3GPP TSG CN Plenary Meeting #12
Stockholm, Sweden, 13ᵗʰ - 15ᵗʰ June 2001

Tdoc NP-010371

Source: CN5

Title: Rel4 CR to OSA API Mapping (TR 29.998-4-1)

Agenda item: **8.5   OSA enhancements [OSA1]**

Document for: APPROVAL

Doc-1st-Level	Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Workitem
NP-010371	N5-010432	29.998-4-1	001		Rel4	**setCallLoadControl mapping to CAP**	F	4.0.0	4.1.0	OSA1

CR-Form-v4

CHANGE REQUEST

⌘ **29.998-4-1** CR **001** ⌘ ev **-** ⌘ Current version: **4.0.0** ⌘

*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 **X**

Title: ⌘	setCallLoadControl mapping to CAP	
Source: ⌘	CN5	
Work item code: ⌘	OSA1	***Date:*** ⌘ 25/05/2001

Category: ⌘ **F**	***Release:*** ⌘ Rel4

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)

Reason for change: ⌘	Missing description of " setCallLoadControl mapping to CAP"
Summary of change: ⌘	Call load control is included in the OSA API (3GPP TS 29.198-4) for Rel4. This CR contains the description how setCallLoadControl may be mapped to CallGap of CAP protocol.
Consequences if not approved: ⌘	Incomplete TR

Clauses affected: ⌘	4.1

Other specs affected: ⌘	☐ Other core specifications ⌘	
	☐ Test specifications	
	☐ O&M Specifications	

Other comments: ⌘	

4.1.4 getCriteria

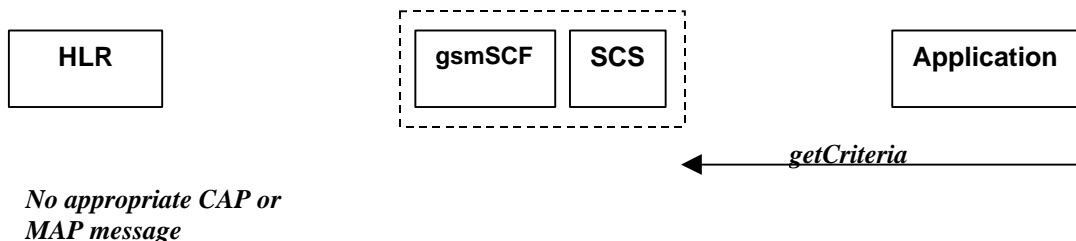*getCriteria* is used by the application to query the event criteria set with *enableCallNotification*.

*No appropriate CAP or
MAP message*

Figure 4-4: Call Flow for getCriteria

Table 4-8: Normal Operation

Pre-conditions	Notifications have been enabled by the application.
1	The application invokes the **getCriteria** method
2	The SCS returns the criteria

Parameter Mapping

None.

4.1.5 setCallLoadControl

setCallLoadControl is a method used to control the number of invoked methods i.e. to restrict the load placed on the application server.
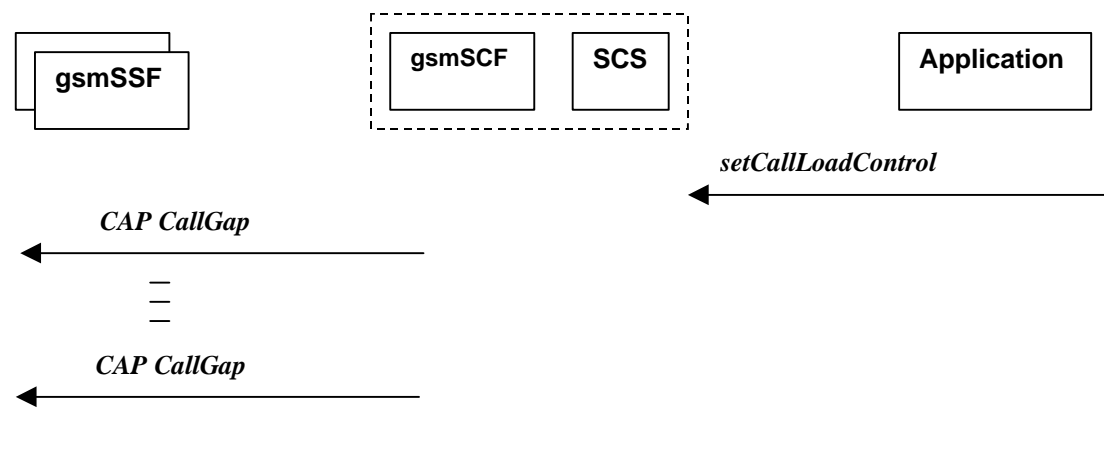

Figure 4-5: Call Flow for release

Table 4-9: Normal Operation

Pre-conditions	Call Control Manager is in active state
1	The application invokes the **setCallLoadControl** method
2	The SCS sends an equivalent message to the gsmSCF
3	The gsmSCF may invoke the CAP **CallGap** operations towards different gsmSSFs. CallGap can be sent in CAP only after the dialogue has been opened first by sending InitialDP.

Table 4-30: Parameter Mapping

From: setCallLoadControl	To: CAP CallGap
duration	gapIndicators
	duration
mechanism	gapIndicators
callLoadControlPerInterval	gapInterval
treatment	gapTreatment
ReleaseCause	ReleaseCause
AdditionalTreatmentInfo	
InformationToSend	InformationToSend
addressRange	gapCriteria
	basicGapCriteria
	calledAddressValue
assignmentID	