

**3GPP TSG CN Plenary Meeting #13**  
**Beijing, China, 19<sup>th</sup>-21<sup>st</sup> September 2001**

**NP-010451**

**Source:** TSG CN WG4  
**Title:** CRs on R99 Work Item Camel 3  
**Agenda item:** 7.2  
**Document for:** APPROVAL

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**Introduction:**

This document contains 2 CRs on R99 Work Item "Camel3", that have been agreed by TSG CN WG4, and are forwarded to TSG CN Plenary meeting #13 for approval.

<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>
29.002	305		N4-010973	R99	Addition of data type definitions to EXPORT statements for the usage in CAP	F	3.9.0
29.002	306		N4-010976	Rel-4	Addition of data type definitions to EXPORT statements for the usage in CAP	A	4.4.0



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

## 17.7.1 Mobile Service data types

```
MAP-MS-DataTypes {
    ccitt identified-organization (4) etsi (0) mobileDomain (0)
    gsm-Network (1) modules (3) map-MS-DataTypes (11) version6 (6)}
```

DEFINITIONS

IMPLICIT TAGS

::=

BEGIN

EXPORTS

```

    -- location registration types
    UpdateLocationArg,
    UpdateLocationRes,
    CancelLocationArg,
    CancelLocationRes,
    PurgeMS-Arg,
    PurgeMS-Res,
    SendIdentificationArg,
    SendIdentificationRes,
    UpdateGprsLocationArg,
    UpdateGprsLocationRes,
    IST-SupportIndicator,

    -- gprs location registration types
    GSN-Address,

    -- handover types
    ForwardAccessSignalling-Arg,
    PrepareHO-Arg,
    PrepareHO-Res,
    PrepareSubsequentHO-Arg,
    PrepareSubsequentHO-Res,
    ProcessAccessSignalling-Arg,
    SendEndSignal-Arg,
    SendEndSignal-Res,

    -- authentication management types
    SendAuthenticationInfoArg,
    SendAuthenticationInfoRes,
    AuthenticationFailureReportArg,
    AuthenticationFailureReportRes,

    -- security management types
    EquipmentStatus,
    Kc,

    -- subscriber management types
    InsertSubscriberDataArg,
    InsertSubscriberDataRes,
    LSAIdentity,
    DeleteSubscriberDataArg,
    DeleteSubscriberDataRes,
    Ext-QoS-Subscribed,
    SubscriberData,
    ODB-Data,
    SubscriberStatus,
    ZoneCodeList,
    maxNumOfZoneCodes,
    O-CSI,
    D-CSI,
    O-BcsmCamelTDPCriteriaList,
    T-BCSM-CAMEL-TDP-CriteriaList,
    SS-CSI,
    ServiceKey,
    DefaultCallHandling,
    CamelCapabilityHandling,
    BasicServiceCriteria,
    SupportedCamelPhases,
    maxNumOfCamelTDPData,
```

```

CUG-Index,
CUG-Interlock,
InterCUG-Restrictions,
IntraCUG-Options,
NotificationToMSUser,
QoS-Subscribed,
IST-AlertTimerValue,
T-CSI,
T-BcsmTriggerDetectionPoint,

-- fault recovery types
ResetArg,
RestoreDataArg,
RestoreDataRes,

-- provide subscriber info types
GeographicalInformation,

-- subscriber information enquiry types
ProvideSubscriberInfoArg,
ProvideSubscriberInfoRes,
SubscriberInfo,
LocationInformation,
SubscriberState,

-- any time information enquiry types
AnyTimeInterrogationArg,
AnyTimeInterrogationRes,

-- any time information handling types
AnyTimeSubscriptionInterrogationArg,
AnyTimeSubscriptionInterrogationRes,
AnyTimeModificationArg,
AnyTimeModificationRes,

-- subscriber data modification notification types
NoteSubscriberDataModifiedArg,
NoteSubscriberDataModifiedRes,

-- gprs location information retrieval types
SendRoutingInfoForGprsArg,
SendRoutingInfoForGprsRes,

-- failure reporting types
FailureReportArg,
FailureReportRes,

-- gprs notification types
NoteMsPresentForGprsArg,
NoteMsPresentForGprsRes,

-- Mobility Management types
NoteMM-EventArg,
NoteMM-EventRes
;

```

```

...
...

```

```

-- subscriber management types
...
...

```

<pre> <b>QoS-Subscribed</b> ::= OCTET STRING (SIZE (3)) -- Octets are coded according to TS GSM 04.08. </pre>
---

<pre> <b>Ext-QoS-Subscribed</b> ::= OCTET STRING (SIZE (1..9)) -- OCTET 1: -- Allocation/Retention Priority (This octet encodes each priority level defined in -- 23.107 as the binary value of the priority level, declaration in 29.060) -- Octets 2-9 are coded according to 3G TS 24.008 Quality of Service Octets -- 6-13. </pre>
--

```

...
< unmodified ASN.1 >
...

```

<p><b>*** End of Document ***</b></p>
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## CHANGE REQUEST

⌘ **29.002 CR 306** ⌘ rev        ⌘ Current version: 4.4.0 ⌘

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

**Title:** ⌘ Addition of data type definitions to EXPORT statements for the usage in CAP

**Source:** ⌘ CN4

**Work item code:** ⌘ CAMEL3 **Date:** ⌘ 12 July, 2001

<p><b>Category:</b> ⌘ <span style="background-color: yellow;">A</span></p> <p><i>Use one of the following categories:</i></p> <ul style="list-style-type: none"> <li><b>F</b> (correction)</li> <li><b>A</b> (corresponds to a correction in an earlier release)</li> <li><b>B</b> (addition of feature),</li> <li><b>C</b> (functional modification of feature)</li> <li><b>D</b> (editorial modification)</li> </ul>	<p><b>Release:</b> ⌘ <span style="background-color: yellow;">Rel-4</span></p> <p><i>Use one of the following releases:</i></p> <ul style="list-style-type: none"> <li><b>2</b> (GSM Phase 2)</li> <li><b>R96</b> (Release 1996)</li> <li><b>R97</b> (Release 1997)</li> <li><b>R98</b> (Release 1998)</li> <li><b>R99</b> (Release 1999)</li> <li><b>REL-4</b> (Release 4)</li> <li><b>REL-5</b> (Release 5)</li> </ul>
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**Reason for change:** ⌘ CAP (specified in 3GPP TS 29.078) uses data type definitions "Ext-QoS-Subscribed" and "QoS-Subscribed". CAP imports these data type definitions from MAP module "MAP-MS-DataTypes". However, these data type definitions are not exported from MAP-MS-DataTypes.

The present CR proposes to add "Ext-QoS-Subscribed" and "QoS-Subscribed" to the EXPORT list of MAP module MAP-MS-DataTypes.

**Summary of change:** ⌘ Adding "Ext-QoS-Subscribed" and "QoS-Subscribed" to the EXPORT list of MAP module MAP-MS-DataTypes.

**Consequences if not approved:** ⌘ Syntax errors when compiling the ASN.1 CAP syntax.

**Clauses affected:** ⌘ 17.7.1

**Other specs Affected:** ⌘  Other core specifications ⌘         
 Test specifications  
 O&M Specifications

**Other comments:** ⌘

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

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    -- subscriber management types
    InsertSubscriberDataArg,
    InsertSubscriberDataRes,
    LSAIdentity,
    DeleteSubscriberDataArg,
    DeleteSubscriberDataRes,
    Ext-QoS-Subscribed,
    SubscriberData,
    ODB-Data,
    SubscriberStatus,
    ZoneCodeList,
    maxNumOfZoneCodes,
    O-CSI,
    D-CSI,
    O-BcsmCamelTDPCriteriaList,
    T-BCSM-CAMEL-TDP-CriteriaList,
    SS-CSI,
    ServiceKey,
    DefaultCallHandling,
    CamelCapabilityHandling,
    BasicServiceCriteria,
    SupportedCamelPhases,
    maxNumOfCamelTDPData,
```

```

CUG-Index,
CUG-Interlock,
InterCUG-Restrictions,
IntraCUG-Options,
NotificationToMSUser,
QoS-Subscribed,
IST-AlertTimerValue,
T-CSI,
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ResetArg,
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-- provide subscriber info types
GeographicalInformation,

-- subscriber information enquiry types
ProvideSubscriberInfoArg,
ProvideSubscriberInfoRes,
SubscriberInfo,
LocationInformation,
SubscriberState,

-- any time information enquiry types
AnyTimeInterrogationArg,
AnyTimeInterrogationRes,

-- any time information handling types
AnyTimeSubscriptionInterrogationArg,
AnyTimeSubscriptionInterrogationRes,
AnyTimeModificationArg,
AnyTimeModificationRes,

-- subscriber data modification notification types
NoteSubscriberDataModifiedArg,
NoteSubscriberDataModifiedRes,

-- gprs location information retrieval types
SendRoutingInfoForGprsArg,
SendRoutingInfoForGprsRes,

-- failure reporting types
FailureReportArg,
FailureReportRes,

-- gprs notification types
NoteMsPresentForGprsArg,
NoteMsPresentForGprsRes,

-- Mobility Management types
NoteMM-EventArg,
NoteMM-EventRes
;

```

```

...
...

```

```

-- subscriber management types
...
...

```

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--

```

...
< unmodified ASN.1 >
...

```

<p><b>*** End of Document ***</b></p>
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