sup> – 6<sup>th</sup> September 2002 Biarritz, FRANCE.**

**NP-020448**

**Source:** TSG CN WG4  
**Title:** TEI R98  
**Agenda item:** 7.11  
**Document for:** APPROVAL

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<b>Spec</b>	<b>CR</b>	<b>Rev</b>	<b>Doc-2nd-Level</b>	<b>Phase</b>	<b>Subject</b>	<b>Cat</b>	<b>Ver_C</b>
03.16	A045		N4-020836	R98	Introduction of Call Deflection	F	7.5.0
23.016	027		N4-020837	R99	Introduction of Call Deflection	A	3.8.0
23.016	028		N4-020838	Rel4	Introduction of Call Deflection	A	4.1.0
23.016	029		N4-021089	Rel5	Introduction of Call Deflection	A	5.0.0

CR-Form-v7

## CHANGE REQUEST

⌘ **03.16 CR A045** ⌘ rev **-** ⌘ Current version: **7.5.0** ⌘

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

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

<b>Title:</b>	⌘	Introduction of Call Deflection	
<b>Source:</b>	⌘	CN4	
<b>Work item code:</b>	⌘	TEI	<b>Date:</b> ⌘ 01/08/2002
<b>Category:</b>	⌘	<b>F</b>	<b>Release:</b> ⌘ R98
		Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	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) Rel-6 (Release 6)

<b>Reason for change:</b>	⌘	Impact of the supplementary service Call Deflection to the subscriber data management is not shown in 03.16. Essential Correction
<b>Summary of change:</b>	⌘	Addition of reference to stage 2 specification for call deflection; Addition of Call Deflection to figure 3.
<b>Consequences if not approved:</b>	⌘	Subscription options and Provisioning State for Call Deflection cannot be transferred to the VLR.

<b>Clauses affected:</b>	⌘	2, 3.2, 4.5.4								
<b>Other specs affected:</b>	⌘	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications ⌘ <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N									
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<b>Other comments:</b>	⌘									

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.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.

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## 2 References

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[29] GSM 03.72: "Digital cellular telecommunications system (Phase 2+); Call Deflection (CD) supplementary service; Stage 2".

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### 3.2 Definitions

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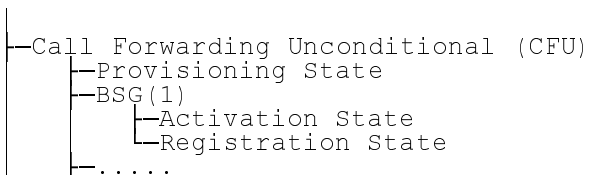
The following **groups of non-GPRS subscriber information** are defined:

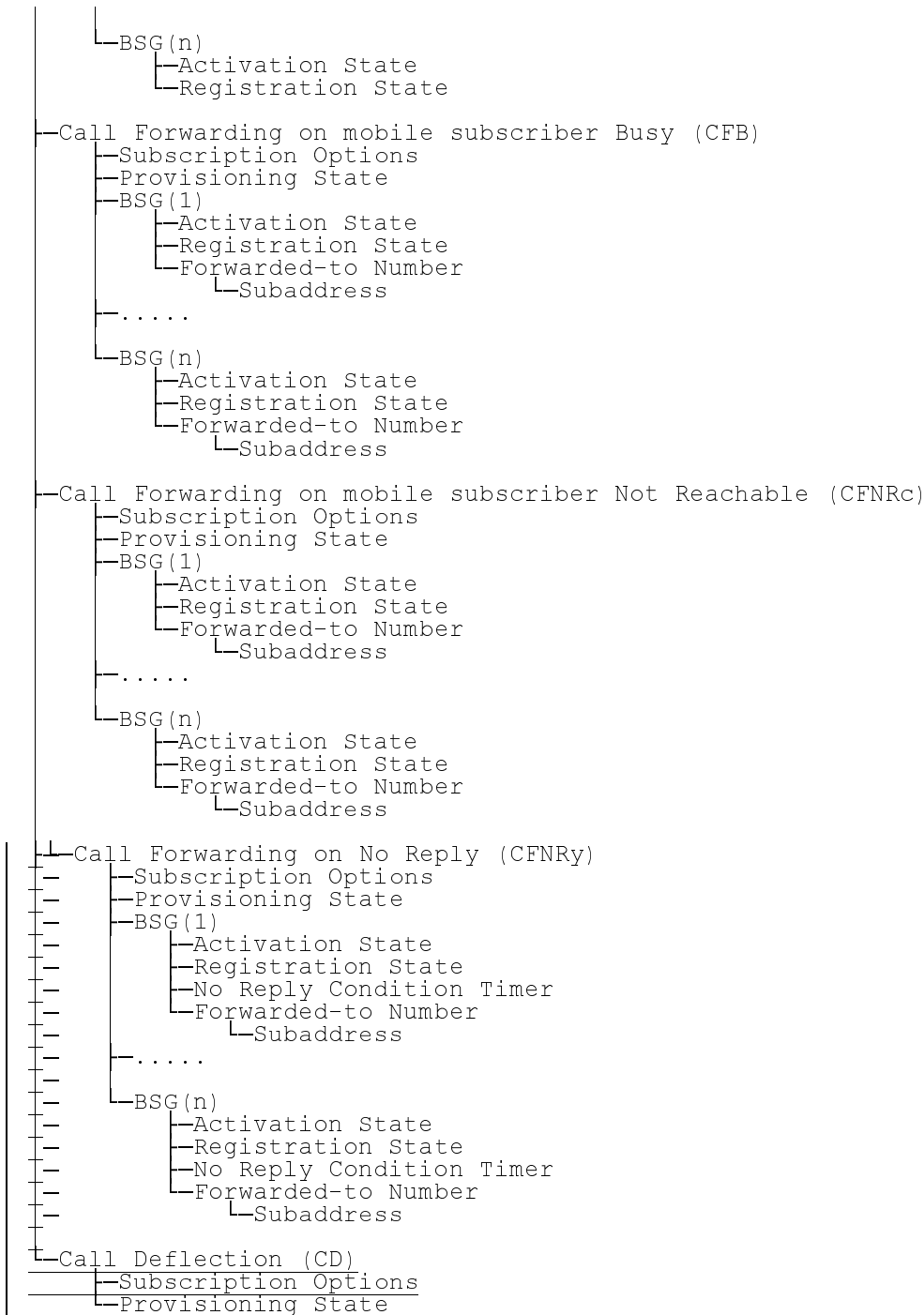
- subscriber information (Group A):
  - International Mobile Subscriber Identity (IMSI);
  - basic Mobile Station International ISDN Number (MSISDN);
  - category;
  - subscriber status,
  - LMU identifier
- basic service information (Group B):
  - Bearer Service list;
  - Teleservice list.

NOTE 3: VBS and VGCS entitlement data are subsumed under Teleservices.

- Supplementary Service (SS) information (Group C):
  - forwarding information including deflection information;
  - call barring information;
  - Closed User Group (CUG) information;
  - eMLPP data;
  - SS Data;
- Operator Determined Barring (ODB) information (Group D):
  - ODB Data for non-GPRS services;
- roaming restriction information (Group E):
  - roaming restriction due to unsupported feature;
- regional subscription information (Group F):
  - regional subscription data.
- VBS/VGCS subscription information (Group G):
  - VBS subscription data;
  - VGCS subscription data.
- CAMEL subscription information (Group H):
  - Originating CAMEL Subscription Information (O-CSI);
  - Supplementary Service CAMEL Subscription Information (SS-CSI);
  - Translation Information Flag CAMEL Subscription Information (TIF-CSI).
- LSA Information (Group I):
  - LSA data.
- Location Services (LCS) information (Group X):
  - GMLC List;
  - LCS Privacy Exception List;
  - MO-LR List.

#### 4.5.4 Consistency of supplementary service data





NOTE: For detailed information see GSM 03.82, GSM 03.72 and GSM 09.02.

**Figure 3: Forwarding Info**

**3GPP TSG CN WG4 Meeting #15**  
**Helsinki, Finland, 29<sup>th</sup> July – 2<sup>nd</sup> August 2002**

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***N4-020836***

**\*\*\* *Start of modifications* \*\*\***

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## 2 References

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[33] [3GPP TS 23.072: "Call Deflection \(CD\) supplementary service; Stage 2"](#).

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**\*\*\* *Next modification* \*\*\***

### 3.2 Definitions

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The following **groups of non-GPRS subscriber information** are defined:

- Subscriber information (Group A):
  - International Mobile Subscriber Identity (IMSI);
  - basic Mobile Station International ISDN Number (MSISDN);
  - category;
  - subscriber status;
  - LMU identifier (GSM only).
- Basic service information (Group B):
  - Bearer Service list;
  - Teleservice list.

NOTE 3: VBS and VGCS entitlement data are subsumed under Teleservices.



- Supplementary Service (SS) information (Group C):
  - forwarding information [including deflection information](#);
  - call barring information;
  - Closed User Group (CUG) information;
  - eMLPP data;
  - MC data;
  - SS Data;
- Operator Determined Barring (ODB) information (Group D):
  - ODB Data for non-GPRS services;
- Roaming restriction information (Group E):
  - roaming restriction due to unsupported feature.
- Regional subscription information (Group F):
  - regional subscription data.
- VBS/VGCS subscription information (Group G):
  - VBS subscription data;
  - VGCS subscription data.
- CAMEL subscription information (Group H):
  - Originating CAMEL Subscription Information (O-CSI);
  - Dialed Service CAMEL Subscription Information (D-CSI);
  - VMSC Terminating CAMEL Subscription Information (VT-CSI);
  - Supplementary Service Invocation Notification CAMEL Subscription Information (SS-CSI);
  - Translation Information Flag CAMEL Subscription Information (TIF-CSI);
  - SMS CAMEL Subscription Information (SMS-CSI);
  - Mobility Management Event Notification CAMEL Subscription Information (M-CSI).
- LSA Information (Group I):
  - LSA data.
- Super-Charger (SC) Information (Group K):
  - Age Indicator;
- Location Services (LCS) information (Group X):
  - GMLC List;
  - LCS Privacy Exception List;
  - MO-LR List.
- IST Information (Group J):
  - IST data.
- Bearer Service Priority Information (Group L):

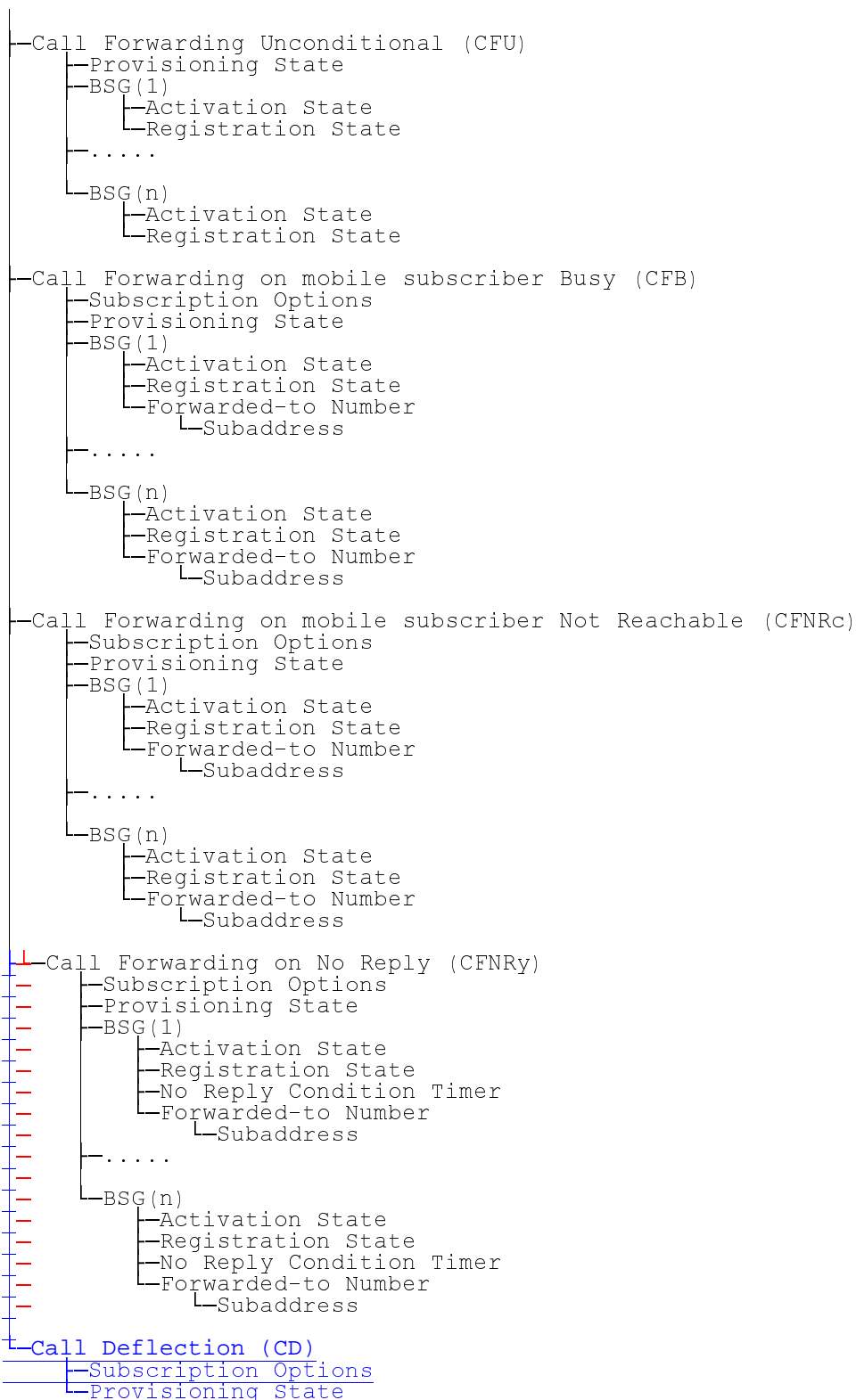
- Bearer Service Priority Data.

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**\*\*\* *Next modification* \*\*\***

#### 4.5.4 Consistency of Supplementary Service data

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NOTE: For detailed information see 3GPP TS 23.082, [3GPP TS 23.072](#), and 3GPP TS 29.002.

**Figure 4: Forwarding Info**

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**3GPP TSG CN WG4 Meeting #15**  
**Helsinki, Finland, 29<sup>th</sup> July – 2<sup>nd</sup> August 2002**

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***N4-020837***

**\*\*\* *Start of modifications* \*\*\***

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## 2 References

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[33] [3GPP TS 23.072: "Call Deflection \(CD\) supplementary service; Stage 2"](#).

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**\*\*\* *Next modification* \*\*\***

### 3.2 Definitions

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The following **groups of non-GPRS subscriber information** are defined:

- Subscriber information (Group A):
  - International Mobile Subscriber Identity (IMSI);
  - basic Mobile Station International ISDN Number (MSISDN);
  - category;
  - subscriber status;
  - LMU identifier (GSM only).
- Basic service information (Group B):
  - Bearer Service list;
  - Teleservice list.

NOTE 3: VBS and VGCS entitlement data are subsumed under Teleservices.

- Supplementary Service (SS) information (Group C):
  - forwarding information [including deflection information](#);
  - call barring information;
  - Closed User Group (CUG) information;
  - eMLPP data;
  - MC data;
  - SS Data;
- Operator Determined Barring (ODB) information (Group D):
  - ODB Data for non-GPRS services;
- Roaming restriction information (Group E):
  - roaming restriction due to unsupported feature.
- Regional subscription information (Group F):
  - regional subscription data.
- VBS/VGCS subscription information (Group G):
  - VBS subscription data;
  - VGCS subscription data.
- CAMEL subscription information (Group H):
  - Originating CAMEL Subscription Information (O-CSI);
  - Dialed Service CAMEL Subscription Information (D-CSI);
  - VMSC Terminating CAMEL Subscription Information (VT-CSI);
  - Supplementary Service Invocation Notification CAMEL Subscription Information (SS-CSI);
  - Translation Information Flag CAMEL Subscription Information (TIF-CSI);
  - SMS CAMEL Subscription Information (SMS-CSI);
  - Mobility Management Event Notification CAMEL Subscription Information (M-CSI).
- LSA Information (Group I):
  - LSA data.
- Super-Charger (SC) Information (Group K):
  - Age Indicator;
- Location Services (LCS) information (Group X):
  - GMLC List;
  - LCS Privacy Exception List;
  - MO-LR List.
- IST Information (Group J):
  - IST data.
- Bearer Service Priority Information (Group L):

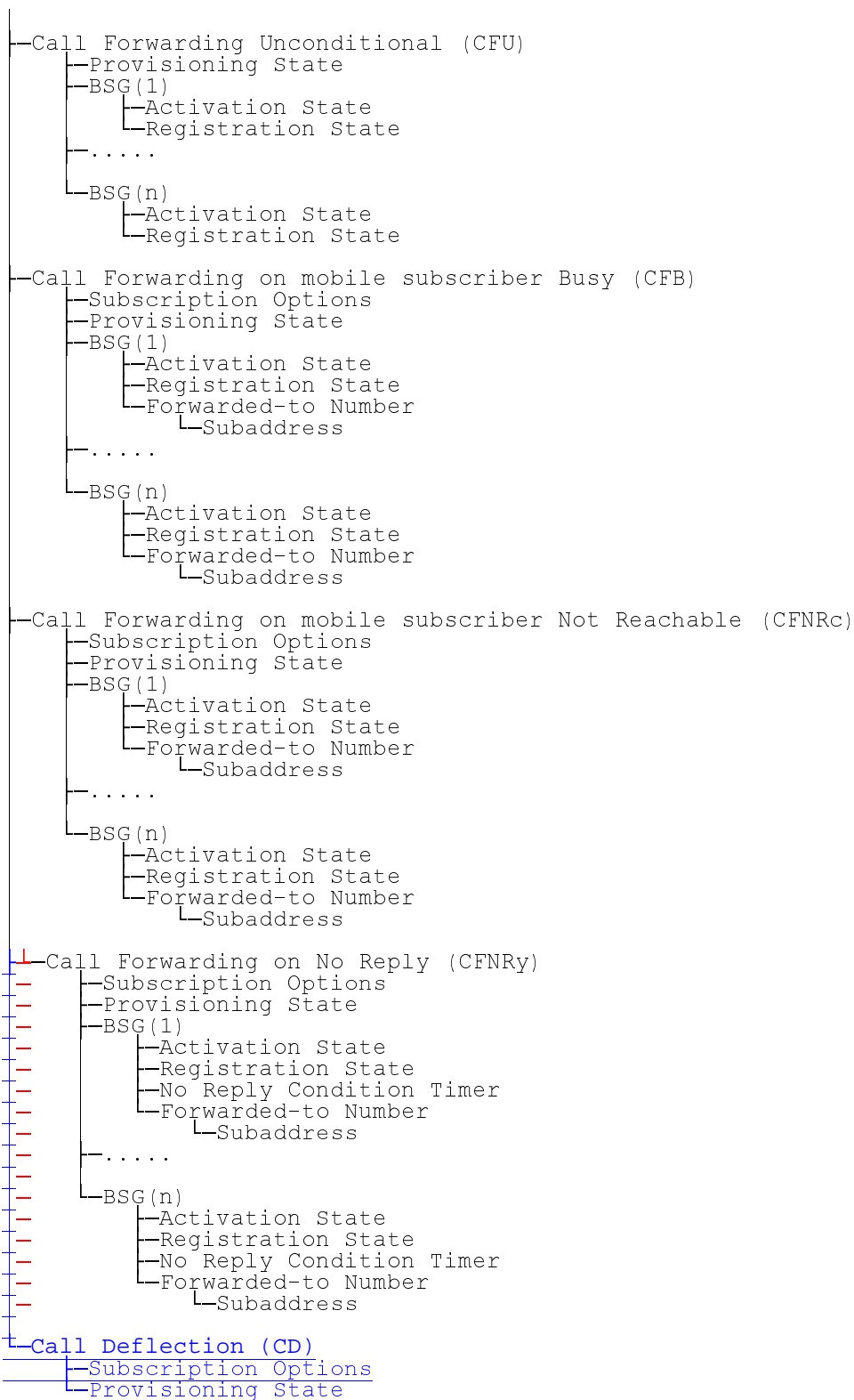
- Bearer Service Priority Data.

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**\*\*\* *Next modification* \*\*\***

#### 4.5.4 Consistency of Supplementary Service data

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NOTE: For detailed information see 3GPP TS 23.082, [3GPP TS 23.072](#), and 3GPP TS 29.002.

**Figure 4: Forwarding Info**

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**3GPP TSG CN WG4 Meeting #15**  
**Helsinki, Finland, 29<sup>th</sup> July – 2<sup>nd</sup> August 2002**

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***N4-020838***

**\*\*\* *Start of modifications* \*\*\***

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## 2 References

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[33] [3GPP TS 23.072: "Call Deflection \(CD\) supplementary service; Stage 2"](#).

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**\*\*\* *Next modification* \*\*\***

### 3.2 Definitions

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The following **groups of non-GPRS subscriber information** are defined:

- Subscriber information (Group A):
  - International Mobile Subscriber Identity (IMSI);
  - basic Mobile Station International ISDN Number (MSISDN);
  - category;
  - subscriber status;
  - LMU identifier (GSM only).
- Basic service information (Group B):
  - Bearer Service list;
  - Teleservice list.

NOTE 3: VBS and VGCS entitlement data are subsumed under Teleservices.

- Supplementary Service (SS) information (Group C):
  - forwarding information [including deflection information](#);
  - call barring information;
  - Closed User Group (CUG) information;
  - eMLPP data;
  - MC data;
  - SS Data;
- Operator Determined Barring (ODB) information (Group D):
  - ODB Data for non-GPRS services;
- Roaming restriction information (Group E):
  - roaming restriction due to unsupported feature.
- Regional subscription information (Group F):
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  - VBS subscription data;
  - VGCS subscription data.
- CAMEL subscription information (Group H):
  - Originating CAMEL Subscription Information (O-CSI);
  - Dialed Service CAMEL Subscription Information (D-CSI);
  - VMSC Terminating CAMEL Subscription Information (VT-CSI);
  - Supplementary Service Invocation Notification CAMEL Subscription Information (SS-CSI);
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  - LCS Privacy Exception List;
  - MO-LR List.
- IST Information (Group J):
  - IST data.
- Bearer Service Priority Information (Group L):

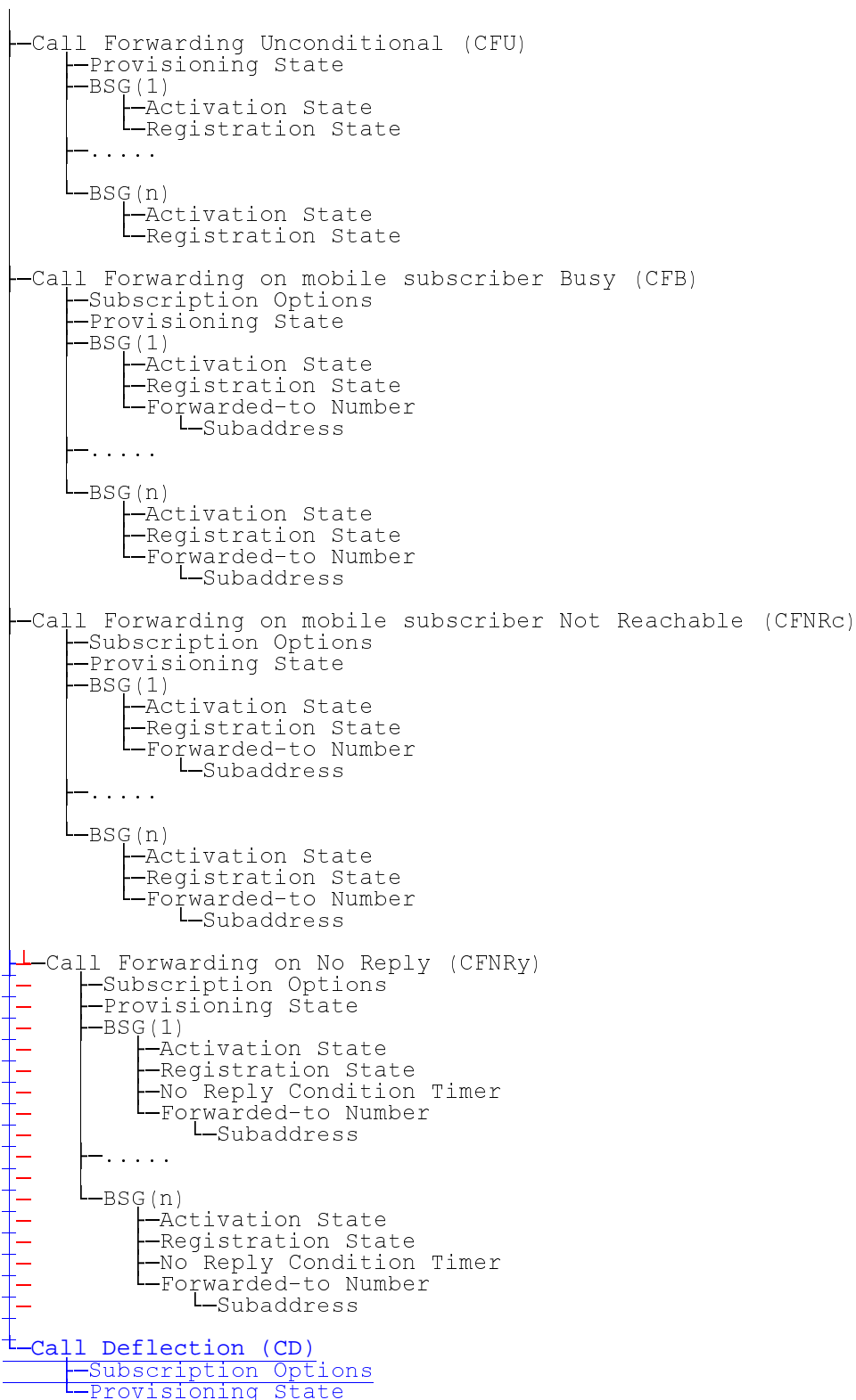
- Bearer Service Priority Data.

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**\*\*\* *Next modification* \*\*\***

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NOTE: For detailed information see 3GPP TS 23.082, [3GPP TS 23.072](#), and 3GPP TS 29.002.

**Figure 4: Forwarding Info**

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