3GPP TSG CN Plenary Meeting #20 **NP-030242**
04-06 June 2003. Hämeenlinna, FINLAND

Source: **CN5 (OSA)**

Title: **Rel-5 CR 29.198-04-1 OSA API Part 4: Call control; Sub-part 1: Call Control Common Definitions**

Agenda item: **8.2**

Document for: **APPROVAL**

Doc-1st-Level	Spec	CR	R	Ph	Subject	Cat	Ver-Curr	Doc-2nd-Level	WI
NP-030242	29.198-04-1	005	-	Rel-5	Correction to Common Call Control Data	F	5.2.0	N5-030195	OSA2

CR-Form-v7

CHANGE REQUEST

⌘ **29.198-04-1** **CR** **005** ⌘ **rev** **-** ⌘ Current version: **5.2.0** ⌘

*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 ☒

Title:	⌘	Correction to Common Call Control Data
Source:	⌘	Ultan Mulligan, ETSI PTCC
Work item code:	⌘	OSA2
Date:	⌘	5/05/2003
Category:	⌘	**F**
Release:	⌘	*REL-5*

Use one 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.

Use one 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)*

Reason for change:	⌘	TpMediaType has defined constant values, but these are not available in the IDL or WSDL. TpCallLoadControlIntervalRate is defined as a range of possible values of the interval in milliseconds between admitted calls. But it is not specified if real numbers, or only integers, are permitted values of this range.
Summary of change:	⌘	Add values for TpMediaType to the IDL and WSDL Add description to TpCallLoadControlIntervalRate to specify that it is based on TpInt32, to match with the IDL and WSDL definitions.
Consequences if not approved:	⌘	Developers will be forced to interpret the specifications themselves, and to 'fill in the blanks'. This will lead to interoperability problems.

Clauses affected:	⌘				
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	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/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.

←========== First Changed Section ==========→

6.14 TpCallLoadControlMechanism

Defines the Tagged Choice of Data Elements that specify the applied mechanism and associated parameters.

	Tag Element Type	
	TpCallLoadControlMechanismType	

Tag Element Value	Choice Element Type	Choice Element Name
P_CALL_LOAD_CONTROL_PER_INTERVAL	TpCallLoadControlIntervalRate	CallLoadControlPerInterval

6.15 TpCallLoadControlIntervalRate

Defines the call admission rate of the call load control mechanism used. This data type indicates the interval (in milliseconds) between calls that are admitted. This data type is identical to a TpInt32.

Name	Value	Description
P_CALL_LOAD_CONTROL_ADMIT_NO_CALLS	0	Infinite interval (do not admit any calls)
	1 - 60000	Duration in milliseconds

6.16 TpCallLoadControlMechanismType

Defines the type of call load control mechanism to use.

Name	Value	Description
P_CALL_LOAD_CONTROL_PER_INTERVAL	0	admit one call per interval

←========== Second Changed Section ==========→

6.28 TpMediaType

Defines the media type of a media stream. The values may be combined by a logical 'OR' function.

Name	Value	Description
P_AUDIO	1	Audio stream
P_VIDEO	2	Video stream
P_DATA	4	Data stream (e.g., T.120)

IDL Changes:

```
            typedef TpInt32 TpMediaType;
            const TpInt32 P_AUDIO = 1;
            const TpInt32 P_VIDEO = 2;
            const TpInt32 P_DATA = 4;
```

WSDL Changes:

```
            <xsd:simpleType name="TpMediaType">
                <xsd:restriction base="osaxsd:TpInt32"/>
            </xsd:simpleType>
            <xsd:simpleType name="P_AUDIO">
                <xsd:restriction base="osaxsd:TpInt32">
                    <xsd:minInclusive value="1"/>
                    <xsd:maxInclusive value="1"/>
                </xsd:restriction>
            </xsd:simpleType>
            <xsd:simpleType name="P_VIDEO">
                <xsd:restriction base="osaxsd:TpInt32">
                    <xsd:minInclusive value="2"/>
                    <xsd:maxInclusive value="2"/>
                </xsd:restriction>
            </xsd:simpleType>
            <xsd:simpleType name="P_DATA">
                <xsd:restriction base="osaxsd:TpInt32">
                    <xsd:minInclusive value="4"/>
                    <xsd:maxInclusive value="4"/>
                </xsd:restriction>
            </xsd:simpleType>
```