| | |
|---|---|
| **Source:** | **SA5 (Telecom Management)** |
| **Title:** | **Rel-5 CR 32.215 (Charging data description for the Packet Switched (PS) domain) : Correction on QoS Information (only if CN#22 approved CN4 CR 24.008)** |
| **Document for:** | **Decision** |
| **Agenda Item:** | **7.5.3** |

| Doc-1st-Level | Spec | CR | Ph | Subject | Cat | Ver-Cur | Doc-2nd-Level | WI |
|---|---|---|---|---|---|---|---|---|
| SP-030621 | 32.215 | 031 | Rel-5 | Correction on QoS Information (only if CN#22 approved CN4 CR 24.008) | F | 5.4.0 | S5-034768 | OAM-CH |

*CR-Form-v7*

# CHANGE REQUEST

| ⌘ | **32.215** CR **031** | ⌘**rev** | **-** | ⌘ | Current version: | **5.4.0** | ⌘ |

*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 **X**

| *Title:* | ⌘ | Correction on QoS Information (only if CN#22 approved CN4 CR 24.008) |
|---|---|---|

| *Source:* | ⌘ | SA5 (Gerald.goermer@siemens.com) |
|---|---|---|

| *Work item code:* | ⌘ | OAM-CH | | *Date:* ⌘ | 21/11/2003 |
|---|---|---|---|---|---|

| *Category:* | ⌘ | **F** | | *Release:* ⌘ | Rel-5 |
|---|---|---|---|---|---|

| | Use *one* of the following categories: | Use *one* 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 | Rel-4 *(Release 4)* |
| | be found in 3GPP TR 21.900. | Rel-5 *(Release 5)* |
| | | Rel-6 *(Release 6)* |

| *Reason for change:* | ⌘ | The length of the 'Quality of Service' profile paramter has been changed in TSs 29.060 CN1 and TS 24.008 CN4 in Rel-5 and therefore must be aligned in TS 32.215. |
|---|---|---|

| *Summary of change:* | ⌘ | The length of the QoSInformation parameter is extended by 3 octets as defined in TS 29.060. |
|---|---|---|

| *Consequences if not approved:* | ⌘ | Error in the QoS based billing function. |
|---|---|---|

| *Clauses affected:* | ⌘ | 6 |
|---|---|---|

| | Y | N | | |
|---|---|---|---|---|
| *Other specs affected:* ⌘ | | X | Other core specifications | ⌘ |
| | | X | Test specifications | |
| | | X | O&M Specifications | |

| *Other comments:* | ⌘ | The corresponding CN4 CR is in N4-031374 (CR 29.060-462) |
|---|---|---|

**How to create CRs using this form:**

# 6 Charging Data Record Structure

## 6.1 ASN.1 definitions for CDR information

The ASN.1 definitions are based on ISO8824 (90)/X.208 (88) [17], which has been superseded by ISO8824-1 (94)/X.680 (94)[18]. This newer version not only includes new features but also removes some that were present in ISO8824 (90)/X.208 (88) [17]. Where possible, the GPRS work would be based on those ASN.1 features to both. However, where necessary, the new features in ISO8824-1 (94)/X.680 (94) [18] be used in some places. ISO8824 (90)/X.208 (88) [17] features that are no longer in ISO8824-1 (94)/X.680 (94) [18] will not be used.

```
....
PLMN-Id     ::= OCTET STRING (SIZE (3))
    -- This is a 1:1 copy from the Routing Area Identity (RAI) IE specified in TS 29.060
    -- as follows:
    -- OCTET 1 of PLMN-Id = OCTET 2 of RAI
    -- OCTET 2 of PLMN-Id = OCTET 3 of RAI
    -- OCTET 3 of PLMN-Id = OCTET 4 of RAI

QoSInformation  ::= OCTET STRING (SIZE (4..152))

    --
    -- This  octet string
    -- is a 1:1 copy of the contents (i.e. starting with octet 4) of the "Quality of
    -- service Profile" information element specified in 3GPP TS 29.060 [22].

RoutingAreaCode ::= OCTET STRING (SIZE(1))
    --
    -- See TS 24.008    --
    --

...
```

# Annex B (informative):
# Change history